APPENDICES
TO
ECONOMIC INVESTIGATION AND ANALYSIS OF THE CONNECTICUT RIVER ABOVE HARTFORD, CONNECTICUT

Submitted to:

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NOTE

THIS VOLUME OF APPENDICES ACCOMPANIES THE BASIC STUDY REPORT THAT IS BOUND SEPARATELY.

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BIBLIOGRAPHY

Appendix A

BIBLIOGRAPHY

Bachman, Ben
Upstream: A Voyage on the Connecticut River
Houghton Mifflin
February 1985

The author began his exploration of the river at Old Saybrook aboard a tugboat headed for Hartford. From there he traveled upstream by canoe, observing the natural and man-made changes that the river had experienced. The book is a layman's guide to the region's geology, geography, history, and ecology.

Booz Allen & Hamilton, Inc.
Economic Feasibility Study of a Riverport at Hartford, Connecticut
For the Planning Department
City of Hartford, CT
June 1981

The purpose of this study was to determine the market potential for development of commercial vessel traffic terminating at Hartford. Analyses of container, breakbulk, and bulk cargoes were made to identify potential traffic flows between Hartford and other ports. The study concluded that there was insufficient potential to justify development of a freight-handling riverport at Hartford.

City of Hartford, Connecticut
Brainard Airport: A Preliminary Investigation of Its Best Economic Value to the City of Hartford
Department of Planning
Comprehensive Planning Unit
550 Main Street
Hartford, CT 06103
November 1982

This report examined the costs and benefits of continued airport operations or terminating the airport and developing the property for industrial use.

Day, Harold J. and Lee, Kwang K.
Flood Damage Reduction Potential of River Forecast in the Connecticut River Basin

National Weather Service
Office of Hydrology
Silver Spring MD
NTIS PB-25675874ST
February 1976

The study examines flood damage reduction in four selected communities in the Connecticut River Basin. Properties on the flood plain were classified into residential, commercial, industrial, and automobile categories. The investigation found that approximately $750,000 of reducible damages can be expected on the commercial and residential elements of the flood plain.

Department of the Army
New England Division
Corps of Engineers for Connecticut River Basin
Coordinating Committee
Comprehensive Water and Related Land Resources
Investigation, Connecticut River Basin
Waltham, MA
June 1970.

Volume I	Main Report
Volume II	Appendix A - History of Investigation
	Appendix B - Economics
	Appendix C - Hyrology
Volume VII	Appendix K - Plan Formulation
	Appendix L - Navigation

The Connecticut River Basin Comprehensive Study provides projections of economic development, translation of projections in to demands for water and related land resource uses, hydrologic projections of water availability and projections of related land resources availability. The Economics Appendix forecasted continued economic expansion during teh period 1960 to 2020. The potential for navigational improvements above Hartford are discussed within Appendix L.

Department of the Army
New England Division
Corps of Engineers
Connecticut River (Connecticut-Massachusetts)
Navigation Study Survey Report--Long Island
Sound to Holyoke, Massachusetts
Boston, MA
June 3, 1949

This study analyzed improvements for the Connecticut River below and above Hartford. It recommends a 12-foot deep, 100-foot wide

channel from Hartford to Holyoke with one dam. Annual commerce on the river between Hartford and Holyoke was estimated at 1,071,500 tons consisting of petroleum products, coal, fertilizers, and wood pulp. The benefit-cost ratio was greater than one.

Department of the Army
New England Division
Corps of Engineers
Survey (Review of Reports) on Connecticut River-
Hartford, Connecticut to Holyoke, Massachusetts
Waltham, MA
September 14, 1973

The purpose of the study was to determine the engineering feasibility, economic justification, and the environmental effects of providing navigation improvements between Hartford and Holyoke for recreational boating use. Although the project was determined to be feasible, the Division Engineer recommended that no navigation improvements be made because of a lack of support by the States of Connecticut and Massachusetts.

Department of the Army
Office of the Chief of Engineers
Connecticut River Basin, Report to the President's
Water Resources Policy Commission
Washington, DC
1950

Recommendations for flood control and navigation projects were made and include a 12-foot channel from Hartford to Holyoke. Economic benefits were calculated at $386,000 per year with annual carrying charges of $230,000 per year for Federal interests and $131,600 for non-Federal interests.

Department of the Interior
Bureau of Outdoor Recreation
New England Heritage--The Connecticut River
National Recreation Area Study
Washington, DC
July 1968

This report makes recommendations for Federal, State, and private actions to expand recreational opportunities along the river. These include a proposed state part at Windsor Locks-King's Island. No references to commercial navigation are included.

Eastern Connecticut Development Council, Inc.
Annual Report
July 1976
NTIS PB-259988/4ST

The report analyzed the current economic state and evaluated progress toward economic growth. The report described how the Council has contributed to the stabilization and stimulation of the area economy by assisting projects in investing in new industrial facilities. For example, through efforts of the Council, rail freight services have been maintained and improved.

Hall, George D.
Directory of Connecticut Manufacturers
50 Congress Street
Boston, MA 02109
1984

This is a directory of manufacturers in Connecticut listing by town, company names, addresses, phone numbers, managers' names, employees, gross sales, SIC codes, and products.

Hall, George D.
Directory of Massachusetts Manufacturers
50 Congress Street
Boston, MA 02109
1983-1984

This is a directory of manufacturers in Massachusetts listing by town, company names, addresses, phone numbers, managers' names, employees, gross sales, SIC codes, and products.

Hall, George D.
Connecticut Service Directory
50 Congress Street
Boston, MA 02109
1983-1984

This is a directory of service company's in Connecticut listing by town, company names, addresses, phone numbers, managers, names, employees, gross sales, SIC codes, and services.

Hall, George D.
Massachusetts Service Directory
50 Congress Street
Boston, MA 02109
1984-1985

This is a directory of service company's in Massachusetts listing by town, company names, addresses, phone numbers, managers, names, employees, gross sales, SIC codes, and services.

Heindel, C.
An Analysis of the Transport of Coal and Oil to the Lake Champlain Basin
Lake Champlain Basin Study
Burlington, VT
May 1978

An analysis of the various types of oil and coal transport in the lake Champlain Basin. The three types of transport presently in use were (1) barges, (2) trucks, and (3) railroads. Economic and environmental factors such as projections relating to oil use and storage, potential oil spill concerns, distance, and capacity of carrying units were also considered.

Kaynor, Edward R.
Uncertainty in Water Resource Planning in the Connecticut River Basin
University of Massachusetts
Amherst, MA
December 1978

The paper analyzes the problems of dealing with uncertainty in water resource planning. Examples are used of Connecticut River Basin planning for navigation, flood control, and interbasin diversion for water supply.

Lower Pioneer Valley Regional Planning
Base Data Report
26 Central Street
W. Springfield, MA 01089
1977

This report covers the surveillance and reappraisal program used to help update the Springfield Urbanized Area Comprehensive Transportation Study (SUACTS) plan of 1964. In part, the program was designed to determine if the actual growth and changes in development conform to the long-range forecasts developed and presented in the SUACTS plan, as well as to compile socioeconomic and transportation data relevant to short- and long-range planning needs. All 43 cities and towns in Hampshire and Hampden Counties are included.

Mayott, Clarence W.
Analysis of Navigation Project on Connecticut River Between Hartford, CT and Holyoke, MA
April 1946

This is an early examination of factors affecting the improvement of the Connecticut River between Hartford, CT and Holyoke, MA, for commercial navigation. The report cites lack of demand and lack of economic benefits among its reasons for rejecting the proposed improvement.

Mayott, Clarence W.
Report on 1. Flood Control, 2. Navigation, and 3. Hydroelectric Developments on the Watersheds of the Connecticut, Thames, and Housatonic Rivers
September 1945

This is a report on the water resources of the principal rivers in Connecticut. It includes a legislative history of river developments, showing various stages in national policy, culminating in the 1944 Flood Control Act and the 1945 Rivers and Harbors Act. A summary is made of conditions on Connecticut rivers relating to existing and potential hydroelectric, flood control, and related developments.

Moore Grover Harper, Architects
Catalog of Riverfront Revitalization Projects for Springfield, MA
Essex, Connecticut
September 26, 1979

This report describes a range of alternatives for development of the Springfield riverfront for commercial and recreational use. It is the result of an extensive effort to use public participation for planning the riverfront development.

New England Regional Commission
Improving Intermodal Transportation in New England
55 Court Street
Boston, MA
1976

Volume I	New England Freight Traffic Flows
Volume II	The Status of Intermodal Freight Transport in New England
Volume III	The Competition for New England Freight Traffic;
Volume IV	The Selkirk Hurdle

An overview of the intermodal movements of freight within New England and between New England and the rest of the U.S. and overseas. Volume I, New England Freight Traffic Flows, presents the recommendations that grew out of the study. A data base describing goods movement by rail and truck is also included. Volume II describes intermodal operations in New England. Volume III concentrates on the analysis of highway and rail modes in many operating configurations of equipment, services, and routings. Volume IV discusses improvements in rail service and quantifies the service and cost levels of rail and highway modes.

New England River Basins Commission
The Connecticut River Basin in the 1980s:
Challenge and Opportunities
Boston, MA
September 1981

The final report of the Connecticut River Basin Program staff with advice and perspective of the Connecticut River Advisory Group. This reports the history of the river resources during the prior 15 years and the future challenges for multiple use. Navigation above Hartford is recommended for recreation use only.

Parkman, Aubrey
History of the Waterways of the Atlantic Coast
of the United States
For the U.S. Army Corps of Engineers--
National Waterway Study
Ft. Belvoir, VA
January 1983

This booklet describes the early history of navigation on the Connecticut River as well as other waterways in Connecticut and Massachusetts.

Pioneer Valley Planning Commission
Transportation of Goods in the
Pioneer Valley Region
26 Central Street
W. Springfield, MA 01089
May 1983

This report examines the principal transport modes in the Massachusetts portion of the study area. It describes rail, truck, air cargo, pipeline, and intermodal facilities for handling manufactured goods and raw materials.

Pioneer Valley Planning Commission
Base Data Report
26 Central Street
West Springfield, MA 01089
1984

This is a statistical guide to the 43 municipalities in the Pioneer Valley Region. It is an update of the 1977 Base Data Report, and incorporates the results of the 1980 Census.

Riverfront Recapture, Inc.
Riverfront Plan
10 Prospect Street
Hartford, CT 06103
December 1982

This is a 20-year improvement plan calling for a linear park along the Connecticut Riverfront's entire length between Windsor and Wethersfield on the west side and between the Bulkely Bridge and the Hockanum River in East Hartford. The plan includes provisions for the development of many vacant and underutilized parcels on the city side of an existing dike, including new office and industrial development in Hartford's North Meadows, new housing and mixed use residential/commercial development in the downtown and Colt park area, and possibilities for long-range development of a 200-acre industrial/office park. Also included in the plan is a proposed reconstruction of the I84/I91 interchange and a new pedestrian bridge over the Connecticut River.

U.S. House of Representatives
Letter from the Secretary of War Transmitting. . .
A Preliminary Examination and Survey of
. . . Connecticut River, Between Hartford,
Connecticut, and Springfield and Holyoke,
Massachusetts. . .
73d Congress, 1st Session

Document No. 27
May 2, 1933

This report describes the early history of the proposed project and the forecasts of benefits for navigation and hydropower improvements.

Appendix B

HISTORICAL DEMOGRAPHIC AND ECONOMIC DATA FOR STUDY AREA COUNTIES

Regional Economic Models, Inc.

George I. Treyz, President

HAMPDEN/HAMPSHIRE COUNTY HISTORICAL DATA

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THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

SUMMARY TABLE FOR PRIVATE NONFARM SECTORS.

	1967	1972	1977	1980	1981	1982
PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
TOTAL	176.937	176.939	182.408	196.222	193.204	189.144
INTERMEDIATE	23.010	23.594	24.812	27.753	27.507	27.232
INDUCED	62.297	67.850	68.864	74.201	74.013	74.240
EXPORT	91.628	85.494	88.729	94.270	91.684	87.674
EXOGENOUS	.000	.000	.000	.000	.000	.000
COSTS RELATIVE TO THE U.S.						
PRODUCTION	.98125	.97982	.96692	.95641	.95535	.95571
FACTOR INPUTS	.96837	.96655	.94722	.93013	.92902	.92995
LABOR	.90374	.90285	.88322	.86606	.86881	.87326
FUEL	1.45924	1.52418	1.42692	1.33657	1.33657	1.33657
CAPITAL	1.01536	1.02647	1.01924	1.00865	1.00839	1.01026
INTERMED. INPUTS	.99923	.99836	.99442	.99312	.99213	.99169
PROD FOR LOCAL MKT	.97773	.97052	.95614	.94500	.94176	.94063
PROD. FOR EXPORT	.98458	.98863	.97713	.96722	.96822	.96999
OTHER VARIABLES:						
LABOR INTENSITY	1.07273	1.07400	1.07939	1.08350	1.08499	1.08611
MULT ADJ. INDEX	1.00000	.92724	.90077	.89166	.85223	.83813
EXP. SHARE OF US-%	.37	.34	.32	.32	.30	.30
EXP EMP - % OF EMP	51.79	48.32	48.64	48.04	47.45	46.35
EMP. AS A % OF US	.31	.28	.26	.26	.25	.25
DEMAND (BILLIONS)	3.724	5.118	7.145	9.847	10.546	10.992
SELF SUPPLY (SS)	1.395	2.047	2.873	4.028	4.352	4.659
IMPORTS	2.328	3.071	4.271	5.819	6.194	6.333
OUTPUT (SUP-BIL)	3.627	4.785	6.909	9.443	10.055	10.425
SUP/DEM RATIO	.97	.93	.97	.96	.95	.95
PS= SS/SUPPLY	.38	.43	.42	.43	.43	.45
RPC= SS/DEMAND	.37	.40	.40	.41	.41	.42
WAGE RATE	5.498	7.269	9.864	12.371	13.406	14.278
INDEX	1.023126	1.007988	1.000000	.997146	.997236	.998122

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

EMPLOYMENT TABLE. (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	19
MANUFACTURE	75.520	63.842	64.559	66.537	62.823	57.713
AS A % OF U.S.	.387	.335	.327	.327	.311	.306
DURABLES	39.041	31.362	34.792	37.099	34.780	31.146
NONDURABLES	36.479	32.480	29.767	29.438	28.043	26.567
NON MANUFACTURE	101.417	113.097	117.849	129.685	130.381	131.431
AS A % OF U.S.	.266	.258	.235	.231	.228	.230
MINING	.086	.192	.160	.127	.122	.130
CONT CONSTRUCTION	8.237	8.698	5.413	6.581	6.080	5.816
TRANSPORT + PUB UT	8.698	9.369	9.522	9.411	9.359	9.337
FINANCE, INS,+ RE	9.633	10.584	11.422	12.644	13.332	13.431
RETAIL TRADE	32.619	36.817	37.234	39.882	39.662	39.456
WHOLESALE TRADE	7.499	7.999	9.126	9.814	9.869	10.218
SERVICES	34.033	38.955	44.455	50.360	51.383	52.439
AGRI/FOR/FISH	.612	.483	.517	.866	.574	.604
TOTAL GOVERNMENT	42.615	45.952	45.299	48.615	48.327	47.260
AS A % OF U.S.	.283	.277	.252	.259	.259	.254
ST AND LOCAL GOVT.	25.086	32.883	36.325	39.776	39.507	38.580
FED. GOVT. CIVI.	7.026	5.677	5.841	5.853	5.740	5.796
FED. GOVT. MILI.	10.503	7.392	3.133	2.985	3.079	2.885
FARM EMPLOYMENT	2.390	1.897	1.902	1.998	1.879	1.870
AS A % OF U.S.	.186	.155	.142	.149	.142	.142
TOTAL WAG&SAL EMP.	221.942	224.788	229.609	246.835	243.410	238.274
AS A % OF U.S.	.300	.279	.257	.256	.250	.249
POPULATION	570.900	592.500	486.900	582.200	583.500	581.200
AS A % OF U.S.	.289	.283	.222	.256	.254	.251

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

PERSONAL INCOME TABLE (IN BILLIONS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
WAGE AND SAL DISB	1.222	1.661	2.300	3.035	3.231	3.374
PROPRIETORS INCOME	.119	.135	.165	.188	.177	.168
OTHER LABOR INCOME	.067	.121	.220	.308	.336	.364
DERIVATION OF PERSONAL INCOME BY PLACE OF RESIDENCE.						
TOT LABOR + PROP INC	1.408	1.916	2.685	3.530	3.743	3.907
AS A % OF U.S.	.280	.256	.229	.221	.214	.214
LESS SOC INSR CONT	.054	.080	.131	.189	.214	.230
PLUS RESID ADJ	.041	.083	.127	.203	.218	.226
PLUS DIV,INT,RENT	.267	.353	.521	.821	1.057	1.149
PLUS TRANSFER PAY	.166	.333	.629	.842	.951	1.036
PERSONAL INCOME	1.827	2.606	3.832	5.207	5.755	6.088
AS A % OF U.S.	.293	.276	.250	.241	.237	.237
LESS TAXES	.252	.414	.582	.859	.985	1.006
DISPOSABLE PER. INC.	1.576	2.191	3.250	4.348	4.770	5.082
CONSUMER PR INDEX	100.000	125.300	181.500	246.900	272.500	289.100
REAL DIS PER INC-'67	1.576	1.749	1.790	1.761	1.751	1.758
AS A % OF U.S.	.291	.272	.248	.239	.234	.234
BREAKDOWN OF LABOR AND PROPRIETOR'S INCOME:						
MANUFACTURE	.520	.610	.901	1.192	1.237	1.229
DURABLES	.274	.309	.502	.689	.718	.697
NONDURABLES	.245	.300	.399	.502	.519	.532
NON MANUFACTURE	.634	.923	1.262	1.703	1.838	1.977
MINING	.001	.003	.003	.003	.003	.003
CONT CONSTRUCTION	.079	.119	.094	.132	.134	.140
TRANSPORT + PUB UT	.069	.105	.160	.206	.225	.238
FINANCE, INS,+ RE	.071	.098	.141	.198	.223	.246
RETAIL TRADE	.154	.211	.272	.336	.355	.369
WHOLESALE TRADE	.059	.085	.137	.192	.205	.221
SERVICES	.196	.299	.449	.623	.684	.751
AGRI/FOR/FISH	.004	.005	.007	.013	.008	.008
TOTAL GOVERNMENT	.244	.374	.506	.617	.654	.688
ST AND LOCAL GOVT.	.153	.266	.406	.492	.510	.535
FED. GOVT. CIVI.	.049	.062	.091	.114	.130	.138
FED. GOVT. MILI.	.043	.046	.009	.011	.014	.016
FARM	.010	.010	.016	.018	.015	.013

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	1967	1972	1977	1980	1981	1982
PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	39.041	31.362	34.792	37.099	34.780	31.146
NONDURABLES	36.479	32.480	29.767	29.438	28.043	26.567
MINING	.086	.192	.160	.127	.122	.130
CONT CONSTRUCTION	8.237	8.698	5.413	6.581	6.080	5.816
TRANSPORT + PUB UT	8.698	9.369	9.522	9.411	9.359	9.337
FINANCE, INS,+ RE	9.633	10.584	11.422	12.644	13.332	13.431
RETAIL TRADE	32.619	36.817	37.234	39.882	39.662	39.456
WHOLESALE TRADE	7.499	7.999	9.126	9.814	9.869	10.218
SERVICES	34.033	38.955	44.455	50.360	51.383	52.439
AGRI/FOR/FISH	.612	.483	.517	.866	.574	.604
WAGE AND SALARY DISBURSEMENTS (IN BILLIONS OF DOLLARS)						
DURABLES	.25047	.27333	.43262	.59029	.61411	.59568
NONDURABLES	.22737	.27441	.35574	.44374	.45679	.46754
MINING	.00073	.00233	.00220	.00225	.00237	.00264
CONT CONSTRUCTION	.06094	.09389	.06949	.09953	.10516	.11090
TRANSPORT + PUB UT	.06065	.08806	.13219	.17017	.18578	.19314
FINANCE, INS,+ RE	.05522	.07952	.11846	.17446	.19814	.21680
RETAIL TRADE	.12744	.17948	.23502	.29610	.31303	.32506
WHOLESALE TRADE	.05155	.07131	.11263	.16132	.17305	.18637
SERVICES	.13535	.22030	.33639	.47987	.53591	.59640
AGRI/FOR/FISH	.00314	.00346	.00452	.00973	.00583	.00606
INTERMEDIATE EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	2.456	2.104	2.021	2.147	2.014	1.819
NONDURABLES	2.369	2.226	2.127	2.183	2.111	2.055
MINING	.052	.047	.063	.077	.086	.083
CONT CONSTRUCTION	.772	.803	.790	.860	.822	.760
TRANSPORT + PUB UT	3.481	3.466	3.350	3.559	3.492	3.462
FINANCE, INS,+ RE	2.308	2.548	2.735	3.086	3.168	3.190
RETAIL TRADE	2.638	2.935	3.127	3.543	3.519	3.573
WHOLESALE TRADE	3.700	3.696	4.053	4.518	4.415	4.317
SERVICES	5.054	5.576	6.312	7.485	7.583	7.670
AGRI/FOR/FISH	.178	.193	.234	.295	.296	.303
INDUCED EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	1.966	1.561	1.111	1.253	1.221	1.137
NONDURABLES	.925	.866	.801	.807	.793	.776
MINING	.002	.001	.002	.002	.002	.002
CONT CONSTRUCTION	5.442	5.882	4.302	5.151	4.856	4.564
TRANSPORT + PUB UT	2.712	2.760	2.548	2.709	2.697	2.700
FINANCE, INS,+ RE	2.800	3.222	3.469	3.877	3.918	3.971
RETAIL TRADE	23.924	26.133	26.827	27.923	27.616	27.647
WHOLESALE TRADE	3.646	3.813	4.004	4.387	4.387	4.3[illegible]
SERVICES	20.758	23.478	25.643	27.881	28.312	28.8[illegible]
AGRI/FOR/FISH	.122	.133	.158	.211	.211	.217

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	1967	1972	1977	1980	1981	1982
EXPORT EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	34.617	27.697	31.660	33.699	31.544	28.191
NONDURABLES	33.184	29.387	26.837	26.449	25.140	23.736
MINING	.032	.143	.096	.048	.034	.044
CONT CONSTRUCTION	2.023	2.013	.322	.570	.402	.492
TRANSPORT + PUB UT	2.505	3.143	3.622	3.143	3.169	3.175
FINANCE, INS,+ RE	4.525	4.814	5.217	5.681	6.246	6.271
RETAIL TRADE	6.057	7.748	7.279	8.416	8.527	8.236
WHOLESALE TRADE	.153	.491	1.069	.908	1.068	1.563
SERVICES	8.221	9.900	12.502	14.995	15.488	15.883
AGRI/FOR/FISH	.312	.157	.124	.360	.067	.084
EXOGENOUS EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	.000	.000	.000	.000	.000	.000
NONDURABLES	.000	.000	.000	.000	.000	.000
MINING	.000	.000	.000	.000	.000	.000
CONT CONSTRUCTION	.000	.000	.000	.000	.000	.000
TRANSPORT + PUB UT	.000	.000	.000	.000	.000	.000
FINANCE, INS,+ RE	.000	.000	.000	.000	.000	.000
RETAIL TRADE	.000	.000	.000	.000	.000	.000
WHOLESALE TRADE	.000	.000	.000	.000	.000	.000
SERVICES	.000	.000	.000	.000	.000	.000
AGRI/FOR/FISH	.000	.000	.000	.000	.000	.000
PRODUCTION COSTS RELATIVE TO THE U.S.						
DURABLES	.96452	.97447	.96420	.95752	.96041	.96391
NONDURABLES	1.00508	1.00775	.99762	.98586	.98392	.98594
MINING	1.03715	1.04462	.96786	.94641	.93809	.93337
CONT CONSTRUCTION	.98901	1.00415	.97098	.95090	.95864	.96603
TRANSPORT + PUB UT	.99813	.99467	.98891	.98198	.97833	.97197
FINANCE, INS,+ RE	.96566	.95818	.95291	.96091	.95426	.95275
RETAIL TRADE	.96065	.94657	.93273	.91326	.90914	.90829
WHOLESALE TRADE	.96852	.95846	.94934	.95863	.95143	.94318
SERVICES	.99266	.98637	.96923	.95579	.95675	.95583
AGRI/FOR/FISH	1.09904	1.10115	1.06631	1.06770	1.01471	1.00220
FACTOR COSTS RELATIVE TO THE U.S.						
DURABLES	.92293	.94641	.92649	.91187	.91936	.92799
NONDURABLES	1.01411	1.02133	1.00099	.97452	.97077	.97616
MINING	1.04885	1.05800	.96054	.93361	.92289	.91670
CONT CONSTRUCTION	.98194	1.01354	.95130	.91274	.93011	.94596
TRANSPORT + PUB UT	1.00064	.99610	.99072	.98213	.97757	.96912
FINANCE, INS,+ RE	.95203	.94258	.93604	.94857	.93867	.93665
RETAIL TRADE	.94758	.92890	.91207	.88604	.88095	.87999
WHOLESALE TRADE	.96011	.94792	.93777	.95080	.94199	.93141
SERVICES	.98191	.97327	.95151	.93405	.93597	.93469
AGRI/FOR/FISH	1.15158	1.15551	1.10580	1.10852	1.02962	1.01112

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
LABOR COSTS (WAGES) RELATIVE TO THE U.S.						
DURABLES	.84468	.86857	.85204	.83953	.85106	.86127
NONDURABLES	.94839	.94625	.93593	.91006	.90798	.91663
MINING	.94572	.95252	.67524	.64505	.63045	.61382
CONT CONSTRUCTION	.93080	.98476	.87170	.80932	.84704	.87620
TRANSPORT + PUB UT	.96980	.92408	.92399	.94372	.94165	.92425
FINANCE, INS,+ RE	.90218	.87728	.87985	.90577	.89285	.89162
RETAIL TRADE	.89253	.86044	.84381	.80971	.80369	.79982
WHOLESALE TRADE	.89996	.87608	.86280	.89094	.87836	.85854
SERVICES	.92644	.91496	.88692	.86985	.87368	.87299
AGRI/FOR/FISH	1.29585	1.29221	1.17866	1.21098	1.02664	.98382
FUEL COSTS RELATIVE TO THE U.S.						
DURABLES	1.63425	1.73040	1.58279	1.47174	1.47174	1.47174
NONDURABLES	1.50965	1.61466	1.47620	1.37864	1.37864	1.37864
MINING	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
CONT CONSTRUCTION	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
TRANSPORT + PUB UT	1.03381	1.08931	1.08664	1.02034	1.02034	1.02034
FINANCE, INS,+ RE	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
RETAIL TRADE	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
WHOLESALE TRADE	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
SERVICES	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
AGRI/FOR/FISH	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
CAPITAL COSTS RELATIVE TO THE U.S.						
DURABLES	1.01342	1.02129	1.01612	1.00899	1.00952	1.01242
NONDURABLES	1.01141	1.01968	1.01414	1.00674	1.00716	1.00950
MINING	1.01998	1.03912	1.02664	1.00780	1.00595	1.00579
CONT CONSTRUCTION	1.01673	1.02879	1.02104	1.00923	1.00856	1.01000
TRANSPORT + PUB UT	1.02083	1.04205	1.02817	1.00728	1.00507	1.00441
FINANCE, INS,+ RE	1.01590	1.03181	1.02142	1.00571	1.00407	1.00365
RETAIL TRADE	1.01812	1.02855	1.02194	1.01181	1.01167	1.01430
WHOLESALE TRADE	1.01824	1.02650	1.02137	1.01344	1.01381	1.01737
SERVICES	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
AGRI/FOR/FISH	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
INTERMEDIATE INPUT COSTS RELATIVE TO THE U.S.						
DURABLES	.99612	.99579	.99285	.99220	.99160	.99120
NONDURABLES	.99844	.99778	.99513	.99419	.99358	.99313
MINING	.99738	.99909	.99273	.98996	.98981	.99006
CONT CONSTRUCTION	.99564	.99534	.98943	.98668	.98538	.98485
TRANSPORT + PUB UT	.99144	.99086	.98410	.98159	.98036	.97958
FINANCE, INS,+ RE	.98569	.98113	.97772	.97906	.97719	.97642
RETAIL TRADE	.99691	.99560	.99005	.98877	.98737	.98680
WHOLESALE TRADE	.99464	.99122	.98532	.98297	.98077	.979[illegible]
SERVICES	1.01945	1.01900	1.01336	1.00992	1.00851	1.00[illegible]
AGRI/FOR/FISH	1.00101	.99970	.99262	.99151	.98688	.98554

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
PRODUCTION COSTS FOR LOCAL MKTS RELATIVE TO THE U.S.						
DURABLES	.94877	.96070	.95173	.94334	.94464	.94668
NONDURABLES	.99911	1.00373	.99505	.98393	.98319	.98490
MINING	1.03715	1.04462	.96786	.94641	.93809	.93337
CONT CONSTRUCTION	.98901	1.00415	.97098	.95090	.95864	.96603
TRANSPORT + PUB UT	.99623	.99451	.98957	.98081	.97818	.97181
FINANCE, INS,+ RE	.96919	.96424	.95310	.95927	.95239	.94967
RETAIL TRADE	.95980	.94552	.93137	.91171	.90759	.90676
WHOLESALE TRADE	.96852	.95846	.94934	.95863	.95143	.94318
SERVICES	.99317	.98193	.96619	.95542	.95175	.95117
AGRI/FOR/FISH	1.09904	1.10115	1.06631	1.06770	1.01471	1.00220
PRODUCTION COSTS FOR EXPORT MKTS RELATIVE TO THE U.S.						
DURABLES	.96652	.97623	.96579	.95932	.96242	.96610
NONDURABLES	1.00568	1.00816	.99787	.98606	.98399	.98605
MINING	1.03715	1.04462	.96786	.94641	.93809	.93337
CONT CONSTRUCTION	.98901	1.00415	.97098	.95090	.95864	.96603
TRANSPORT + PUB UT	1.00275	.99507	.98732	.98484	.97870	.97236
FINANCE, INS,+ RE	.96169	.95139	.95270	.96275	.95636	.95620
RETAIL TRADE	.96435	.95117	.93869	.92002	.91595	.91496
WHOLESALE TRADE	.96852	.95846	.94934	.95863	.95143	.94318
SERVICES	.99108	1.00014	.97866	.95691	.97224	.97028
AGRI/FOR/FISH	1.09904	1.10115	1.06631	1.06770	1.01471	1.00220
LABOR INTENSITY						
DURABLES	1.09573	1.09536	1.10282	1.10056	1.09992	1.09902
NONDURABLES	1.09303	1.09438	1.09845	1.11209	1.11769	1.12169
MINING	1.10850	1.08353	1.15465	1.19585	1.21278	1.23047
CONT CONSTRUCTION	1.05470	1.05164	1.05672	1.06556	1.06766	1.06847
TRANSPORT + PUB UT	1.02591	1.03087	1.04434	1.04524	1.04462	1.04492
FINANCE, INS,+ RE	1.04941	1.05110	1.05359	1.05351	1.05290	1.05237
RETAIL TRADE	1.07497	1.07858	1.08546	1.09013	1.09193	1.09381
WHOLESALE TRADE	1.06666	1.06824	1.07160	1.07393	1.07388	1.07460
SERVICES	1.05276	1.05357	1.05568	1.05742	1.05794	1.05827
AGRI/FOR/FISH	.88838	.88587	.89329	.90639	.91249	.91977
EXPORT SHARE MULTIPLICATIVE ADJUSTMENTS						
DURABLES	1.000	.903	.969	.970	.899	.867
NONDURABLES	1.000	.884	.798	.767	.726	.705
MINING	1.000	4.696	2.699	1.156	.795	1.138
CONT CONSTRUCTION	1.000	.881	.137	.216	.158	.208
TRANSPORT + PUB UT	1.000	1.118	1.234	.992	.991	1.005
FINANCE, INS,+ RE	1.000	.955	.894	.867	.929	.922
RETAIL TRADE	1.000	1.084	.861	.909	.917	.879
WHOLESALE TRADE	1.000	2.871	5.168	3.931	4.520	6.709
SERVICES	1.000	.988	1.083	1.151	1.155	1.183
AGRI/FOR/FISH	1.000	.403	.241	.536	.094	.113

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	198[illegible]
EXPORT SHARE OF U.S. AS A PERCENT						
DURABLES	.365	.307	.331	.335	.316	.309
NONDURABLES	.574	.504	.455	.447	.426	.419
MINING	.009	.039	.019	.007	.005	.006
CONT CONSTRUCTION	.597	.526	.082	.129	.094	.124
TRANSPORT + PUB UT	.140	.166	.182	.145	.145	.149
FINANCE, INS,+ RE	.482	.434	.409	.389	.417	.415
RETAIL TRADE	.350	.378	.294	.307	.307	.295
WHOLESALE TRADE	.017	.050	.089	.068	.078	.116
SERVICES	.261	.268	.290	.307	.307	.309
AGRI/FOR/FISH	.325	.133	.079	.178	.031	.038
EXPORT EMPLOYMENT AS % OF EMPLOYMENT						
DURABLES	88.667	88.315	90.997	90.836	90.695	90.512
NONDURABLES	90.967	90.476	90.158	89.846	89.647	89.345
MINING	37.231	74.546	59.901	37.478	27.887	34.187
CONT CONSTRUCTION	24.561	23.147	5.948	8.662	6.618	8.459
TRANSPORT + PUB UT	28.795	33.547	38.036	33.398	33.856	34.001
FINANCE, INS,+ RE	46.973	45.479	45.679	44.931	46.849	46.692
RETAIL TRADE	18.568	21.046	19.550	21.102	21.500	20.873
WHOLESALE TRADE	2.039	6.133	11.709	9.257	10.817	15.293
SERVICES	24.157	25.415	28.124	29.776	30.142	30.288
AGRI/FOR/FISH	50.944	32.567	24.058	41.583	11.664	13.891
EMPLOYMENT AS PERCENT OF U.S.						
DURABLES	.340	.285	.299	.303	.286	.281
NONDURABLES	.455	.403	.367	.362	.347	.342
MINING	.014	.031	.019	.012	.011	.012
CONT CONSTRUCTION	.246	.230	.139	.152	.146	.150
TRANSPORT + PUB UT	.204	.207	.203	.183	.181	.184
FINANCE, INS,+ RE	.294	.267	.250	.240	.246	.244
RETAIL TRADE	.315	.305	.268	.265	.261	.260
WHOLESALE TRADE	.213	.204	.193	.186	.183	.192
SERVICES	.273	.267	.259	.260	.256	.257
AGRI/FOR/FISH	.231	.147	.119	.158	.100	.102
DEMAND (IN BILLIONS OF DOLLARS)						
DURABLES	.85928	1.01711	1.37252	1.86212	1.94139	1.84553
NONDURABLES	1.01338	1.26471	1.77411	2.29216	2.41928	2.50425
MINING	.02513	.03329	.06700	.10685	.13007	.13494
CONT CONSTRUCTION	.26676	.40243	.41478	.61732	.63702	.64097
TRANSPORT + PUB UT	.33912	.49810	.72392	.98881	1.07726	1.16960
FINANCE, INS,+ RE	.40280	.68712	.94058	1.35589	1.47891	1.59712
RETAIL TRADE	.27887	.39874	.56844	.73995	.78475	.83143
WHOLESALE TRADE	.17764	.24672	.37585	.53374	.57124	.60[illegible]
SERVICES	.35373	.55955	.89024	1.32343	1.47715	1.63[illegible]
AGRI/FOR/FISH	.00687	.01059	.01708	.02699	.02875	.03024

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
SELF SUPPLY: LOCAL PRODUCTION FOR LOCAL USE						
DURABLES	.10438	.11860	.15133	.21569	.22495	.21938
NONDURABLES	.11093	.14075	.19454	.25439	.26871	.28161
MINING	.00205	.00271	.00546	.00871	.01060	.01100
CONT CONSTRUCTION	.19606	.29576	.30484	.45370	.46818	.47108
TRANSPORT + PUB UT	.19293	.28496	.41584	.56560	.62200	.68611
FINANCE, INS,+ RE	.14374	.23653	.33436	.47925	.52651	.57425
RETAIL TRADE	.25638	.36696	.51993	.67514	.71552	.75761
WHOLESALE TRADE	.12577	.17467	.26609	.37788	.40443	.42541
SERVICES	.25833	.41847	.66887	.97836	1.09048	1.21139
AGRI/FOR/FISH	.00488	.00753	.01214	.01919	.02044	.02150
IMPORTS: IMPLICIT PURCHASE OUTSIDE OF AREA FOR LOCAL USE						
DURABLES	.75489	.89851	1.22119	1.64643	1.71644	1.62615
NONDURABLES	.90245	1.12396	1.57958	2.03777	2.15057	2.22265
MINING	.02309	.03058	.06154	.09814	.11947	.12394
CONT CONSTRUCTION	.07071	.10667	.10994	.16362	.16885	.16989
TRANSPORT + PUB UT	.14619	.21314	.30808	.42321	.45526	.48349
FINANCE, INS,+ RE	.25906	.45059	.60622	.87665	.95239	1.02287
RETAIL TRADE	.02249	.03178	.04851	.06481	.06923	.07382
WHOLESALE TRADE	.05188	.07205	.10976	.15587	.16682	.17547
SERVICES	.09540	.14109	.22137	.34507	.38667	.42549
AGRI/FOR/FISH	.00199	.00306	.00494	.00780	.00831	.00874
OUTPUT (SUPPLY-BILLIONS OF DOLLARS)						
DURABLES	.95425	1.04706	1.71211	2.39669	2.46560	2.34662
NONDURABLES	1.13867	1.37893	1.87343	2.39759	2.49351	2.54267
MINING	.00326	.01066	.01362	.01393	.01470	.01671
CONT CONSTRUCTION	.25989	.38484	.32412	.49672	.50136	.51461
TRANSPORT + PUB UT	.25534	.39960	.61061	.76656	.84307	.91880
FINANCE, INS,+ RE	.23702	.36592	.55055	.79403	.91915	1.00405
RETAIL TRADE	.31723	.46779	.64911	.85983	.91513	.96185
WHOLESALE TRADE	.12838	.18609	.30138	.41642	.45348	.50222
SERVICES	.32287	.53340	.85765	1.26812	1.42599	1.59254
AGRI/FOR/FISH	.00996	.01116	.01599	.03285	.02314	.02497
SUPPLY/DEMAND RATIO						
DURABLES	1.11053	1.02944	1.24742	1.28708	1.27002	1.27152
NONDURABLES	1.12364	1.09032	1.05598	1.04599	1.03068	1.01534
MINING	.12982	.32014	.20321	.13033	.11300	.12382
CONT CONSTRUCTION	.97423	.95630	.78142	.80464	.78703	.80286
TRANSPORT + PUB UT	.75294	.80225	.84348	.77524	.78261	.78557
FINANCE, INS,+ RE	.58842	.53255	.58534	.58562	.62151	.62867
RETAIL TRADE	1.13756	1.17317	1.14193	1.16201	1.16614	1.15686
WHOLESALE TRADE	.72271	.75423	.80187	.78020	.79385	.83579
SERVICES	.91276	.95326	.96340	.95821	.96537	.97291
AGRI/FOR/FISH	1.44933	1.05435	.93623	1.21710	.80487	.82568

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	19
PERCENT SHIPPED WITHIN AREA: SS/SUPPLY						
DURABLES	.10939	.11327	.08839	.08999	.09124	.09349
NONDURABLES	.09742	.10207	.10384	.10610	.10776	.11075
MINING	.62769	.25454	.40099	.62522	.72113	.65813
CONT CONSTRUCTION	.75439	.76853	.94052	.91338	.93382	.91541
TRANSPORT + PUB UT	.75558	.71311	.68102	.73785	.73778	.74674
FINANCE, INS,+ RE	.60645	.64639	.60731	.60356	.57283	.57193
RETAIL TRADE	.80818	.78446	.80098	.78521	.78187	.78766
WHOLESALE TRADE	.97961	.93867	.88291	.90743	.89183	.84707
SERVICES	.80011	.78453	.77989	.77150	.76471	.76067
AGRI/FOR/FISH	.49056	.67433	.75942	.58417	.88336	.86109
REGIONAL PURCHASE COEFFICIENT: SS/DEMAND						
DURABLES	.12148	.11661	.11026	.11583	.11587	.11887
NONDURABLES	.10947	.11129	.10965	.11098	.11107	.11245
MINING	.08149	.08149	.08149	.08149	.08149	.08149
CONT CONSTRUCTION	.73495	.73495	.73495	.73495	.73495	.73495
TRANSPORT + PUB UT	.56891	.57209	.57443	.57201	.57739	.58662
FINANCE, INS,+ RE	.35684	.34423	.35548	.35345	.35602	.35955
RETAIL TRADE	.91935	.92031	.91466	.91242	.91177	.91121
WHOLESALE TRADE	.70798	.70798	.70798	.70798	.70798	.70798
SERVICES	.73031	.74786	.75134	.73926	.73823	.74006
AGRI/FOR/FISH	.71099	.71099	.71099	.71099	.71099	.71099
WAGE RATE (THOUSANDS OF DOLLARS)						
DURABLES	6.416	8.715	12.435	15.911	17.657	19.125
NONDURABLES	6.233	8.449	11.951	15.074	16.289	17.599
MINING	8.535	12.146	13.756	17.748	19.402	20.269
CONT CONSTRUCTION	7.399	10.794	12.837	15.124	17.296	19.067
TRANSPORT + PUB UT	6.972	9.399	13.882	18.082	19.850	20.685
FINANCE, INS,+ RE	5.732	7.514	10.371	13.798	14.862	16.142
RETAIL TRADE	3.907	4.875	6.312	7.424	7.893	8.238
WHOLESALE TRADE	6.874	8.915	12.342	16.438	17.535	18.239
SERVICES	3.977	5.655	7.567	9.529	10.430	11.373
AGRI/FOR/FISH	5.124	7.164	8.745	11.232	10.152	10.026
INDUSTRIAL MIX INDEX						
DURABLES	1.07780	1.02916	1.00000	1.01224	1.02318	1.03700
NONDURABLES	.99029	.99180	1.00000	1.01401	1.01982	1.02638
MINING	1.25956	1.20704	1.00000	.89117	.81867	.75437
CONT CONSTRUCTION	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TRANSPORT + PUB UT	.96665	.99645	1.00000	1.00449	1.00900	1.02373
FINANCE, INS,+ RE	1.03529	.99413	1.00000	.98940	.98461	.98397
RETAIL TRADE	.99982	.99986	1.00000	1.00006	1.00007	1.00008
WHOLESALE TRADE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00[illegible]
SERVICES	.96158	.98886	1.00000	1.00732	1.00543	1.001[illegible]
AGRI/FOR/FISH	.99492	1.00954	1.00000	1.01353	1.01572	1.02168

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.704	.583	.684	.636	.613	.525
FURNITURE(25)	.313	.255	.229	.213	.194	.167
STONE,CLAY,ETC.(32)	.741	.620	.687	.754	.692	.603
PRIMARY METALS(33)	3.741	2.608	2.283	2.592	2.438	2.109
FABRICATED METAL(34)	14.107	11.635	11.846	11.531	10.575	9.356
NON-ELEC MACHINE(35)	8.395	6.429	8.608	10.756	10.397	9.405
ELECT. EQUIPMENT(36)	2.711	2.018	2.443	2.721	2.580	2.435
MOTOR VEH.(371)	.052	.040	.042	.045	.039	.027
REST TRANS. EQUIP.	1.227	.788	1.346	1.330	1.201	1.114
INSTRUMENTS(38)	.480	.461	.780	.823	.846	.783
MISC. MANUF.(39)	6.568	5.925	5.843	5.698	5.204	4.623
FOOD(20)	3.890	3.538	2.955	2.865	2.577	2.506
TOBACCO MANUF(21)	1.564	.501	.112	.037	.032	.027
TEXTILES(22)	2.826	2.464	2.241	2.056	1.890	1.567
APPAREL(23)	3.010	2.607	2.410	2.287	2.210	2.039
PAPER(26)	10.082	9.193	8.395	8.122	7.626	7.164
PRINTING(27)	6.158	6.067	6.014	6.435	6.281	6.300
CHEMICALS(28)	3.045	3.092	3.183	3.089	3.109	2.881
PETRO PROD(29)	.028	.028	.046	.048	.058	.051
RUBBER(30)	4.307	3.928	3.586	3.719	3.523	3.396
LEATHER(31)	1.568	1.061	.824	.780	.738	.636
MINING	.086	.192	.160	.127	.122	.130
CONSTRUCTION	8.237	8.698	5.413	6.581	6.080	5.816
RAILROAD(40)	.720	.491	.492	.442	.406	.352
TRUCKING(42)	2.576	2.619	2.566	2.446	2.421	2.338
LOCAL/INTERURBAN(41)	1.071	1.143	1.409	1.406	1.334	1.364
AIR TRANSP.(45)	.021	.025	.027	.033	.031	.029
OTHER TRANSP.	.328	.330	.364	.420	.441	.480
COMMUNICATION(48)	2.525	3.249	3.122	3.171	3.242	3.301
PUBLIC UTILITIES(49)	1.457	1.512	1.540	1.493	1.483	1.472
BANKING(60)	2.136	2.609	3.042	3.172	3.400	3.474
INSURANCE(63+64)	6.561	6.928	7.238	8.006	8.361	8.347
CREDIT&FINANCE(61+62	.371	.414	.435	.647	.693	.731
REAL ESTATE(65,69)	.565	.633	.706	.819	.878	.880
EATING & DRINKING(58	7.156	8.684	10.643	12.196	12.140	12.342
REST OF RETAL(R52)	25.463	28.133	26.591	27.686	27.522	27.114
WHOLESALE	7.499	7.999	9.126	9.814	9.869	10.218
HOTELS(70)	1.779	1.893	2.007	2.248	2.309	2.489
PER. SERV. & REPR.	3.985	3.417	3.287	3.496	3.528	3.598
PRIVATE HOUSEHOLD	2.791	2.356	2.126	1.734	1.747	1.766
AUTO REP/SERV(75)	.930	1.052	1.098	1.225	1.227	1.293
MISC. BUSI. SERV.(73	2.184	2.381	2.811	3.989	4.243	4.460
AMUSE.&RECREATION(79	.841	1.051	1.143	1.272	1.252	1.286
MOTION PICTURES(78)	.326	.332	.293	.293	.280	.269
MEDICAL(80)	6.870	10.531	13.485	15.036	15.818	16.243
MISC. PROF. SERV.(81	1.125	1.483	1.705	2.182	2.262	2.327
EDUCTAION(82)	8.168	8.474	10.208	11.899	11.818	11.752
NON-PROFIT ORG.(83)	5.034	5.984	6.294	6.987	6.899	6.957
AGRI/FOR/FISH SERV.	.612	.483	.517	.866	.574	.604

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

WAGE AND SALARY DISBURSEMENTS (IN BILLIONS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.00346	.00391	.00592	.00712	.00751	.00696
FURNITURE(25)	.00162	.00174	.00219	.00264	.00269	.00247
STONE,CLAY,ETC.(32)	.00512	.00595	.00921	.01273	.01261	.01168
PRIMARY METALS(33)	.02450	.02245	.02882	.04135	.04263	.03877
FABRICATED METAL(34)	.09262	.10590	.14810	.18273	.18619	.17577
NON-ELEC MACHINE(35)	.05905	.06188	.11812	.18674	.20005	.19796
ELECT. EQUIPMENT(36)	.01699	.01810	.03138	.04450	.04745	.04924
MOTOR VEH.(371)	.00037	.00045	.00070	.00090	.00091	.00069
REST TRANS. EQUIP.	.00919	.00787	.02055	.02683	.02663	.02718
INSTRUMENTS(38)	.00329	.00445	.01111	.01491	.01688	.01654
MISC. MANUF.(39)	.03426	.04064	.05651	.06984	.07057	.06840
FOOD(20)	.02393	.02963	.03396	.04109	.04082	.04260
TOBACCO MANUF(21)	.00717	.00412	.00117	.00019	.00017	.00018
TEXTILES(22)	.01592	.01857	.02347	.02676	.02726	.02416
APPAREL(23)	.01281	.01452	.01859	.02162	.02249	.02187
PAPER(26)	.06802	.08233	.10980	.13567	.13802	.13794
PRINTING(27)	.04070	.05464	.07311	.09358	.09927	.10736
CHEMICALS(28)	.02431	.03206	.04777	.06421	.06679	.07029
PETRO PROD(29)	.00021	.00033	.00077	.00101	.00131	.00127
RUBBER(30)	.02638	.03134	.03999	.05104	.05186	.05387
LEATHER(31)	.00793	.00687	.00712	.00857	.00880	.00800
MINING	.00073	.00233	.00220	.00225	.00237	.00264
CONSTRUCTION	.06094	.09389	.06949	.09953	.10516	.11090
RAILROAD(40)	.00573	.00559	.00852	.01064	.01048	.00959
TRUCKING(42)	.01794	.02544	.03422	.04214	.04425	.04310
LOCAL/INTERURBAN(41)	.00485	.00606	.01036	.01290	.01357	.01390
AIR TRANSP.(45)	.00018	.00030	.00048	.00075	.00078	.00077
OTHER TRANSP.	.00180	.00244	.00378	.00562	.00638	.00708
COMMUNICATION(48)	.01774	.03111	.04984	.06607	.07568	.08248
PUBLIC UTILITIES(49)	.01241	.01711	.02497	.03205	.03464	.03621
BANKING(60)	.01140	.01811	.02730	.03729	.04360	.04858
INSURANCE(63+64)	.03836	.05290	.07902	.11592	.13003	.14066
CREDIT&FINANCE(61+62	.00304	.00452	.00626	.01213	.01357	.01576
REAL ESTATE(65,69)	.00242	.00399	.00589	.00912	.01093	.01179
EATING & DRINKING(58	.02129	.02976	.04821	.06562	.06964	.07394
REST OF RETAL(R52)	.10615	.14972	.18681	.23048	.24339	.25112
WHOLESALE	.05155	.07131	.11263	.16132	.17305	.18637
HOTELS(70)	.00566	.00745	.01113	.01634	.01799	.02077
PER. SERV. & REPR.	.01548	.01679	.02303	.03103	.03297	.03570
PRIVATE HOUSEHOLD	.00579	.00578	.00783	.00864	.00907	.00971
AUTO REP/SERV(75)	.00384	.00596	.00891	.01240	.01329	.01494
MISC. BUSI. SERV.(73	.01278	.01616	.02365	.04427	.05271	.06099
AMUSE.&RECREATION(79	.00309	.00491	.00722	.00984	.01046	.01132
MOTION PICTURES(78)	.00101	.00147	.00150	.00224	.00234	.00252
MEDICAL(80)	.02781	.06159	.11572	.16512	.18573	.21088
MISC. PROF. SERV.(81	.00804	.01375	.02273	.03796	.04289	.04856
EDUCTAION(82)	.03372	.05861	.08054	.10471	.11938	.1[illegible]
NON-PROFIT ORG.(83)	.01812	.02783	.03414	.04733	.04910	.05[illegible]
AGRI/FOR/FISH SERV.	.00314	.00346	.00452	.00973	.00583	.00606

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

INTERMEDIATE EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.032	.029	.028	.028	.025	.022
FURNITURE(25)	.000	.000	.000	.000	.000	.000
STONE,CLAY,ETC.(32)	.581	.546	.429	.443	.406	.367
PRIMARY METALS(33)	.204	.156	.147	.146	.136	.112
FABRICATED METAL(34)	.898	.771	.719	.745	.697	.625
NON-ELEC MACHINE(35)	.345	.276	.327	.391	.376	.340
ELECT. EQUIPMENT(36)	.127	.101	.105	.120	.115	.110
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.095	.062	.088	.091	.083	.078
INSTRUMENTS(38)	.065	.062	.081	.090	.090	.088
MISC. MANUF.(39)	.109	.100	.096	.093	.086	.078
FOOD(20)	.161	.149	.127	.125	.116	.113
TOBACCO MANUF(21)	.039	.013	.003	.001	.001	.001
TEXTILES(22)	.157	.138	.120	.111	.103	.089
APPAREL(23)	.031	.028	.026	.024	.023	.021
PAPER(26)	.460	.421	.388	.377	.357	.337
PRINTING(27)	1.183	1.154	1.138	1.215	1.193	1.196
CHEMICALS(28)	.166	.149	.146	.147	.142	.135
PETRO PROD(29)	.012	.012	.012	.011	.011	.010
RUBBER(30)	.147	.154	.161	.163	.158	.147
LEATHER(31)	.013	.009	.007	.007	.006	.006
MINING	.052	.047	.063	.077	.086	.083
CONSTRUCTION	.772	.803	.790	.860	.822	.760
RAILROAD(40)	.313	.228	.189	.182	.164	.140
TRUCKING(42)	.935	.925	.897	.924	.881	.843
LOCAL/INTERURBAN(41)	.320	.279	.255	.261	.249	.245
AIR TRANSP.(45)	.006	.006	.006	.008	.007	.007
OTHER TRANSP.	.162	.140	.144	.167	.170	.171
COMMUNICATION(48)	1.028	1.160	1.128	1.249	1.253	1.281
PUBLIC UTILITIES(49)	.716	.728	.731	.769	.767	.775
BANKING(60)	.720	.853	.963	1.111	1.130	1.146
INSURANCE(63+64)	1.355	1.425	1.490	1.648	1.707	1.709
CREDIT&FINANCE(61+62	.117	.130	.139	.167	.174	.179
REAL ESTATE(65,69)	.117	.140	.142	.160	.157	.156
EATING & DRINKING(58	1.336	1.535	2.057	2.368	2.378	2.414
REST OF RETAL(R52)	1.302	1.400	1.070	1.174	1.141	1.159
WHOLESALE	3.700	3.696	4.053	4.518	4.415	4.317
HOTELS(70)	.091	.099	.102	.114	.114	.116
PER. SERV. & REPR.	.947	.797	.754	.786	.781	.783
PRIVATE HOUSEHOLD	.000	.000	.000	.000	.000	.000
AUTO REP/SERV(75)	.289	.319	.357	.398	.391	.404
MISC. BUSI. SERV.(73	1.571	1.859	2.378	3.062	3.147	3.179
AMUSE.&RECREATION(79	.173	.212	.244	.265	.264	.272
MOTION PICTURES(78)	.097	.101	.095	.093	.091	.087
MEDICAL(80)	.140	.211	.269	.302	.319	.328
MISC. PROF. SERV.(81	.772	.948	1.013	1.283	1.318	1.354
EDUCTAION(82)	.120	.135	.145	.169	.168	.165
NON-PROFIT ORG.(83)	.855	.895	.956	1.013	.989	.983
AGRI/FOR/FISH SERV.	.178	.193	.234	.295	.296	.303

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

INDUCED EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.003	.003	.002	.002	.002	.002
FURNITURE(25)	.005	.006	.004	.004	.004	.004
STONE,CLAY,ETC.(32)	.056	.055	.052	.050	.048	.043
PRIMARY METALS(33)	.001	.001	.000	.000	.000	.000
FABRICATED METAL(34)	.119	.107	.085	.087	.084	.075
NON-ELEC MACHINE(35)	.360	.320	.237	.291	.281	.262
ELECT. EQUIPMENT(36)	.196	.166	.123	.138	.134	.128
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.940	.629	.349	.409	.403	.366
INSTRUMENTS(38)	.139	.134	.130	.153	.153	.152
MISC. MANUF.(39)	.147	.140	.127	.118	.112	.105
FOOD(20)	.333	.301	.274	.268	.258	.253
TOBACCO MANUF(21)	.028	.023	.019	.022	.024	.025
TEXTILES(22)	.029	.028	.022	.020	.019	.018
APPAREL(23)	.132	.122	.107	.098	.095	.089
PAPER(26)	.033	.031	.029	.029	.028	.027
PRINTING(27)	.258	.255	.249	.271	.271	.271
CHEMICALS(28)	.046	.043	.042	.043	.042	.041
PETRO PROD(29)	.010	.009	.009	.008	.008	.008
RUBBER(30)	.026	.030	.031	.030	.030	.028
LEATHER(31)	.031	.024	.019	.017	.017	.016
MINING	.002	.001	.002	.002	.002	.002
CONSTRUCTION	5.442	5.882	4.302	5.151	4.856	4.564
RAILROAD(40)	.122	.094	.075	.071	.066	.057
TRUCKING(42)	.407	.421	.398	.412	.400	.383
LOCAL/INTERURBAN(41)	.718	.668	.592	.598	.585	.580
AIR TRANSP.(45)	.006	.007	.007	.008	.007	.007
OTHER TRANSP.	.110	.092	.083	.095	.097	.094
COMMUNICATION(48)	.837	.938	.862	.955	.962	.984
PUBLIC UTILITIES(49)	.512	.541	.531	.571	.580	.595
BANKING(60)	1.264	1.536	1.734	1.962	2.001	2.035
INSURANCE(63+64)	.914	.950	.996	1.084	1.081	1.093
CREDIT&FINANCE(61+62	.231	.266	.278	.322	.335	.346
REAL ESTATE(65,69)	.391	.470	.462	.508	.500	.497
EATING & DRINKING(58	3.966	4.574	5.882	6.560	6.595	6.722
REST OF RETAL(R52)	19.958	21.560	20.945	21.363	21.021	20.925
WHOLESALE	3.646	3.813	4.004	4.387	4.387	4.339
HOTELS(70)	.175	.194	.189	.206	.209	.212
PER. SERV. & REPR.	2.643	2.254	2.075	2.152	2.149	2.164
PRIVATE HOUSEHOLD	2.704	2.244	1.806	1.433	1.411	1.439
AUTO REP/SERV(75)	.586	.656	.724	.795	.785	.804
MISC. BUSI. SERV.(73	.192	.235	.273	.362	.381	.379
AMUSE.&RECREATION(79	.642	.723	.835	.905	.903	.932
MOTION PICTURES(78)	.174	.167	.159	.162	.159	.153
MEDICAL(80)	6.103	8.729	10.873	12.402	12.889	13.428
MISC. PROF. SERV.(81	.295	.385	.433	.549	.575	.584
EDUCTAION(82)	3.708	4.131	4.349	4.859	4.879	4.[illegible]
NON-PROFIT ORG.(83)	3.537	3.760	3.925	4.055	3.971	3.[illegible]
AGRI/FOR/FISH SERV.	.122	.133	.158	.211	.211	.217

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

EXPORT EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.669	.551	.653	.606	.586	.501
FURNITURE(25)	.307	.249	.224	.208	.190	.163
STONE;CLAY,ETC.(32)	.104	.019	.206	.261	.238	.193
PRIMARY METALS(33)	3.536	2.451	2.136	2.445	2.302	1.997
FABRICATED METAL(34)	13.090	10.756	11.043	10.699	9.794	8.656
NON-ELEC MACHINE(35)	7.690	5.833	8.044	10.075	9.740	8.803
ELECT. EQUIPMENT(36)	2.388	1.751	2.215	2.463	2.330	2.197
MOTOR VEH.(371)	.052	.040	.042	.045	.039	.027
REST TRANS. EQUIP.	.192	.097	.909	.830	.715	.671
INSTRUMENTS(38)	.276	.265	.569	.580	.603	.544
MISC. MANUF.(39)	6.312	5.685	5.620	5.487	5.006	4.439
FOOD(20)	3.396	3.088	2.554	2.473	2.203	2.140
TOBACCO MANUF(21)	1.497	.466	.090	.014	.007	.001
TEXTILES(22)	2.640	2.298	2.099	1.925	1.768	1.460
APPAREL(23)	2.847	2.457	2.278	2.164	2.092	1.929
PAPER(26)	9.590	8.741	7.978	7.716	7.241	6.799
PRINTING(27)	4.717	4.658	4.627	4.949	4.817	4.833
CHEMICALS(28)	2.833	2.900	2.994	2.898	2.924	2.705
PETRO PROD(29)	.006	.007	.025	.028	.038	.033
RUBBER(30)	4.134	3.744	3.394	3.526	3.335	3.221
LEATHER(31)	1.524	1.027	.798	.756	.714	.615
MINING	.032	.143	.096	.048	.034	.044
CONSTRUCTION	2.023	2.013	.322	.570	.402	.492
RAILROAD(40)	.285	.169	.228	.189	.176	.154
TRUCKING(42)	1.234	1.273	1.271	1.110	1.140	1.113
LOCAL/INTERURBAN(41)	.033	.197	.562	.548	.500	.540
AIR TRANSP.(45)	.009	.012	.014	.018	.016	.015
OTHER TRANSP.	.056	.098	.136	.158	.174	.215
COMMUNICATION(48)	.660	1.151	1.132	.967	1.027	1.036
PUBLIC UTILITIES(49)	.228	.243	.278	.153	.135	.102
BANKING(60)	.152	.220	.345	.098	.269	.293
INSURANCE(63+64)	4.292	4.553	4.752	5.274	5.573	5.545
CREDIT&FINANCE(61+62	.023	.018	.018	.158	.184	.207
REAL ESTATE(65,69)	.058	.022	.102	.151	.220	.227
EATING & DRINKING(58	1.854	2.576	2.704	3.268	3.167	3.206
REST OF RETAL(R52)	4.203	5.173	4.575	5.148	5.361	5.030
WHOLESALE	.153	.491	1.069	.908	1.068	1.563
HOTELS(70)	1.514	1.600	1.716	1.928	1.985	2.161
PER. SERV. & REPR.	.395	.366	.458	.557	.598	.651
PRIVATE HOUSEHOLD	.087	.112	.320	.301	.336	.327
AUTO REP/SERV(75)	.055	.077	.017	.032	.051	.084
MISC. BUSI. SERV.(73	.421	.288	.160	.565	.715	.902
AMUSE.&RECREATION(79	.026	.116	.064	.102	.085	.082
MOTION PICTURES(78)	.056	.065	.039	.037	.030	.028
MEDICAL(80)	.628	1.590	2.343	2.333	2.610	2.488
MISC. PROF. SERV.(81	.058	.150	.259	.350	.369	.388
EDUCTAION(82)	4.340	4.207	5.714	6.871	6.771	6.777
NON-PROFIT ORG.(83)	.642	1.330	1.413	1.919	1.939	1.994
AGRI/FOR/FISH SERV.	.312	.157	.124	.360	.067	.084

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

EXOGENOUS EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.000	.000	.000	.000	.000	.000
FURNITURE(25)	.000	.000	.000	.000	.000	.000
STONE,CLAY,ETC.(32)	.000	.000	.000	.000	.000	.000
PRIMARY METALS(33)	.000	.000	.000	.000	.000	.000
FABRICATED METAL(34)	.000	.000	.000	.000	.000	.000
NON-ELEC MACHINE(35)	.000	.000	.000	.000	.000	.000
ELECT. EQUIPMENT(36)	.000	.000	.000	.000	.000	.000
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.000	.000	.000	.000	.000	.000
INSTRUMENTS(38)	.000	.000	.000	.000	.000	.000
MISC. MANUF.(39)	.000	.000	.000	.000	.000	.000
FOOD(20)	.000	.000	.000	.000	.000	.000
TOBACCO MANUF(21)	.000	.000	.000	.000	.000	.000
TEXTILES(22)	.000	.000	.000	.000	.000	.000
APPAREL(23)	.000	.000	.000	.000	.000	.000
PAPER(26)	.000	.000	.000	.000	.000	.000
PRINTING(27)	.000	.000	.000	.000	.000	.000
CHEMICALS(28)	.000	.000	.000	.000	.000	.000
PETRO PROD(29)	.000	.000	.000	.000	.000	.000
RUBBER(30)	.000	.000	.000	.000	.000	.000
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.000	.000	.000	.000	.000	.000
CONSTRUCTION	.000	.000	.000	.000	.000	.000
RAILROAD(40)	.000	.000	.000	.000	.000	.000
TRUCKING(42)	.000	.000	.000	.000	.000	.000
LOCAL/INTERURBAN(41)	.000	.000	.000	.000	.000	.000
AIR TRANSP.(45)	.000	.000	.000	.000	.000	.000
OTHER TRANSP.	.000	.000	.000	.000	.000	.000
COMMUNICATION(48)	.000	.000	.000	.000	.000	.000
PUBLIC UTILITIES(49)	.000	.000	.000	.000	.000	.000
BANKING(60)	.000	.000	.000	.000	.000	.000
INSURANCE(63+64)	.000	.000	.000	.000	.000	.000
CREDIT&FINANCE(61+62	.000	.000	.000	.000	.000	.000
REAL ESTATE(65,69)	.000	.000	.000	.000	.000	.000
EATING & DRINKING(58	.000	.000	.000	.000	.000	.000
REST OF RETAL(R52)	.000	.000	.000	.000	.000	.000
WHOLESALE	.000	.000	.000	.000	.000	.000
HOTELS(70)	.000	.000	.000	.000	.000	.000
PER. SERV. & REPR.	.000	.000	.000	.000	.000	.000
PRIVATE HOUSEHOLD	.000	.000	.000	.000	.000	.000
AUTO REP/SERV(75)	.000	.000	.000	.000	.000	.000
MISC. BUSI. SERV.(73	.000	.000	.000	.000	.000	.000
AMUSE.&RECREATION(79	.000	.000	.000	.000	.000	.000
MOTION PICTURES(78)	.000	.000	.000	.000	.000	.000
MEDICAL(80)	.000	.000	.000	.000	.000	.000
MISC. PROF. SERV.(81	.000	.000	.000	.000	.000	.000
EDUCTAION(82)	.000	.000	.000	.000	.000	[illegible]
NON-PROFIT ORG.(83)	.000	.000	.000	.000	.000	[illegible]
AGRI/FOR/FISH SERV.	.000	.000	.000	.000	.000	.000

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

PRODUCTION COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.98992	.98211	.94831	.94948	.94956	.95455
FURNITURE(25)	.96872	.97417	.97614	.97753	.98739	.98925
STONE,CLAY,ETC.(32)	1.03765	1.04860	1.01888	1.00166	.99682	.99633
PRIMARY METALS(33)	.94597	.94057	.91686	.90695	.90483	.91043
FABRICATED METAL(34)	.96251	.97803	.96080	.95778	.96221	.96504
NON-ELEC MACHINE(35)	.98234	.99224	.98481	.97486	.97804	.98716
ELECT. EQUIPMENT(36)	.92309	.94585	.94417	.93670	.94326	.94530
MOTOR VEH.(371)	.99297	1.00436	.99696	.99079	1.00141	1.01216
REST TRANS. EQUIP.	.83993	.84965	.85389	.84697	.84719	.84831
INSTRUMENTS(38)	.99459	1.02370	1.04098	1.02993	1.02778	1.01392
MISC. MANUF.(39)	.97911	.97992	.98290	.97488	.97662	.97592
FOOD(20)	1.00812	1.01244	.99933	.99367	.99445	.99507
TOBACCO MANUF(21)	.96679	.98254	.96280	.88275	.87705	.88762
TEXTILES(22)	1.05419	1.05290	1.04424	1.03797	1.04325	1.05074
APPAREL(23)	1.00509	1.00705	1.00785	.99895	.99673	.99858
PAPER(26)	.99640	.99741	.98041	.96701	.96466	.96321
PRINTING(27)	.97656	.98204	.98142	.96951	.97029	.97146
CHEMICALS(28)	1.05404	1.05540	1.02896	1.03078	1.01907	1.02617
PETRO PROD(29)	1.68404	1.94119	1.55310	1.43184	1.43036	1.42827
RUBBER(30)	.98468	.98935	.98385	.97050	.96432	.96605
LEATHER(31)	1.04343	1.03678	1.03772	1.02915	1.02920	1.03363
MINING	1.03715	1.04462	.96786	.94641	.93809	.93337
CONSTRUCTION	.98901	1.00415	.97098	.95090	.95864	.96603
RAILROAD(40)	.99451	.97441	.96521	.97257	.97129	.96213
TRUCKING(42)	1.00500	.99377	.97671	.97798	.96730	.96029
LOCAL/INTERURBAN(41)	.95215	.94533	.93657	.92603	.93463	.92453
AIR TRANSP.(45)	.98478	.97964	.98295	.97283	.97906	.98043
OTHER TRANSP.	.85556	.86793	.85232	.84460	.84385	.83322
COMMUNICATION(48)	1.00455	.99471	1.00655	1.00509	1.00366	.99955
PUBLIC UTILITIES(49)	1.03061	1.05802	1.04735	1.01322	1.00849	1.00376
BANKING(60)	.96940	.96768	.94069	.95030	.94472	.93800
INSURANCE(63+64)	.96077	.94986	.95238	.96286	.95651	.95658
CREDIT&FINANCE(61+62	.96402	.95668	.94296	.92512	.90639	.90333
REAL ESTATE(65,69)	1.01222	1.02411	1.01520	1.00477	.99897	.99963
EATING & DRINKING(58	.99308	.98691	.98498	.97253	.96882	.96678
REST OF RETAL(R52)	.95119	.93481	.91750	.89598	.89174	.89123
WHOLESALE	.96852	.95846	.94934	.95863	.95143	.94318
HOTELS(70)	.96748	.93591	.94912	.92473	.91434	.91899
PER. SERV. & REPR.	.97443	.96768	.97212	.95926	.95136	.95753
PRIVATE HOUSEHOLD	1.24677	1.17996	1.21942	1.22900	1.20792	1.20488
AUTO REP/SERV(75)	.99023	.99469	.99281	.98386	.97932	.98062
MISC. BUSI. SERV.(73	1.00389	.98916	.96151	.95913	.96135	.96493
AMUSE.&RECREATION(79	.91253	.93795	.95001	.93477	.93166	.92851
MOTION PICTURES(78)	.83793	.88551	.81864	.83507	.82949	.83779
MEDICAL(80)	.91990	.89728	.88411	.87006	.85585	.85874
MISC. PROF. SERV.(81	.99459	.98789	.98011	.97003	.96005	.96201
EDUCTAION(82)	1.01194	1.04749	1.01589	.98767	1.02432	1.01892
NON-PROFIT ORG.(83)	.94787	.93217	.87261	.86667	.85585	.84823
AGRI/FOR/FISH SERV.	1.09904	1.10115	1.06631	1.06770	1.01471	1.00220

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

FACTOR COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.95697	.93636	.85729	.86022	.87095	.88757
FURNITURE(25)	.93072	.94414	.95303	.95671	.98065	.98590
STONE,CLAY,ETC.(32)	1.06442	1.08329	1.03689	1.00852	1.00122	1.00119
PRIMARY METALS(33)	.86752	.85439	.79792	.77329	.76850	.78336
FABRICATED METAL(34)	.91785	.95420	.91772	.91139	.92222	.92919
NON-ELEC MACHINE(35)	.96733	.98837	.97551	.95515	.96230	.98187
ELECT. EQUIPMENT(36)	.83396	.88495	.88473	.86922	.88450	.88951
MOTOR VEH.(371)	.98580	1.02302	1.00355	.98346	1.01910	1.05534
REST TRANS. EQUIP.	.66919	.68981	.70138	.68800	.68886	.69154
INSTRUMENTS(38)	.99352	1.05136	1.08874	1.06789	1.06436	1.03783
MISC. MANUF.(39)	.95079	.95488	.96817	.94806	.95388	.95311
FOOD(20)	1.01589	1.02416	1.00405	.99413	.99668	.99863
TOBACCO MANUF(21)	.94927	.97400	.94484	.82195	.81330	.82963
TEXTILES(22)	1.15775	1.15511	1.13340	1.11534	1.13161	1.15403
APPAREL(23)	1.01355	1.02058	1.02610	1.00123	.99581	1.00163
PAPER(26)	.99397	.99704	.96054	.92991	.92512	.92243
PRINTING(27)	.93968	.95759	.95878	.92766	.93074	.93535
CHEMICALS(28)	1.12221	1.12634	1.07192	1.07690	1.05146	1.06759
PETRO PROD(29)	1.75905	2.04365	1.61467	1.48064	1.47901	1.47677
RUBBER(30)	.96555	.97700	.96839	.93840	.92510	.92938
LEATHER(31)	1.08313	1.07138	1.07493	1.05887	1.05945	1.06821
MINING	1.04885	1.05800	.96054	.93361	.92289	.91670
CONSTRUCTION	.98194	1.01354	.95130	.91274	.93011	.94596
RAILROAD(40)	.99791	.96357	.95534	.97061	.96786	.95247
TRUCKING(42)	1.00968	.99521	.97334	.97542	.96140	.95228
LOCAL/INTERURBAN(41)	.94217	.93369	.92443	.91197	.92299	.91046
AIR TRANSP.(45)	.98476	.97802	.98462	.97117	.98035	.98273
OTHER TRANSP.	.77584	.79560	.77348	.76179	.76097	.74423
COMMUNICATION(48)	1.01026	.99569	1.01520	1.01431	1.01249	1.00659
PUBLIC UTILITIES(49)	1.03553	1.06639	1.05584	1.01785	1.01252	1.00707
BANKING(60)	.96262	.96127	.92941	.94207	.93534	.92694
INSURANCE(63+64)	.93966	.92339	.93026	.94840	.93801	.93897
CREDIT&FINANCE(61+62	.92580	.91227	.89177	.85205	.81167	.80615
REAL ESTATE(65,69)	1.01495	1.02809	1.01991	1.00887	1.00199	1.00245
EATING & DRINKING(58	.98889	.97638	.97629	.95007	.94383	.94058
REST OF RETAL(R52)	.94068	.92097	.90135	.87536	.87045	.86988
WHOLESALE	.96011	.94792	.93777	.95080	.94199	.93141
HOTELS(70)	.95000	.89952	.92457	.88761	.87190	.87910
PER. SERV. & REPR.	.96184	.95176	.96100	.94150	.92970	.93973
PRIVATE HOUSEHOLD	1.24677	1.17996	1.21942	1.22900	1.20792	1.20488
AUTO REP/SERV(75)	.98382	.99396	.99292	.97510	.96655	.96969
MISC. BUSI. SERV.(73	1.00858	.98586	.94375	.94137	.94547	.95136
AMUSE.&RECREATION(79	.87853	.91486	.93426	.91398	.91064	.90644
MOTION PICTURES(78)	.70153	.79052	.67000	.70280	.69286	.70881
MEDICAL(80)	.88811	.85635	.83961	.82078	.80126	.80542
MISC. PROF. SERV.(81	.99425	.98632	.97763	.96542	.95294	.95564
EDUCTAION(82)	.97872	1.02548	.98609	.95015	.99912	.99[illegible]
NON-PROFIT ORG.(83)	.92606	.90307	.81997	.81381	.79823	.78[illegible]
AGRI/FOR/FISH SERV.	1.15158	1.15551	1.10580	1.10852	1.02962	1.011[illegible]

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

LABOR COSTS (WAGES) RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.86813	.82575	.71529	.72881	.74631	.77065
FURNITURE(25)	.88103	.89368	.90951	.91952	.95117	.95720
STONE,CLAY,ETC.(32)	.99313	.99481	.96626	.94068	.93103	.93115
PRIMARY METALS(33)	.66479	.62982	.58567	.56851	.56382	.58474
FABRICATED METAL(34)	.84464	.88754	.84633	.84409	.85976	.86831
NON-ELEC MACHINE(35)	.91470	.93923	.92727	.90458	.91577	.94241
ELECT. EQUIPMENT(36)	.76235	.82208	.82550	.81034	.83024	.83583
MOTOR VEH.(371)	.94031	.99538	.96966	.94335	1.00559	1.06623
REST TRANS. EQUIP.	.58105	.60200	.61772	.60520	.60665	.60924
INSTRUMENTS(38)	.96498	1.04005	1.09728	1.07393	1.07074	1.03242
MISC. MANUF.(39)	.88987	.89075	.91471	.89450	.90328	.90131
FOOD(20)	.98824	1.00329	.94208	.91774	.93146	.93723
TOBACCO MANUF(21)	.58901	.70329	.55939	.18205	.16917	.19587
TEXTILES(22)	1.21573	1.20296	1.17342	1.15261	1.18252	1.22096
APPAREL(23)	.99846	1.00538	1.01291	.98731	.98136	.98744
PAPER(26)	.84919	.82467	.80228	.77839	.77187	.76715
PRINTING(27)	.89042	.91110	.91659	.87860	.88435	.89005
CHEMICALS(28)	.98222	.93604	.90596	.96357	.91119	.94501
PETRO PROD(29)	.86889	.98443	.88677	.82809	.82337	.78997
RUBBER(30)	.88454	.89509	.89043	.85413	.83534	.84070
LEATHER(31)	1.10984	1.08492	1.09521	1.07436	1.07693	1.08894
MINING	.94572	.95252	.67524	.64505	.63045	.61382
CONSTRUCTION	.93080	.98476	.87170	.80932	.84704	.87620
RAILROAD(40)	.99086	.94043	.93174	.96021	.95770	.93904
TRUCKING(42)	.99960	.95742	.92790	.94894	.93131	.91641
LOCAL/INTERURBAN(41)	.81646	.76380	.75606	.75921	.79696	.76796
AIR TRANSP.(45)	.95249	.91704	.93427	.93664	.95795	.96227
OTHER TRANSP.	.61441	.62664	.59898	.59933	.60148	.57749
COMMUNICATION(48)	.99644	.94182	.99749	1.01641	1.02589	1.01278
PUBLIC UTILITIES(49)	1.07409	1.02835	.98974	1.01901	1.00366	.96519
BANKING(60)	.91137	.89934	.85145	.88270	.87702	.86258
INSURANCE(63+64)	.89923	.87091	.88434	.91600	.90461	.90603
CREDIT&FINANCE(61+62	.91552	.90217	.88168	.84259	.80152	.79591
REAL ESTATE(65,69)	.91439	.91402	.92175	.93820	.96261	.97522
EATING & DRINKING(58	.94649	.91885	.92327	.88496	.87707	.86954
REST OF RETAL(R52)	.86776	.83363	.80734	.77518	.77001	.76781
WHOLESALE	.89996	.87608	.86280	.89094	.87836	.85854
HOTELS(70)	.88858	.82969	.86216	.82681	.80899	.81751
PER. SERV. & REPR.	.88480	.85676	.88159	.86101	.84674	.86465
PRIVATE HOUSEHOLD	1.24677	1.17996	1.21942	1.22900	1.20792	1.20488
AUTO REP/SERV(75)	.84557	.84569	.86739	.84476	.83722	.84797
MISC. BUSI. SERV.(73	.97946	.92464	.85677	.86572	.88047	.89126
AMUSE.&RECREATION(79	.79319	.84167	.87566	.85175	.85053	.84410
MOTION PICTURES(78)	.54412	.65563	.50470	.55151	.54164	.56196
MEDICAL(80)	.81633	.76871	.75012	.73147	.70847	.71396
MISC. PROF. SERV.(81	.96557	.93567	.92827	.91770	.90227	.90741
EDUCTAION(82)	.95609	1.00630	.96589	.93171	.98329	.97569
NON-PROFIT ORG.(83)	.89817	.87430	.78714	.78393	.76761	.75593
AGRI/FOR/FISH SERV.	1.29585	1.29221	1.17866	1.21098	1.02664	.98382

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

FUEL COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	19
LUMBER(24)	1.48150	1.55660	1.46285	1.37081	1.37081	1.37081
FURNITURE(25)	1.64181	1.70911	1.59856	1.48876	1.48876	1.48876
STONE,CLAY,ETC.(32)	1.57563	1.75282	1.50895	1.39896	1.39896	1.39896
PRIMARY METALS(33)	1.54852	1.66606	1.50500	1.40221	1.40221	1.40221
FABRICATED METAL(34)	1.70899	1.82158	1.63901	1.51812	1.51812	1.51812
NON-ELEC MACHINE(35)	1.67061	1.74776	1.61899	1.50511	1.50511	1.50511
ELECT. EQUIPMENT(36)	1.69761	1.75739	1.64683	1.53107	1.53107	1.53107
MOTOR VEH.(371)	1.64566	1.72402	1.59808	1.48702	1.48702	1.48702
REST TRANS. EQUIP.	1.64566	1.72402	1.59808	1.48702	1.48702	1.48702
INSTRUMENTS(38)	1.57746	1.62860	1.55081	1.44968	1.44968	1.44968
MISC. MANUF.(39)	1.61887	1.67642	1.58289	1.47649	1.47649	1.47649
FOOD(20)	1.61262	1.75533	1.55024	1.43839	1.43839	1.43839
TOBACCO MANUF(21)	1.42087	1.46266	1.42315	1.34059	1.34059	1.34059
TEXTILES(22)	1.53398	1.58971	1.51316	1.41667	1.41667	1.41667
APPAREL(23)	1.62026	1.64566	1.59490	1.49082	1.49082	1.49082
PAPER(26)	1.41827	1.53019	1.39759	1.30979	1.30979	1.30979
PRINTING(27)	1.69461	1.73337	1.65140	1.53757	1.53757	1.53757
CHEMICALS(28)	1.66374	1.81956	1.58833	1.46974	1.46974	1.46974
PETRO PROD(29)	1.96534	2.33142	1.77265	1.60657	1.60657	1.60657
RUBBER(30)	1.60809	1.66172	1.57531	1.47045	1.47045	1.47045
LEATHER(31)	1.52276	1.58133	1.50285	1.40742	1.40742	1.40742
MINING	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
CONSTRUCTION	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
RAILROAD(40)	1.03381	1.08931	1.08664	1.02034	1.02034	1.02034
TRUCKING(42)	1.03381	1.08931	1.08664	1.02034	1.02034	1.02034
LOCAL/INTERURBAN(41)	1.03381	1.08931	1.08664	1.02034	1.02034	1.02034
AIR TRANSP.(45)	1.03381	1.08931	1.08664	1.02034	1.02034	1.02034
OTHER TRANSP.	1.03381	1.08931	1.08664	1.02034	1.02034	1.02034
COMMUNICATION(48)	1.03381	1.08931	1.08664	1.02034	1.02034	1.02034
PUBLIC UTILITIES(49)	1.03381	1.08931	1.08664	1.02034	1.02034	1.02034
BANKING(60)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
INSURANCE(63+64)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
CREDIT&FINANCE(61+62	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
REAL ESTATE(65,69)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
EATING & DRINKING(58	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
REST OF RETAL(R52)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
WHOLESALE	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
HOTELS(70)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
PER. SERV. & REPR.	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
PRIVATE HOUSEHOLD	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
AUTO REP/SERV(75)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
MISC. BUSI. SERV.(73	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
AMUSE.&RECREATION(79	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
MOTION PICTURES(78)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
MEDICAL(80)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
MISC. PROF. SERV.(81	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
EDUCTAION(82)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
NON-PROFIT ORG.(83)	1.35909	1.33749	1.31863	1.25048	1.25048	1.25048
AGRI/FOR/FISH SERV.	1.35909	1.33749	1.31863	1.25048	1.25048	1.25

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

CAPITAL COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.00989	1.01827	1.01257	1.00516	1.00555	1.00753
FURNITURE(25)	1.01724	1.02784	1.02104	1.01089	1.01081	1.01336
STONE,CLAY,ETC.(32)	1.01030	1.01955	1.01328	1.00498	1.00518	1.00692
PRIMARY METALS(33)	1.00912	1.01671	1.01148	1.00498	1.00561	1.00786
FABRICATED METAL(34)	1.01280	1.02061	1.01546	1.00842	1.00894	1.01172
NON-ELEC MACHINE(35)	1.01409	1.02156	1.01670	1.00996	1.01061	1.01385
ELECT. EQUIPMENT(36)	1.01436	1.02319	1.01741	1.00928	1.00964	1.01240
MOTOR VEH.(371)	1.01421	1.02246	1.01709	1.00951	1.00995	1.01284
REST TRANS. EQUIP.	1.01421	1.02246	1.01709	1.00951	1.00995	1.01284
INSTRUMENTS(38)	1.01563	1.02634	1.01936	1.00924	1.00917	1.01141
MISC. MANUF.(39)	1.01514	1.02296	1.01793	1.01073	1.01125	1.01449
FOOD(20)	1.01384	1.02358	1.01717	1.00812	1.00823	1.01045
TOBACCO MANUF(21)	1.01515	1.02274	1.01787	1.01090	1.01150	1.01486
TEXTILES(22)	1.01270	1.02060	1.01536	1.00830	1.00888	1.01172
APPAREL(23)	1.01604	1.02143	1.01810	1.01330	1.01438	1.01879
PAPER(26)	1.00764	1.01493	1.00985	1.00367	1.00427	1.00621
PRINTING(27)	1.01155	1.02143	1.01481	1.00573	1.00574	1.00736
CHEMICALS(28)	1.00972	1.01756	1.01220	1.00538	1.00594	1.00818
PETRO PROD(29)	1.01560	1.03052	1.02070	1.00629	1.00524	1.00571
RUBBER(30)	1.01160	1.01990	1.01433	1.00694	1.00743	1.00989
LEATHER(31)	1.01629	1.02353	1.01896	1.01228	1.01296	1.01669
MINING	1.01998	1.03912	1.02664	1.00780	1.00595	1.00579
CONSTRUCTION	1.01673	1.02879	1.02104	1.00923	1.00856	1.01000
RAILROAD(40)	1.02083	1.04205	1.02817	1.00728	1.00507	1.00441
TRUCKING(42)	1.02083	1.04205	1.02817	1.00728	1.00507	1.00441
LOCAL/INTERURBAN(41)	1.02083	1.04205	1.02817	1.00728	1.00507	1.00441
AIR TRANSP.(45)	1.02083	1.04205	1.02817	1.00728	1.00507	1.00441
OTHER TRANSP.	1.02083	1.04205	1.02817	1.00728	1.00507	1.00441
COMMUNICATION(48)	1.02083	1.04205	1.02817	1.00728	1.00507	1.00441
PUBLIC UTILITIES(49)	1.02083	1.04205	1.02817	1.00728	1.00507	1.00441
BANKING(60)	1.01590	1.03181	1.02142	1.00571	1.00407	1.00365
INSURANCE(63+64)	1.01590	1.03181	1.02142	1.00571	1.00407	1.00365
CREDIT&FINANCE(61+62	1.01590	1.03181	1.02142	1.00571	1.00407	1.00365
REAL ESTATE(65,69)	1.01590	1.03181	1.02142	1.00571	1.00407	1.00365
EATING & DRINKING(58	1.01812	1.02855	1.02194	1.01181	1.01167	1.01430
REST OF RETAL(R52)	1.01812	1.02855	1.02194	1.01181	1.01167	1.01430
WHOLESALE	1.01824	1.02650	1.02137	1.01344	1.01381	1.01737
HOTELS(70)	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
PER. SERV. & REPR.	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
PRIVATE HOUSEHOLD	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
AUTO REP/SERV(75)	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
MISC. BUSI. SERV.(73	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
AMUSE.&RECREATION(79	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
MOTION PICTURES(78)	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
MEDICAL(80)	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
MISC. PROF. SERV.(81	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
EDUCTAION(82)	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
NON-PROFIT ORG.(83)	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462
AGRI/FOR/FISH SERV.	1.01821	1.03613	1.02444	1.00677	1.00497	1.00462

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

INTERMEDIATE INPUT COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	198
LUMBER(24)	1.01003	1.01003	1.00384	1.00394	.99752	.99541
FURNITURE(25)	.99677	.99634	.99320	.99289	.99237	.99173
STONE,CLAY,ETC.(32)	1.00250	1.00305	.99525	.99266	.99105	.98995
PRIMARY METALS(33)	.99650	.99607	.99346	.99302	.99263	.99226
FABRICATED METAL(34)	.99620	.99601	.99330	.99276	.99236	.99208
NON-ELEC MACHINE(35)	.99566	.99567	.99305	.99236	.99202	.99185
ELECT. EQUIPMENT(36)	.99558	.99538	.99251	.99157	.99105	.99067
MOTOR VEH.(371)	.99609	.99623	.99409	.99399	.99370	.99335
REST TRANS. EQUIP.	.98379	.98432	.98238	.98090	.98059	.98041
INSTRUMENTS(38)	.99569	.99531	.99195	.99095	.99023	.98937
MISC. MANUF.(39)	.99642	.99521	.99191	.99127	.99052	.98986
FOOD(20)	.99850	.99792	.99349	.99308	.99169	.99067
TOBACCO MANUF(21)	.99719	.99735	.99396	.98824	.98763	.98821
TEXTILES(22)	1.00104	1.00044	.99847	.99825	.99790	.99772
APPAREL(23)	1.00048	.99969	.99790	.99771	.99723	.99692
PAPER(26)	.99816	.99768	.99477	.99385	.99326	.99271
PRINTING(27)	.99560	.99467	.99311	.99111	.99071	.99011
CHEMICALS(28)	.99937	.99852	.99451	.99381	.99310	.99295
PETRO PROD(29)	.98630	.98802	.98039	.97785	.97781	.97712
RUBBER(30)	.99939	.99884	.99574	.99519	.99448	.99425
LEATHER(31)	.99871	.99782	.99582	.99569	.99512	.99469
MINING	.99738	.99909	.99273	.98996	.98981	.99006
CONSTRUCTION	.99564	.99534	.98943	.98668	.98538	.98485
RAILROAD(40)	.98903	.99184	.98110	.97573	.97681	.97767
TRUCKING(42)	.99432	.99050	.98440	.98383	.98076	.97855
LOCAL/INTERURBAN(41)	.99173	.99149	.98470	.98178	.98080	.98033
AIR TRANSP.(45)	.98484	.98363	.97882	.97693	.97586	.97472
OTHER TRANSP.	.96823	.97015	.96376	.96165	.96099	.95899
COMMUNICATION(48)	.99203	.99255	.98755	.98483	.98425	.98409
PUBLIC UTILITIES(49)	.99394	.99559	.98410	.97875	.97847	.97905
BANKING(60)	.99587	.99268	.98470	.98242	.98134	.98120
INSURANCE(63+64)	.98355	.97844	.97626	.97848	.97648	.97558
CREDIT&FINANCE(61+62	.99285	.99019	.98157	.98024	.97785	.97664
REAL ESTATE(65,69)	.99620	1.00074	.98755	.98073	.98125	.98308
EATING & DRINKING(58	.99674	.99608	.99255	.99210	.99060	.98962
REST OF RETAL(R52)	.99705	.99520	.98796	.98598	.98468	.98445
WHOLESALE	.99464	.99122	.98532	.98297	.98077	.97975
HOTELS(70)	.99646	.99625	.98983	.98628	.98471	.98513
PER. SERV. & REPR.	.99484	.99350	.99015	.98805	.98649	.98639
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	.99617	.99538	.99271	.99197	.99115	.99075
MISC. BUSI. SERV.(73	.99613	.99462	.99084	.98848	.98760	.98735
AMUSE.&RECREATION(79	.98757	.98892	.98478	.98067	.97807	.97724
MOTION PICTURES(78)	.96490	.97393	.95701	.95820	.95667	.95785
MEDICAL(80)	.99202	.99013	.98504	.98185	.97968	.97966
MISC. PROF. SERV.(81	.99568	.99285	.98794	.98463	.98255	.98215
EDUCTAION(82)	1.11498	1.11576	1.10835	1.10404	1.10249	1.10269
NON-PROFIT ORG.(83)	.99648	.99701	.98995	.98449	.98426	.98428
AGRI/FOR/FISH SERV.	1.00101	.99970	.99262	.99151	.98688	.985

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

PRODUCTION COSTS FOR LOCAL MKTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.98992	.98211	.94831	.94948	.94956	.95455
FURNITURE(25)	.96872	.97417	.97614	.97753	.98739	.98925
STONE,CLAY,ETC.(32)	1.03765	1.04860	1.01888	1.00166	.99682	.99633
PRIMARY METALS(33)	.94597	.94057	.91686	.90695	.90483	.91043
FABRICATED METAL(34)	.96251	.97803	.96080	.95778	.96221	.96504
NON-ELEC MACHINE(35)	.98234	.99224	.98481	.97486	.97804	.98716
ELECT. EQUIPMENT(36)	.92309	.94585	.94417	.93670	.94326	.94530
MOTOR VEH.(371)	.99297	1.00436	.99696	.99079	1.00141	1.01216
REST TRANS. EQUIP.	.83993	.84965	.85389	.84697	.84719	.84831
INSTRUMENTS(38)	.99459	1.02370	1.04098	1.02993	1.02778	1.01392
MISC. MANUF.(39)	.97911	.97992	.98290	.97488	.97662	.97592
FOOD(20)	1.00812	1.01244	.99933	.99367	.99445	.99507
TOBACCO MANUF(21)	.96679	.98254	.96280	.88275	.87705	.88762
TEXTILES(22)	1.05419	1.05290	1.04424	1.03797	1.04325	1.05074
APPAREL(23)	1.00509	1.00705	1.00785	.99895	.99673	.99858
PAPER(26)	.99640	.99741	.98041	.96701	.96466	.96321
PRINTING(27)	.97656	.98204	.98142	.96951	.97029	.97146
CHEMICALS(28)	1.05404	1.05540	1.02896	1.03078	1.01907	1.02617
PETRO PROD(29)	1.68404	1.94119	1.55310	1.43184	1.43036	1.42827
RUBBER(30)	.98468	.98935	.98385	.97050	.96432	.96605
LEATHER(31)	1.04343	1.03678	1.03772	1.02915	1.02920	1.03363
MINING	1.03715	1.04462	.96786	.94641	.93809	.93337
CONSTRUCTION	.98901	1.00415	.97098	.95090	.95864	.96603
RAILROAD(40)	.99451	.97441	.96521	.97257	.97129	.96213
TRUCKING(42)	1.00500	.99377	.97671	.97798	.96730	.96029
LOCAL/INTERURBAN(41)	.95215	.94533	.93657	.92603	.93463	.92453
AIR TRANSP.(45)	.98478	.97964	.98295	.97283	.97906	.98043
OTHER TRANSP.	.85556	.86793	.85232	.84460	.84385	.83322
COMMUNICATION(48)	1.00455	.99471	1.00655	1.00509	1.00366	.99955
PUBLIC UTILITIES(49)	1.03061	1.05802	1.04735	1.01322	1.00849	1.00376
BANKING(60)	.96940	.96768	.94069	.95030	.94472	.93800
INSURANCE(63+64)	.96077	.94986	.95238	.96286	.95651	.95658
CREDIT&FINANCE(61+62	.96402	.95668	.94296	.92512	.90639	.90333
REAL ESTATE(65,69)	1.01222	1.02411	1.01520	1.00477	.99897	.99963
EATING & DRINKING(58	.99308	.98691	.98498	.97253	.96882	.96678
REST OF RETAL(R52)	.95119	.93481	.91750	.89598	.89174	.89123
WHOLESALE	.96852	.95846	.94934	.95863	.95143	.94318
HOTELS(70)	.96748	.93591	.94912	.92473	.91434	.91899
PER. SERV. & REPR.	.97443	.96768	.97212	.95926	.95136	.95753
PRIVATE HOUSEHOLD	1.24677	1.17996	1.21942	1.22900	1.20792	1.20488
AUTO REP/SERV(75)	.99023	.99469	.99281	.98386	.97932	.98062
MISC. BUSI. SERV.(73	1.00389	.98916	.96151	.95913	.96135	.96493
AMUSE.&RECREATION(79	.94253	.93795	.95001	.93477	.93166	.92851
MOTION PICTURES(78)	.83793	.88551	.81864	.83507	.82949	.83779
MEDICAL(80)	.91990	.89728	.88411	.87006	.85585	.85874
MISC. PROF. SERV.(81	.99459	.98789	.98011	.97003	.96005	.96201
EDUCTAION(82)	1.01194	1.04749	1.01589	.98767	1.02432	1.01892
NON-PROFIT ORG.(83)	.94787	.93217	.87261	.86667	.85585	.84823
AGRI/FOR/FISH SERV.	1.09904	1.10115	1.06631	1.06770	1.01471	1.00220

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

PRODUCTION COSTS FOR EXPORT MKTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.98992	.98211	.94831	.94948	.94956	.95455
FURNITURE(25)	.96872	.97417	.97614	.97753	.98739	.98925
STONE,CLAY,ETC.(32)	1.03765	1.04860	1.01888	1.00166	.99682	.99633
PRIMARY METALS(33)	.94597	.94057	.91686	.90695	.90483	.91043
FABRICATED METAL(34)	.96251	.97803	.96080	.95778	.96221	.96504
NON-ELEC MACHINE(35)	.98234	.99224	.98481	.97486	.97804	.98716
ELECT. EQUIPMENT(36)	.92309	.94585	.94417	.93670	.94326	.94530
MOTOR VEH.(371)	.99297	1.00436	.99696	.99079	1.00141	1.01216
REST TRANS. EQUIP.	.83993	.84965	.85389	.84697	.84719	.84831
INSTRUMENTS(38)	.99459	1.02370	1.04098	1.02993	1.02778	1.01392
MISC. MANUF.(39)	.97911	.97992	.98290	.97488	.97662	.97592
FOOD(20)	1.00812	1.01244	.99933	.99367	.99445	.99507
TOBACCO MANUF(21)	.96679	.98254	.96280	.88275	.87705	.88762
TEXTILES(22)	1.05419	1.05290	1.04424	1.03797	1.04325	1.05074
APPAREL(23)	1.00509	1.00705	1.00785	.99895	.99673	.99858
PAPER(26)	.99640	.99741	.98041	.96701	.96466	.96321
PRINTING(27)	.97656	.98204	.98142	.96951	.97029	.97146
CHEMICALS(28)	1.05404	1.05540	1.02896	1.03078	1.01907	1.02617
PETRO PROD(29)	1.68404	1.94119	1.55310	1.43184	1.43036	1.42827
RUBBER(30)	.98468	.98935	.98385	.97050	.96432	.96605
LEATHER(31)	1.04343	1.03678	1.03772	1.02915	1.02920	1.03363
MINING	1.03715	1.04462	.96786	.94641	.93809	.93337
CONSTRUCTION	.98901	1.00415	.97098	.95090	.95864	.96603
RAILROAD(40)	.99451	.97441	.96521	.97257	.97129	.96213
TRUCKING(42)	1.00500	.99377	.97671	.97798	.96730	.96029
LOCAL/INTERURBAN(41)	.95215	.94533	.93657	.92603	.93463	.92453
AIR TRANSP.(45)	.98478	.97964	.98295	.97283	.97906	.98043
OTHER TRANSP.	.85556	.86793	.85232	.84460	.84385	.83322
COMMUNICATION(48)	1.00455	.99471	1.00655	1.00509	1.00366	.99955
PUBLIC UTILITIES(49)	1.03061	1.05802	1.04735	1.01322	1.00849	1.00376
BANKING(60)	.96940	.96768	.94069	.95030	.94472	.93800
INSURANCE(63+64)	.96077	.94986	.95238	.96286	.95651	.95658
CREDIT&FINANCE(61+62	.96402	.95668	.94296	.92512	.90639	.90333
REAL ESTATE(65,69)	1.01222	1.02411	1.01520	1.00477	.99897	.99963
EATING & DRINKING(58	.99308	.98691	.98498	.97253	.96882	.96678
REST OF RETAL(R52)	.95119	.93481	.91750	.89598	.89174	.89123
WHOLESALE	.96852	.95846	.94934	.95863	.95143	.94318
HOTELS(70)	.96748	.93591	.94912	.92473	.91434	.91899
PER. SERV. & REPR.	.97443	.96768	.97212	.95926	.95136	.95753
PRIVATE HOUSEHOLD	1.24677	1.17996	1.21942	1.22900	1.20792	1.20488
AUTO REP/SERV(75)	.99023	.99469	.99281	.98386	.97932	.98062
MISC. BUSI. SERV.(73	1.00389	.98916	.96151	.95913	.96135	.96493
AMUSE.&RECREATION(79	.91253	.93795	.95001	.93477	.93166	.92851
MOTION PICTURES(78)	.83793	.88551	.81864	.83507	.82949	.83779
MEDICAL(80)	.91990	.89728	.88411	.87006	.85585	.85874
MISC. PROF. SERV.(81	.99459	.98789	.98011	.97003	.96005	.96201
EDUCTAION(82)	1.01194	1.04749	1.01589	.98767	1.02432	1.01892
NON-PROFIT ORG.(83)	.94787	.93217	.87261	.86667	.85585	.84823
AGRI/FOR/FISH SERV.	1.09904	1.10115	1.06631	1.06770	1.01471	1.00220

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

LABOR INTENSITY

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.10213	1.10575	1.13048	1.13906	1.14084	1.14155
FURNITURE(25)	1.05628	1.05662	1.05979	1.05562	1.05411	1.05262
STONE,CLAY,ETC.(32)	1.07088	1.07548	1.08756	1.08365	1.08316	1.08269
PRIMARY METALS(33)	1.30328	1.30922	1.33582	1.33999	1.34145	1.34135
FABRICATED METAL(34)	1.08653	1.08478	1.09101	1.08841	1.08745	1.08639
NON-ELEC MACHINE(35)	1.05740	1.05617	1.06205	1.05988	1.05933	1.05826
ELECT. EQUIPMENT(36)	1.09380	1.09096	1.09132	1.08702	1.08569	1.08436
MOTOR VEH.(371)	1.04818	1.05099	1.06070	1.05762	1.05490	1.05086
REST TRANS. EQUIP.	1.15159	1.15057	1.15233	1.14861	1.14781	1.14703
INSTRUMENTS(38)	1.02941	1.02505	1.02346	1.01747	1.01604	1.01539
MISC. MANUF.(39)	1.06829	1.06940	1.07497	1.07079	1.06989	1.06913
FOOD(20)	1.02785	1.02736	1.03212	1.04143	1.04325	1.04466
TOBACCO MANUF(21)	1.61119	1.56955	1.57903	2.00300	2.17854	2.30730
TEXTILES(22)	.95219	.95292	.95527	.95831	.95824	.95745
APPAREL(23)	1.01508	1.01538	1.01543	1.01508	1.01506	1.01502
PAPER(26)	1.17030	1.17709	1.18575	1.18703	1.18777	1.18870
PRINTING(27)	1.05515	1.05475	1.05423	1.05370	1.05365	1.05351
CHEMICALS(28)	1.14193	1.15145	1.16298	1.15901	1.15873	1.15694
PETRO PROD(29)	2.02423	2.07210	2.06956	2.00772	1.99454	1.98675
RUBBER(30)	1.09135	1.09089	1.09064	1.09132	1.09236	1.09321
LEATHER(31)	.97579	.97813	.97825	.97912	.97944	.97956
MINING	1.10850	1.08353	1.15465	1.19585	1.21278	1.23047
CONSTRUCTION	1.05470	1.05164	1.05672	1.06556	1.06766	1.06847
RAILROAD(40)	1.00704	1.00912	1.01444	1.01482	1.01457	1.01457
TRUCKING(42)	1.00975	1.01350	1.02341	1.02588	1.02636	1.02722
LOCAL/INTERURBAN(41)	1.15335	1.16232	1.18768	1.19013	1.18827	1.18823
AIR TRANSP.(45)	1.03359	1.03528	1.04321	1.04336	1.04217	1.04092
OTHER TRANSP.	1.26238	1.25512	1.26603	1.26661	1.26660	1.26806
COMMUNICATION(48)	1.01331	1.01917	1.02585	1.02198	1.01991	1.01839
PUBLIC UTILITIES(49)	.96382	.97039	.99817	1.00363	1.00402	1.00655
BANKING(60)	1.05587	1.05735	1.06367	1.06628	1.06638	1.06696
INSURANCE(63+64)	1.04471	1.04698	1.04847	1.04773	1.04711	1.04649
CREDIT&FINANCE(61+62	1.01124	1.01121	1.01168	1.01167	1.01174	1.01181
REAL ESTATE(65,69)	1.10917	1.10572	1.10688	1.10420	1.10042	1.09604
EATING & DRINKING(58	1.04458	1.04718	1.05218	1.05480	1.05618	1.05782
REST OF RETAL(R52)	1.08383	1.08774	1.09516	1.10043	1.10235	1.10431
WHOLESALE	1.06666	1.06824	1.07160	1.07393	1.07388	1.07460
HOTELS(70)	1.06904	1.07018	1.07230	1.07232	1.07268	1.07286
PER. SERV. & REPR.	1.08666	1.08866	1.08774	1.08904	1.08969	1.08960
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	1.16278	1.16046	1.15735	1.15751	1.15748	1.15675
MISC. BUSI. SERV.(73	1.02932	1.03238	1.04501	1.05434	1.05566	1.05648
AMUSE.&RECREATION(79	1.10730	1.10297	1.09347	1.08904	1.08795	1.08713
MOTION PICTURES(78)	1.28890	1.27799	1.27404	1.27762	1.27780	1.27684
MEDICAL(80)	1.08766	1.09132	1.09723	1.10235	1.10420	1.10575
MISC. PROF. SERV.(81	1.02927	1.03027	1.03666	1.03964	1.04078	1.04164
EDUCTAION(82)	1.02367	1.02337	1.02279	1.02191	1.02155	1.02124
NON-PROFIT ORG.(83)	1.03103	1.03030	1.03279	1.03390	1.03428	1.03473
AGRI/FOR/FISH SERV.	.88838	.88587	.89329	.90639	.91249	.91977

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

EXPORT SHARE MULTIPLICATIVE ADJUSTMENTS

	1967	1972	1977	1980	1981	198-
LUMBER(24)	1.000	.741	.727	.694	.691	.663
FURNITURE(25)	1.000	.729	.702	.682	.631	.592
STONE,CLAY,ETC.(32)	1.000	.177	1.802	2.221	2.074	1.888
PRIMARY METALS(33)	1.000	.699	.621	.708	.676	.677
FABRICATED METAL(34)	1.000	1.059	1.083	1.035	.925	.885
NON-ELEC MACHINE(35)	1.000	.815	.930	.979	.934	.907
ELECT. EQUIPMENT(36)	1.000	.794	.939	.905	.865	.845
MOTOR VEH.(371)	1.000	.719	.684	.881	.773	.613
REST TRANS. EQUIP.	1.000	.403	4.030	3.625	3.284	3.687
INSTRUMENTS(38)	1.000	1.145	1.875	1.808	1.905	1.728
MISC. MANUF.(39)	1.000	.868	.855	.878	.822	.778
FOOD(20)	1.000	1.056	.935	.920	.835	.824
TOBACCO MANUF(21)	1.000	.366	.076	.008	.004	.000
TEXTILES(22)	1.000	.846	.835	.799	.751	.680
APPAREL(23)	1.000	.866	.840	.818	.797	.785
PAPER(26)	1.000	.903	.799	.764	.717	.694
PRINTING(27)	1.000	.965	.916	.881	.848	.845
CHEMICALS(28)	1.000	1.006	.988	.933	.935	.888
PETRO PROD(29)	1.000	1.116	3.683	3.960	5.182	4.735
RUBBER(30)	1.000	.732	.562	.546	.499	.510
LEATHER(31)	1.000	.780	.710	.710	.655	.614
MINING	1.000	4.696	2.699	1.156	.795	1.138
CONSTRUCTION	1.000	.881	.137	.216	.158	.208
RAILROAD(40)	1.000	.718	1.050	.895	.884	.894
TRUCKING(42)	1.000	.932	.852	.707	.733	.746
LOCAL/INTERURBAN(41)	1.000	6.077	17.979	16.895	15.517	16.857
AIR TRANSP.(45)	1.000	1.183	1.194	1.294	1.185	1.095
OTHER TRANSP.	1.000	1.498	1.552	1.363	1.422	1.707
COMMUNICATION(48)	1.000	1.466	1.368	1.030	1.065	1.048
PUBLIC UTILITIES(49)	1.000	.921	.960	.466	.397	.291
BANKING(60)	1.000	1.122	1.442	.354	.932	.999
INSURANCE(63+64)	1.000	.959	.872	.858	.891	.878
CREDIT&FINANCE(61+62	1.000	.654	.567	4.076	4.468	4.874
REAL ESTATE(65,69)	1.000	.302	1.254	1.633	2.368	2.463
EATING & DRINKING(58	1.000	1.118	.827	.856	.807	.804
REST OF RETAL(R52)	1.000	1.068	.877	.933	.967	.913
WHOLESALE	1.000	2.871	5.168	3.931	4.520	6.709
HOTELS(70)	1.000	.883	.868	.860	.855	.917
PER. SERV. & REPR.	1.000	1.023	1.265	1.436	1.513	1.638
PRIVATE HOUSEHOLD	1.000	1.458	4.726	5.397	5.984	5.726
AUTO REP/SERV(75)	1.000	1.156	.209	.351	.549	.894
MISC. BUSI. SERV.(73	1.000	.524	.209	.558	.669	.832
AMUSE.&RECREATION(79	1.000	3.675	1.576	2.212	1.809	1.700
MOTION PICTURES(78)	1.000	1.141	.657	.589	.469	.459
MEDICAL(80)	1.000	1.683	1.828	1.555	1.648	1.505
MISC. PROF. SERV.(81	1.000	1.958	2.757	2.936	2.935	3.013
EDUCTAION(82)	1.000	.807	.947	.979	.944	.960
NON-PROFIT ORG.(83)	1.000	1.824	1.693	2.138	2.162	2.[illegible]
AGRI/FOR/FISH SERV.	1.000	.403	.241	.536	.094	[illegible]

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

EXPORT SHARE OF U.S. AS A PERCENT

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.161	.127	.127	.122	.122	.118
FURNITURE(25)	.084	.061	.059	.055	.050	.046
STONE,CLAY,ETC.(32)	.045	.008	.083	.106	.100	.090
PRIMARY METALS(33)	.281	.209	.185	.218	.209	.219
FABRICATED METAL(34)	1.168	.978	.924	.876	.813	.800
NON-ELEC MACHINE(35)	.487	.387	.461	.506	.488	.486
ELECT. EQUIPMENT(36)	.137	.108	.133	.133	.126	.124
MOTOR VEH.(371)	.007	.005	.005	.006	.005	.004
REST TRANS. EQUIP.	.015	.010	.104	.080	.069	.069
INSTRUMENTS(38)	.070	.066	.105	.095	.096	.088
MISC. MANUF.(39)	1.667	1.489	1.445	1.476	1.394	1.317
FOOD(20)	.302	.284	.237	.227	.205	.203
TOBACCO MANUF(21)	1.307	.466	.099	.013	.005	.001
TEXTILES(22)	.411	.346	.346	.338	.321	.291
APPAREL(23)	.263	.230	.221	.219	.215	.213
PAPER(26)	1.678	1.511	1.354	1.310	1.235	1.201
PRINTING(27)	.882	.855	.801	.780	.750	.748
CHEMICALS(28)	.351	.354	.337	.317	.320	.305
PETRO PROD(29)	.003	.003	.012	.013	.018	.016
RUBBER(30)	.934	.698	.552	.564	.526	.540
LEATHER(31)	.555	.441	.397	.409	.379	.355
MINING	.009	.039	.019	.007	.005	.006
CONSTRUCTION	.597	.526	.082	.129	.094	.124
RAILROAD(40)	.086	.062	.090	.077	.076	.077
TRUCKING(42)	.245	.229	.209	.173	.180	.183
LOCAL/INTERURBAN(41)	.037	.227	.671	.630	.579	.629
AIR TRANSP.(45)	.006	.007	.007	.007	.007	.006
OTHER TRANSP.	.035	.065	.082	.081	.086	.108
COMMUNICATION(48)	.159	.234	.220	.165	.171	.169
PUBLIC UTILITIES(49)	.175	.167	.178	.089	.076	.056
BANKING(60)	.100	.112	.144	.035	.093	.100
INSURANCE(63+64)	.859	.824	.750	.737	.766	.755
CREDIT&FINANCE(61+62	.021	.014	.012	.084	.092	.101
REAL ESTATE(65,69)	.033	.010	.042	.054	.078	.082
EATING & DRINKING(58	.298	.333	.246	.255	.240	.239
REST OF RETAL(R52)	.379	.405	.332	.354	.366	.346
WHOLESALE	.017	.050	.089	.068	.078	.116
HOTELS(70)	.244	.216	.212	.210	.209	.224
PER. SERV. & REPR.	.262	.268	.332	.376	.397	.429
PRIVATE HOUSEHOLD	.014	.020	.064	.073	.081	.078
AUTO REP/SERV(75)	.103	.119	.022	.036	.057	.092
MISC. BUSI. SERV.(73	.118	.062	.025	.067	.080	.100
AMUSE.&RECREATION(79	.023	.084	.036	.050	.041	.039
MOTION PICTURES(78)	.080	.092	.053	.047	.038	.037
MEDICAL(80)	.143	.241	.262	.223	.237	.216
MISC. PROF. SERV.(81	.041	.080	.113	.120	.120	.124
EDUCTAION(82)	1.714	1.383	1.624	1.678	1.618	1.646
NON-PROFIT ORG.(83)	.202	.369	.343	.433	.438	.450
AGRI/FOR/FISH SERV.	.325	.133	.079	.178	.031	.038

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

EXPORT EMPLOYMENT AS % OF EMPLOYMENT

	1967	1972	1977	1980	1981	1982
LUMBER(24)	95.083	94.494	95.521	95.310	95.517	95.386
FURNITURE(25)	98.174	97.671	97.994	97.866	97.727	97.521
STONE,CLAY,ETC.(32)	14.055	3.096	29.943	34.571	34.345	32.040
PRIMARY METALS(33)	94.530	93.979	93.548	94.342	94.427	94.686
FABRICATED METAL(34)	92.791	92.446	93.220	92.781	92.617	92.518
NON-ELEC MACHINE(35)	91.605	90.735	93.444	93.665	93.684	93.603
ELECT. EQUIPMENT(36)	88.092	86.758	90.661	90.519	90.328	90.210
MOTOR VEH.(371)	99.941	99.924	99.937	99.950	99.944	99.929
REST TRANS. EQUIP.	15.615	12.265	67.534	62.424	59.556	60.218
INSTRUMENTS(38)	57.449	57.566	72.932	70.519	71.319	69.456
MISC. MANUF.(39)	96.099	95.948	96.175	96.296	96.196	96.027
FOOD(20)	87.305	87.287	86.438	86.312	85.494	85.384
TOBACCO MANUF(21)	95.712	92.942	80.505	37.480	21.302	3.099
TEXTILES(22)	93.435	93.281	93.660	93.609	93.547	93.201
APPAREL(23)	94.574	94.255	94.510	94.639	94.649	94.602
PAPER(26)	95.118	95.080	95.030	95.001	94.954	94.911
PRINTING(27)	76.594	76.780	76.939	76.905	76.687	76.711
CHEMICALS(28)	93.032	93.778	94.077	93.828	94.064	93.901
PETRO PROD(29)	22.337	24.917	55.281	58.992	66.113	64.490
RUBBER(30)	95.982	95.318	94.646	94.798	94.656	94.853
LEATHER(31)	97.214	96.835	96.788	96.952	96.812	96.648
MINING	37.231	74.546	59.901	37.478	27.887	34.187
CONSTRUCTION	24.561	23.147	5.948	8.662	6.618	8.459
RAILROAD(40)	39.526	34.436	46.409	42.721	43.393	43.851
TRUCKING(42)	47.886	48.617	49.520	45.393	47.076	47.590
LOCAL/INTERURBAN(41)	3.098	17.211	39.898	38.957	37.513	39.556
AIR TRANSP.(45)	42.293	48.869	51.356	53.922	52.519	50.680
OTHER TRANSP.	17.160	29.697	37.468	37.622	39.354	44.835
COMMUNICATION(48)	26.135	35.432	36.260	30.498	31.683	31.386
PUBLIC UTILITIES(49)	15.660	16.040	18.073	10.267	9.125	6.939
BANKING(60)	7.119	8.416	11.339	3.101	7.904	8.434
INSURANCE(63+64)	65.416	65.720	65.659	65.872	66.658	66.429
CREDIT&FINANCE(61+62	6.200	4.439	4.188	24.422	26.517	28.256
REAL ESTATE(65,69)	10.246	3.548	14.427	18.432	25.067	25.783
EATING & DRINKING(58	25.909	29.659	25.406	26.794	26.084	25.975
REST OF RETAL(R52)	16.504	18.387	17.206	18.595	19.478	18.550
WHOLESALE	2.039	6.133	11.709	9.257	10.817	15.293
HOTELS(70)	85.078	84.504	85.500	85.746	85.970	86.830
PER. SERV. & REPR.	9.922	10.707	13.922	15.940	16.937	18.087
PRIVATE HOUSEHOLD	3.100	4.741	15.039	17.381	19.222	18.526
AUTO REP/SERV(75)	5.963	7.275	1.530	2.620	4.118	6.508
MISC. BUSI. SERV.(73	19.266	12.084	5.702	14.163	16.858	20.225
AMUSE.&RECREATION(79	3.099	11.070	5.588	8.008	6.787	6.391
MOTION PICTURES(78)	17.046	19.517	13.401	12.739	10.605	10.425
MEDICAL(80)	9.137	15.102	17.373	15.516	16.501	15.316
MISC. PROF. SERV.(81	5.145	10.144	15.186	16.021	16.318	16.693
EDUCTAION(82)	53.135	49.651	55.979	57.747	57.292	57.[illegible]
NON-PROFIT ORG.(83)	12.761	22.220	22.449	27.462	28.103	28.6[illegible]
AGRI/FOR/FISH SERV.	50.944	32.567	24.058	41.583	11.664	13.891

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

EMPLOYMENT AS PERCENT OF U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.117	.093	.094	.092	.092	.088
FURNITURE(25)	.069	.051	.049	.046	.042	.038
STONE,CLAY,ETC.(32)	.117	.094	.103	.113	.108	.105
PRIMARY METALS(33)	.282	.212	.192	.225	.216	.226
FABRICATED METAL(34)	.950	.797	.751	.714	.663	.652
NON-ELEC MACHINE(35)	.425	.340	.395	.433	.416	.414
ELECT. EQUIPMENT(36)	.138	.110	.130	.129	.123	.121
MOTOR VEH.(371)	.006	.005	.004	.006	.005	.004
REST TRANS. EQUIP.	.092	.077	.144	.120	.108	.107
INSTRUMENTS(38)	.108	.100	.126	.116	.117	.110
MISC. MANUF.(39)	1.513	1.356	1.319	1.341	1.266	1.198
FOOD(20)	.217	.205	.173	.167	.153	.152
TOBACCO MANUF(21)	1.819	.651	.160	.055	.046	.040
TEXTILES(22)	.293	.247	.246	.242	.229	.208
APPAREL(23)	.217	.190	.182	.181	.177	.175
PAPER(26)	1.483	1.344	1.213	1.175	1.110	1.081
PRINTING(27)	.581	.562	.525	.511	.493	.491
CHEMICALS(28)	.304	.307	.295	.277	.279	.266
PETRO PROD(29)	.016	.015	.023	.024	.028	.026
RUBBER(30)	.836	.629	.501	.512	.478	.490
LEATHER(31)	.445	.356	.321	.331	.306	.288
MINING	.014	.031	.019	.012	.011	.012
CONSTRUCTION	.246	.230	.139	.152	.146	.150
RAILROAD(40)	.103	.085	.093	.086	.084	.084
TRUCKING(42)	.253	.233	.211	.191	.191	.193
LOCAL/INTERURBAN(41)	.378	.417	.544	.525	.500	.515
AIR TRANSP.(45)	.007	.007	.007	.007	.007	.006
OTHER TRANSP.	.090	.098	.098	.097	.098	.109
COMMUNICATION(48)	.261	.284	.262	.234	.233	.231
PUBLIC UTILITIES(49)	.226	.211	.206	.181	.174	.169
BANKING(60)	.246	.233	.224	.201	.208	.209
INSURANCE(63+64)	.542	.518	.472	.463	.475	.469
CREDIT&FINANCE(61+62	.069	.063	.058	.072	.072	.074
REAL ESTATE(65,69)	.085	.074	.076	.077	.082	.082
EATING & DRINKING(58	.316	.310	.269	.264	.256	.257
REST OF RETAL(R52)	.315	.303	.268	.265	.263	.261
WHOLESALE	.213	.204	.193	.186	.183	.192
HOTELS(70)	.238	.212	.207	.204	.202	.215
PER. SERV. & REPR.	.327	.310	.295	.293	.290	.294
PRIVATE HOUSEHOLD	.113	.107	.110	.109	.109	.108
AUTO REP/SERV(75)	.268	.253	.218	.213	.212	.218
MISC. BUSI. SERV.(73	.163	.138	.118	.129	.130	.135
AMUSE.&RECREATION(79	.196	.201	.170	.165	.159	.159
MOTION PICTURES(78)	.169	.167	.140	.132	.126	.126
MEDICAL(80)	.304	.312	.297	.284	.284	.279
MISC. PROF. SERV.(81	.153	.153	.144	.146	.144	.144
EDUCTAION(82)	.763	.659	.686	.686	.667	[illegible]
NON-PROFIT ORG.(83)	.303	.317	.292	.302	.299	[illegible]
AGRI/FOR/FISH SERV.	.231	.147	.119	.158	.100	.102

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

DEMAND (IN BILLIONS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.04337	.05917	.08496	.10518	.10348	.09543
FURNITURE(25)	.02197	.03064	.03355	.04296	.04521	.04511
STONE,CLAY,ETC.(32)	.03538	.04746	.05576	.07495	.07533	.07228
PRIMARY METALS(33)	.19461	.21270	.31801	.41460	.42453	.35489
FABRICATED METAL(34)	.09857	.11607	.15663	.20870	.21394	.20280
NON-ELEC MACHINE(35)	.14350	.16683	.23408	.37065	.39162	.38175
ELECT. EQUIPMENT(36)	.10277	.11671	.14650	.21768	.23164	.24192
MOTOR VEH.(371)	.08071	.12158	.16776	.17432	.18509	.17273
REST TRANS. EQUIP.	.07930	.07032	.06815	.10643	.11364	.11365
INSTRUMENTS(38)	.02475	.03211	.05006	.07589	.08404	.09102
MISC. MANUF.(39)	.03434	.04353	.05706	.07077	.07287	.07394
FOOD(20)	.25475	.31565	.42483	.53363	.55443	.58047
TOBACCO MANUF(21)	.03390	.02797	.02834	.03551	.04031	.04301
TEXTILES(22)	.07335	.08970	.11358	.13395	.13475	.12237
APPAREL(23)	.05601	.06770	.08534	.10060	.10542	.10309
PAPER(26)	.13908	.17614	.25143	.32533	.33775	.34336
PRINTING(27)	.12368	.16335	.22416	.30324	.32365	.34860
CHEMICALS(28)	.16256	.20203	.30446	.40669	.43184	.45238
PETRO PROD(29)	.10741	.14136	.22642	.30466	.33209	.35362
RUBBER(30)	.04595	.06378	.09715	.12690	.13578	.13530
LEATHER(31)	.01669	.01703	.01840	.02165	.02326	.02205
MINING	.02513	.03329	.06700	.10685	.13007	.13494
CONSTRUCTION	.26676	.40243	.41478	.61732	.63702	.64097
RAILROAD(40)	.03543	.04084	.05263	.06791	.06661	.06267
TRUCKING(42)	.05186	.07822	.10879	.14099	.14675	.14607
LOCAL/INTERURBAN(41)	.02046	.02403	.03039	.03809	.03928	.04107
AIR TRANSP.(45)	.02348	.03842	.05789	.08467	.09025	.09339
OTHER TRANSP.	.01406	.01662	.02441	.03608	.03985	.04253
COMMUNICATION(48)	.07026	.11747	.17947	.25488	.28607	.32287
PUBLIC UTILITIES(49)	.12357	.18250	.27033	.36619	.40844	.46101
BANKING(60)	.02956	.04760	.07411	.10581	.11855	.13430
INSURANCE(63+64)	.08053	.11517	.17222	.24107	.26815	.29366
CREDIT&FINANCE(61+62	.01594	.02491	.03593	.05713	.06542	.07518
REAL ESTATE(65,69)	.27676	.49944	.65832	.95188	1.02679	1.09398
EATING & DRINKING(58	.07890	.10899	.18771	.26105	.28194	.30345
REST OF RETAL(R52)	.19997	.28975	.38073	.47890	.50281	.52798
WHOLESALE	.17764	.24672	.37585	.53374	.57124	.60089
HOTELS(70)	.01621	.02417	.03307	.04973	.05513	.05940
PER. SERV. & REPR.	.04856	.05486	.07192	.09670	.10331	.10857
PRIVATE HOUSEHOLD	.01236	.01306	.01555	.01654	.01731	.01882
AUTO REP/SERV(75)	.03820	.05979	.09446	.13342	.14223	.15475
MISC. BUSI. SERV.(73	.06959	.10320	.17596	.29396	.33332	.36703
AMUSE.&RECREATION(79	.01307	.01842	.02840	.03892	.04206	.04632
MOTION PICTURES(78)	.00903	.01087	.01588	.02175	.02369	.02482
MEDICAL(80)	.05768	.12884	.24470	.36413	.41780	.47897
MISC. PROF. SERV.(81	.03546	.06038	.09617	.16028	.18362	.20658
EDUCTAION(82)	.02427	.04393	.05607	.07254	.07935	.08572
NON-PROFIT ORG.(83)	.02929	.04204	.05807	.07547	.07932	.08590
AGRI/FOR/FISH SERV.	.00687	.01059	.01708	.02699	.02875	.03024

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

SELF SUPPLY: LOCAL PRODUCTION FOR LOCAL USE

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.00081	.00111	.00159	.00197	.00194	.00179
FURNITURE(25)	.00010	.00014	.00015	.00019	.00020	.00020
STONE,CLAY,ETC.(32)	.01413	.01896	.02227	.02993	.03008	.02887
PRIMARY METALS(33)	.00631	.00689	.01031	.01344	.01376	.01150
FABRICATED METAL(34)	.02505	.02950	.03981	.05304	.05437	.05154
NON-ELEC MACHINE(35)	.01799	.02092	.02935	.04647	.04910	.04787
ELECT. EQUIPMENT(36)	.00673	.00764	.00960	.01426	.01517	.01585
MOTOR VEH.(371)	.00000	.00000	.00000	.00000	.00000	.00000
REST TRANS. EQUIP.	.02322	.02059	.01996	.03116	.03328	.03328
INSTRUMENTS(38)	.00451	.00586	.00913	.01384	.01533	.01660
MISC. MANUF.(39)	.00552	.00699	.00917	.01137	.01170	.01188
FOOD(20)	.02538	.03145	.04232	.05316	.05523	.05783
TOBACCO MANUF(21)	.00307	.00254	.00257	.00322	.00366	.00390
TEXTILES(22)	.00513	.00628	.00795	.00938	.00943	.00857
APPAREL(23)	.00239	.00289	.00364	.00429	.00450	.00440
PAPER(26)	.01424	.01804	.02575	.03331	.03459	.03516
PRINTING(27)	.04365	.05764	.07910	.10701	.11421	.12301
CHEMICALS(28)	.00901	.01120	.01688	.02255	.02394	.02508
PETRO PROD(29)	.00300	.00394	.00632	.00850	.00926	.00986
RUBBER(30)	.00438	.00608	.00926	.01209	.01294	.01289
LEATHER(31)	.00068	.00070	.00075	.00088	.00095	.00090
MINING	.00205	.00271	.00546	.00871	.01060	.01100
CONSTRUCTION	.19606	.29576	.30484	.45370	.46818	.47108
RAILROAD(40)	.00749	.00864	.01113	.01436	.01409	.01326
TRUCKING(42)	.02459	.03709	.05158	.06686	.06959	.06926
LOCAL/INTERURBAN(41)	.01848	.02170	.02745	.03441	.03548	.03709
AIR TRANSP.(45)	.00029	.00047	.00070	.00103	.00110	.00114
OTHER TRANSP.	.00544	.00643	.00944	.01396	.01542	.01645
COMMUNICATION(48)	.04530	.07574	.11572	.16434	.18445	.20817
PUBLIC UTILITIES(49)	.09133	.13489	.19980	.27065	.30188	.34073
BANKING(60)	.02762	.04448	.06925	.09887	.11077	.12549
INSURANCE(63+64)	.04395	.06285	.09398	.13155	.14633	.16025
CREDIT&FINANCE(61+62	.00425	.00664	.00958	.01523	.01744	.02004
REAL ESTATE(65,69)	.06792	.12256	.16155	.23359	.25198	.26846
EATING & DRINKING(58	.06692	.09244	.15921	.22141	.23913	.25737
REST OF RETAL(R52)	.18946	.27452	.36072	.45373	.47639	.50023
WHOLESALE	.12577	.17467	.26609	.37788	.40443	.42541
HOTELS(70)	.00188	.00279	.00382	.00575	.00638	.00687
PER. SERV. & REPR.	.04661	.05266	.06903	.09281	.09916	.10421
PRIVATE HOUSEHOLD	.00464	.00491	.00585	.00622	.00651	.00707
AUTO REP/SERV(75)	.03127	.04894	.07732	.10921	.11643	.12667
MISC. BUSI. SERV.(73	.03271	.04851	.08272	.13819	.15670	.17254
AMUSE.&RECREATION(79	.00835	.01177	.01815	.02487	.02688	.02960
MOTION PICTURES(78)	.00415	.00499	.00729	.00998	.01087	.01139
MEDICAL(80)	.05594	.12494	.23730	.35312	.40517	.46449
MISC. PROF. SERV.(81	.02106	.03587	.05713	.09522	.10909	.12273
EDUCTAION(82)	.02362	.04275	.05456	.07059	.07721	.08341
NON-PROFIT ORG.(83)	.02809	.04033	.05570	.07239	.07609	.08240
AGRI/FOR/FISH SERV.	.00488	.00753	.01214	.01919	.02044	.02150

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

IMPORTS: IMPLICIT PURCHASE OUTSIDE OF AREA FOR LOCAL USE

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.04255	.05806	.08337	.10321	.10154	.09364
FURNITURE(25)	.02187	.03050	.03340	.04276	.04501	.04491
STONE,CLAY,ETC.(32)	.02125	.02851	.03349	.04501	.04524	.04341
PRIMARY METALS(33)	.18831	.20580	.30770	.40116	.41077	.34339
FABRICATED METAL(34)	.07352	.08657	.11682	.15566	.15956	.15126
NON-ELEC MACHINE(35)	.12550	.14591	.20473	.32417	.34252	.33389
ELECT. EQUIPMENT(36)	.09604	.10906	.13691	.20342	.21647	.22607
MOTOR VEH.(371)	.08071	.12158	.16776	.17432	.18509	.17273
REST TRANS. EQUIP.	.05608	.04973	.04820	.07527	.08037	.08037
INSTRUMENTS(38)	.02024	.02626	.04093	.06205	.06872	.07442
MISC. MANUF.(39)	.02882	.03653	.04790	.05940	.06116	.06206
FOOD(20)	.22937	.28420	.38251	.48047	.49919	.52264
TOBACCO MANUF(21)	.03083	.02544	.02577	.03229	.03665	.03911
TEXTILES(22)	.06822	.08342	.10563	.12457	.12532	.11380
APPAREL(23)	.05362	.06481	.08170	.09631	.10092	.09869
PAPER(26)	.12484	.15810	.22568	.29201	.30316	.30820
PRINTING(27)	.08004	.10571	.14506	.19623	.20944	.22559
CHEMICALS(28)	.15355	.19083	.28757	.38414	.40789	.42730
PETRO PROD(29)	.10441	.13742	.22010	.29616	.32283	.34375
RUBBER(30)	.04157	.05770	.08790	.11481	.12285	.12241
LEATHER(31)	.01601	.01633	.01765	.02077	.02231	.02115
MINING	.02309	.03058	.06154	.09814	.11947	.12394
CONSTRUCTION	.07071	.10667	.10994	.16362	.16885	.16989
RAILROAD(40)	.02793	.03220	.04150	.05354	.05252	.04941
TRUCKING(42)	.02727	.04113	.05720	.07414	.07716	.07680
LOCAL/INTERURBAN(41)	.00198	.00232	.00294	.00368	.00380	.00397
AIR TRANSP.(45)	.02319	.03795	.05719	.08364	.08916	.09226
OTHER TRANSP.	.00862	.01019	.01496	.02212	.02443	.02607
COMMUNICATION(48)	.02496	.04173	.06375	.09054	.10162	.11469
PUBLIC UTILITIES(49)	.03224	.04762	.07053	.09554	.10657	.12028
BANKING(60)	.00194	.00312	.00486	.00694	.00777	.00880
INSURANCE(63+64)	.03659	.05232	.07824	.10952	.12182	.13341
CREDIT&FINANCE(61+62	.01169	.01827	.02635	.04190	.04799	.05514
REAL ESTATE(65,69)	.20885	.37688	.49677	.71829	.77482	.82551
EATING & DRINKING(58	.01198	.01655	.02850	.03964	.04281	.04608
REST OF RETAL(R52)	.01051	.01523	.02001	.02517	.02643	.02775
WHOLESALE	.05188	.07205	.10976	.15587	.16682	.17547
HOTELS(70)	.01434	.02137	.02924	.04398	.04875	.05253
PER. SERV. & REPR.	.00195	.00221	.00289	.00389	.00415	.00436
PRIVATE HOUSEHOLD	.00771	.00815	.00971	.01033	.01080	.01175
AUTO REP/SERV(75)	.00693	.01085	.01714	.02421	.02581	.02808
MISC. BUSI. SERV.(73	.03687	.05468	.09324	.15576	.17662	.19448
AMUSE.&RECREATION(79	.00472	.00665	.01025	.01405	.01518	.01672
MOTION PICTURES(78)	.00489	.00588	.00859	.01177	.01282	.01343
MEDICAL(80)	.00174	.00389	.00740	.01100	.01263	.01448
MISC. PROF. SERV.(81	.01439	.02451	.03904	.06506	.07454	.08385
EDUCTAION(82)	.00065	.00118	.00151	.00195	.00214	.00[illegible]
NON-PROFIT ORG.(83)	.00119	.00171	.00236	.00307	.00323	.003[illegible]
AGRI/FOR/FISH SERV.	.00199	.00306	.00494	.00780	.00831	.00874

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

OUTPUT (SUPPLY-BILLIONS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.01654	.02016	.03558	.04206	.04330	.03879
FURNITURE(25)	.00545	.00596	.00758	.00912	.00901	.00825
STONE,CLAY,ETC.(32)	.01644	.01956	.03179	.04575	.04582	.04248
PRIMARY METALS(33)	.11534	.11451	.15977	.23755	.24693	.21650
FABRICATED METAL(34)	.34751	.39051	.58711	.73475	.73643	.68892
NON-ELEC MACHINE(35)	.21432	.22578	.44766	.73361	.77751	.74823
ELECT. EQUIPMENT(36)	.05653	.05773	.10276	.15039	.15688	.16186
MOTOR VEH.(371)	.00261	.00303	.00502	.00667	.00633	.00459
REST TRANS. EQUIP.	.02752	.02347	.06147	.08294	.08228	.08365
INSTRUMENTS(38)	.01061	.01380	.03372	.04694	.05344	.05434
MISC. MANUF.(39)	.14138	.17255	.23966	.30690	.30767	.29900
FOOD(20)	.19991	.24734	.31207	.38840	.38075	.39564
TOBACCO MANUF(21)	.07170	.03594	.01318	.00515	.00465	.00403
TEXTILES(22)	.07821	.09344	.12540	.14671	.14616	.12598
APPAREL(23)	.04404	.05028	.06633	.08007	.08407	.08150
PAPER(26)	.29172	.36662	.51805	.66638	.68545	.69095
PRINTING(27)	.18647	.24825	.34300	.46333	.48989	.52822
CHEMICALS(28)	.12935	.18005	.28500	.36537	.40335	.41126
PETRO PROD(29)	.00386	.00525	.01412	.02073	.02734	.02778
RUBBER(30)	.10895	.12977	.17287	.23242	.24204	.25045
LEATHER(31)	.02448	.02198	.02340	.02902	.02981	.02687
MINING	.00326	.01066	.01362	.01393	.01470	.01671
CONSTRUCTION	.25989	.38484	.32412	.49672	.50136	.51461
RAILROAD(40)	.01239	.01318	.02078	.02508	.02489	.02361
TRUCKING(42)	.04719	.07218	.10219	.12243	.13148	.13215
LOCAL/INTERURBAN(41)	.01908	.02621	.04568	.05637	.05678	.06137
AIR TRANSP.(45)	.00050	.00091	.00145	.00224	.00231	.00230
OTHER TRANSP.	.00657	.00915	.01510	.02238	.02542	.02983
COMMUNICATION(48)	.06133	.11731	.18154	.23645	.26999	.30340
PUBLIC UTILITIES(49)	.10829	.16066	.24388	.30162	.33219	.36613
BANKING(60)	.02974	.04856	.07811	.10204	.12028	.13705
INSURANCE(63+64)	.12707	.18334	.27366	.38547	.43887	.47734
CREDIT&FINANCE(61+62	.00453	.00695	.01000	.02015	.02373	.02793
REAL ESTATE(65,69)	.07567	.12707	.18879	.28638	.33627	.36173
EATING & DRINKING(58	.09032	.13142	.21343	.30245	.32351	.34769
REST OF RETAL(R52)	.22691	.33637	.43568	.55738	.59162	.61417
WHOLESALE	.12838	.18609	.30138	.41642	.45348	.50222
HOTELS(70)	.01257	.01804	.02637	.04035	.04544	.05216
PER. SERV. & REPR.	.05175	.05897	.08019	.11041	.11938	.12722
PRIVATE HOUSEHOLD	.00479	.00515	.00688	.00753	.00805	.00868
AUTO REP/SERV(75)	.03325	.05278	.07852	.11215	.12143	.13549
MISC. BUSI. SERV.(73	.04052	.05518	.08772	.16100	.18847	.21629
AMUSE.&RECREATION(79	.00862	.01324	.01922	.02703	.02883	.03162
MOTION PICTURES(78)	.00500	.00620	.00842	.01144	.01216	.01271
MEDICAL(80)	.06157	.14717	.28719	.41797	.48525	.54850
MISC. PROF. SERV.(81	.02221	.03992	.06736	.11338	.13036	.14732
EDUCTAION(82)	.05040	.08490	.12394	.16705	.18079	.19703
NON-PROFIT ORG.(83)	.03220	.05185	.07183	.09980	.10584	.11551
AGRI/FOR/FISH SERV.	.00996	.01116	.01599	.03285	.02314	.02497

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

SUPPLY/DEMAND RATIO

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.38141	.34065	.41871	.39991	.41840	.40652
FURNITURE(25)	.24805	.19451	.22583	.21228	.19932	.18276
STONE,CLAY,ETC.(32)	.46471	.41215	.57009	.61041	.60831	.58768
PRIMARY METALS(33)	.59268	.53837	.50241	.57297	.58166	.61006
FABRICATED METAL(34)	3.52537	3.36433	3.74835	3.52057	3.44226	3.39701
NON-ELEC MACHINE(35)	1.49358	1.35333	1.91246	1.97929	1.98535	1.96000
ELECT. EQUIPMENT(36)	.55005	.49467	.70140	.69088	.67725	.66908
MOTOR VEH.(371)	.03229	.02491	.02995	.03825	.03422	.02659
REST TRANS. EQUIP.	.34700	.33375	.90190	.77925	.72399	.73604
INSTRUMENTS(38)	.42856	.42975	.67371	.61857	.63583	.59704
MISC. MANUF.(39)	4.11738	3.96434	4.19984	4.33679	4.22243	4.04373
FOOD(20)	.78471	.78361	.73456	.72783	.68675	.68159
TOBACCO MANUF(21)	2.11493	1.28498	.46521	.14506	.11524	.09359
TEXTILES(22)	1.06620	1.04173	1.10403	1.09530	1.08469	1.02949
APPAREL(23)	.78634	.74271	.77723	.79594	.79745	.79052
PAPER(26)	2.09752	2.08141	2.06042	2.04833	2.02946	2.01233
PRINTING(27)	1.50764	1.51971	1.53017	1.52795	1.51365	1.51524
CHEMICALS(28)	.79573	.89119	.93610	.89841	.93404	.90909
PETRO PROD(29)	.03592	.03715	.06238	.06803	.08232	.07856
RUBBER(30)	2.37092	2.03469	1.77930	1.83148	1.78255	1.85107
LEATHER(31)	1.46668	1.29083	1.27201	1.34038	1.28151	1.21893
MINING	.12982	.32014	.20321	.13033	.11300	.12382
CONSTRUCTION	.97423	.95630	.78142	.80464	.78703	.80286
RAILROAD(40)	.34979	.32264	.39472	.36930	.37369	.37674
TRUCKING(42)	.90989	.92284	.93934	.86836	.89596	.90476
LOCAL/INTERURBAN(41)	.93216	1.09107	1.50293	1.47976	1.44556	1.49443
AIR TRANSP.(45)	.02109	.02381	.02502	.02642	.02564	.02468
OTHER TRANSP.	.46703	.55031	.61870	.62023	.63794	.70132
COMMUNICATION(48)	.87290	.99859	1.01156	.92770	.94379	.93971
PUBLIC UTILITIES(49)	.87633	.88030	.90213	.82366	.81331	.79420
BANKING(60)	1.00607	1.02032	1.05396	.96435	1.01465	1.02051
INSURANCE(63+64)	1.57790	1.59191	1.58907	1.59898	1.63669	1.62549
CREDIT&FINANCE(61+62	.28414	.27891	.27818	.35265	.36271	.37150
REAL ESTATE(65,69)	.27341	.25443	.28677	.30086	.32750	.33065
EATING & DRINKING(58	1.14476	1.20579	1.13703	1.15859	1.14746	1.14578
REST OF RETAL(R52)	1.13472	1.16090	1.14434	1.16387	1.17662	1.16323
WHOLESALE	.72271	.75423	.80187	.78020	.79385	.83579
HOTELS(70)	.77505	.74633	.79758	.81140	.82435	.87815
PER. SERV. & REPR.	1.06551	1.07489	1.11503	1.14180	1.15550	1.17174
PRIVATE HOUSEHOLD	.38790	.39458	.44241	.45495	.46532	.46134
AUTO REP/SERV(75)	.87048	.88280	.83128	.84059	.85372	.87555
MISC. BUSI. SERV.(73	.58230	.53473	.49854	.54768	.56544	.58930
AMUSE.&RECREATION(79	.65946	.71857	.67685	.69465	.68555	.68266
MOTION PICTURES(78)	.55317	.57015	.52988	.52586	.51331	.51228
MEDICAL(80)	1.06730	1.14228	1.17368	1.14788	1.16143	1.14517
MISC. PROF. SERV.(81	.62630	.66115	.70045	.70742	.70993	.71312
EDUCTAION(82)	2.07637	1.93268	2.21048	2.30298	2.27846	2.29[illegible]
NON-PROFIT ORG.(83)	1.09960	1.23332	1.23697	1.32245	1.33424	1.344[illegible]2
AGRI/FOR/FISH SERV.	1.44933	1.05435	.93623	1.21710	.80487	.82568

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

PERCENT SHIPPED WITHIN AREA: SS/SUPPLY

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.04917	.05506	.04479	.04690	.04483	.04614
FURNITURE(25)	.01826	.02329	.02006	.02134	.02273	.02479
STONE,CLAY,ETC.(32)	.85945	.96904	.70057	.65429	.65655	.67960
PRIMARY METALS(33)	.05470	.06021	.06452	.05658	.05573	.05314
FABRICATED METAL(34)	.07209	.07554	.06780	.07219	.07383	.07482
NON-ELEC MACHINE(35)	.08395	.09265	.06556	.06335	.06316	.06397
ELECT. EQUIPMENT(36)	.11908	.13242	.09339	.09481	.09672	.09790
MOTOR VEH.(371)	.00059	.00076	.00063	.00050	.00056	.00071
REST TRANS. EQUIP.	.84385	.87735	.32466	.37576	.40444	.39782
INSTRUMENTS(38)	.42551	.42434	.27068	.29481	.28681	.30544
MISC. MANUF.(39)	.03901	.04052	.03825	.03704	.03804	.03973
FOOD(20)	.12695	.12713	.13562	.13688	.14506	.14616
TOBACCO MANUF(21)	.04288	.07058	.19495	.62520	.78698	.96901
TEXTILES(22)	.06565	.06719	.06340	.06391	.06453	.06799
APPAREL(23)	.05426	.05745	.05490	.05361	.05351	.05398
PAPER(26)	.04882	.04920	.04970	.04999	.05046	.05089
PRINTING(27)	.23406	.23220	.23061	.23095	.23313	.23289
CHEMICALS(28)	.06968	.06222	.05923	.06172	.05936	.06099
PETRO PROD(29)	.77663	.75083	.44719	.41008	.33887	.35510
RUBBER(30)	.04018	.04682	.05354	.05202	.05344	.05147
LEATHER(31)	.02786	.03165	.03212	.03048	.03188	.03352
MINING	.62769	.25454	.40099	.62522	.72113	.65813
CONSTRUCTION	.75439	.76853	.94052	.91338	.93382	.91541
RAILROAD(40)	.60474	.65564	.53591	.57279	.56607	.56149
TRUCKING(42)	.52114	.51383	.50480	.54607	.52925	.52410
LOCAL/INTERURBAN(41)	.96902	.82789	.60102	.61043	.62487	.60444
AIR TRANSP.(45)	.57707	.51131	.48644	.46078	.47481	.49320
OTHER TRANSP.	.82840	.70303	.62532	.62378	.60646	.55165
COMMUNICATION(48)	.73865	.64568	.63740	.69502	.68317	.68614
PUBLIC UTILITIES(49)	.84340	.83960	.81927	.89733	.90875	.93061
BANKING(60)	.92881	.91584	.88661	.96899	.92096	.91566
INSURANCE(63+64)	.34584	.34280	.34341	.34128	.33342	.33571
CREDIT&FINANCE(61+62	.93800	.95561	.95812	.75578	.73483	.71744
REAL ESTATE(65,69)	.89754	.96452	.85573	.81568	.74933	.74217
EATING & DRINKING(58	.74091	.70341	.74594	.73206	.73916	.74025
REST OF RETAL(R52)	.83496	.81613	.82794	.81405	.80522	.81450
WHOLESALE	.97961	.93867	.88291	.90743	.89183	.84707
HOTELS(70)	.14922	.15496	.14500	.14254	.14030	.13170
PER. SERV. & REPR.	.90078	.89293	.86078	.84060	.83063	.81913
PRIVATE HOUSEHOLD	.96900	.95259	.84961	.82619	.80778	.81474
AUTO REP/SERV(75)	.94037	.92725	.98470	.97380	.95882	.93492
MISC. BUSI. SERV.(73	.80734	.87916	.94298	.85837	.83142	.79775
AMUSE.&RECREATION(79	.96901	.88930	.94412	.91992	.93213	.93609
MOTION PICTURES(78)	.82954	.80483	.86599	.87261	.89395	.89575
MEDICAL(80)	.90863	.84898	.82627	.84484	.83499	.84684
MISC. PROF. SERV.(81	.94855	.89856	.84814	.83979	.83682	.83307
EDUCTAION(82)	.46865	.50349	.44021	.42253	.42708	.42335
NON-PROFIT ORG.(83)	.87239	.77780	.77551	.72538	.71897	.71337
AGRI/FOR/FISH SERV.	.49056	.67433	.75942	.58417	.88336	.86109

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

REGIONAL PURCHASE COEFFICIENT: SS/DEMAND

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.01876	.01876	.01876	.01876	.01876	.01876
FURNITURE(25)	.00453	.00453	.00453	.00453	.00453	.00453
STONE,CLAY,ETC.(32)	.39939	.39939	.39939	.39939	.39939	.39939
PRIMARY METALS(33)	.03242	.03242	.03242	.03242	.03242	.03242
FABRICATED METAL(34)	.25416	.25416	.25416	.25416	.25416	.25416
NON-ELEC MACHINE(35)	.12539	.12539	.12539	.12539	.12539	.12539
ELECT. EQUIPMENT(36)	.06550	.06550	.06550	.06550	.06550	.06550
MOTOR VEH.(371)	.00002	.00002	.00002	.00002	.00002	.00002
REST TRANS. EQUIP.	.29281	.29281	.29281	.29281	.29281	.29281
INSTRUMENTS(38)	.18236	.18236	.18236	.18236	.18236	.18236
MISC. MANUF.(39)	.16064	.16064	.16064	.16064	.16064	.16064
FOOD(20)	.09962	.09962	.09962	.09962	.09962	.09962
TOBACCO MANUF(21)	.09069	.09069	.09069	.09069	.09069	.09069
TEXTILES(22)	.07000	.07000	.07000	.07000	.07000	.07000
APPAREL(23)	.04267	.04267	.04267	.04267	.04267	.04267
PAPER(26)	.10240	.10240	.10240	.10240	.10240	.10240
PRINTING(27)	.35288	.35288	.35288	.35288	.35288	.35288
CHEMICALS(28)	.05545	.05545	.05545	.05545	.05545	.05545
PETRO PROD(29)	.02790	.02790	.02790	.02790	.02790	.02790
RUBBER(30)	.09527	.09527	.09527	.09527	.09527	.09527
LEATHER(31)	.04086	.04086	.04086	.04086	.04086	.04086
MINING	.08149	.08149	.08149	.08149	.08149	.08149
CONSTRUCTION	.73495	.73495	.73495	.73495	.73495	.73495
RAILROAD(40)	.21153	.21153	.21153	.21153	.21153	.21153
TRUCKING(42)	.47418	.47418	.47418	.47418	.47418	.47418
LOCAL/INTERURBAN(41)	.90329	.90329	.90329	.90329	.90329	.90329
AIR TRANSP.(45)	.01217	.01217	.01217	.01217	.01217	.01217
OTHER TRANSP.	.38689	.38689	.38689	.38689	.38689	.38689
COMMUNICATION(48)	.64477	.64477	.64477	.64477	.64477	.64477
PUBLIC UTILITIES(49)	.73909	.73909	.73909	.73909	.73909	.73909
BANKING(60)	.93445	.93445	.93445	.93445	.93445	.93445
INSURANCE(63+64)	.54570	.54570	.54570	.54570	.54570	.54570
CREDIT&FINANCE(61+62	.26653	.26653	.26653	.26653	.26653	.26653
REAL ESTATE(65,69)	.24540	.24540	.24540	.24540	.24540	.24540
EATING & DRINKING(58	.84816	.84816	.84816	.84816	.84816	.84816
REST OF RETAL(R52)	.94744	.94744	.94744	.94744	.94744	.94744
WHOLESALE	.70798	.70798	.70798	.70798	.70798	.70798
HOTELS(70)	.11565	.11565	.11565	.11565	.11565	.11565
PER. SERV. & REPR.	.95980	.95980	.95980	.95980	.95980	.95980
PRIVATE HOUSEHOLD	.37587	.37587	.37587	.37587	.37587	.37587
AUTO REP/SERV(75)	.81857	.81857	.81857	.81857	.81857	.81857
MISC. BUSI. SERV.(73	.47011	.47011	.47011	.47011	.47011	.47011
AMUSE.&RECREATION(79	.63902	.63902	.63902	.63902	.63902	.63902
MOTION PICTURES(78)	.45887	.45887	.45887	.45887	.45887	.45887
MEDICAL(80)	.96978	.96978	.96978	.96978	.96978	.96978
MISC. PROF. SERV.(81	.59408	.59408	.59408	.59408	.59408	.59408
EDUCTAION(82)	.97308	.97308	.97308	.97308	.97308	.973[illegible]
NON-PROFIT ORG.(83)	.95928	.95928	.95928	.95928	.95928	.959[illegible]
AGRI/FOR/FISH SERV.	.71099	.71099	.71099	.71099	.71099	.71099

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

WAGE RATE (THOUSANDS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	4.920	6.702	8.659	11.201	12.256	13.251
FURNITURE(25)	5.176	6.835	9.581	12.371	13.851	14.796
STONE,CLAY,ETC.(32)	6.914	9.592	13.400	16.890	18.217	19.378
PRIMARY METALS(33)	6.549	8.608	12.625	15.953	17.485	18.383
FABRICATED METAL(34)	6.566	9.102	12.502	15.847	17.606	18.787
NON-ELEC MACHINE(35)	7.034	9.625	13.723	17.361	19.241	21.048
ELECT. EQUIPMENT(36)	6.266	8.969	12.846	16.354	18.393	20.222
MOTOR VEH.(371)	7.154	11.125	16.762	19.956	23.231	25.704
REST TRANS. EQUIP.	7.492	9.989	15.266	20.172	22.176	24.399
INSTRUMENTS(38)	6.846	9.653	14.244	18.117	19.954	21.130
MISC. MANUF.(39)	5.217	6.859	9.671	12.258	13.561	14.796
FOOD(20)	6.152	8.374	11.493	14.342	15.841	17.000
TOBACCO MANUF(21)	4.588	8.234	10.411	5.027	5.281	6.630
TEXTILES(22)	5.632	7.535	10.471	13.014	14.421	15.417
APPAREL(23)	4.255	5.570	7.713	9.455	10.177	10.725
PAPER(26)	6.747	8.956	13.079	16.705	18.099	19.255
PRINTING(27)	6.609	9.006	12.157	14.543	15.804	17.041
CHEMICALS(28)	7.983	10.367	15.009	20.785	21.483	24.398
PETRO PROD(29)	7.571	11.786	16.717	21.063	22.638	24.922
RUBBER(30)	6.125	7.978	11.151	13.723	14.720	15.864
LEATHER(31)	5.054	6.480	8.640	10.991	11.925	12.574
MINING	8.535	12.146	13.756	17.748	19.402	20.269
CONSTRUCTION	7.399	10.794	12.837	15.124	17.296	19.067
RAILROAD(40)	7.962	11.385	17.327	24.063	25.820	27.250
TRUCKING(42)	6.964	9.714	13.337	17.229	18.278	18.434
LOCAL/INTERURBAN(41)	4.527	5.299	7.356	9.179	10.169	10.192
AIR TRANSP.(45)	8.429	12.160	17.778	22.576	25.290	26.586
OTHER TRANSP.	5.473	7.409	10.379	13.381	14.467	14.748
COMMUNICATION(48)	7.028	9.576	15.966	20.836	23.342	24.986
PUBLIC UTILITIES(49)	8.517	11.318	16.216	21.470	23.357	24.603
BANKING(60)	5.335	6.941	8.974	11.756	12.824	13.984
INSURANCE(63+64)	5.847	7.636	10.917	14.479	15.552	16.852
CREDIT&FINANCE(61+62	8.189	10.923	14.389	18.748	19.580	21.558
REAL ESTATE(65,69)	4.283	6.300	8.337	11.138	12.452	13.400
EATING & DRINKING(58	2.976	3.427	4.530	5.380	5.736	5.991
REST OF RETAL(R52)	4.169	5.322	7.025	8.325	8.844	9.262
WHOLESALE	6.874	8.915	12.342	16.438	17.535	18.239
HOTELS(70)	3.183	3.934	5.544	7.269	7.790	8.345
PER. SERV. & REPR.	3.886	4.912	7.006	8.875	9.344	9.923
PRIVATE HOUSEHOLD	2.076	2.452	3.682	4.980	5.191	5.496
AUTO REP/SERV(75)	4.128	5.669	8.111	10.122	10.829	11.552
MISC. BUSI. SERV.(73	5.852	6.787	8.412	11.099	12.422	13.674
AMUSE.&RECREATION(79	3.669	4.673	6.314	7.737	8.351	8.801
MOTION PICTURES(78)	3.101	4.425	5.126	7.642	8.339	9.364
MEDICAL(80)	4.048	5.849	8.582	10.982	11.742	12.983
MISC. PROF. SERV.(81	7.148	9.271	13.329	17.395	18.962	20.868
EDUCTAION(82)	4.128	6.917	7.890	8.800	10.102	10.931
NON-PROFIT ORG.(83)	3.600	4.650	5.424	6.774	7.117	7.553
AGRI/FOR/FISH SERV.	5.124	7.164	8.745	11.232	10.152	10.026

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

INDUSTRIAL MIX INDEX

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.93441	.99917	1.00000	1.00434	1.00953	1.01122
FURNITURE(25)	1.00532	1.01173	1.00000	.97877	.97443	.96186
STONE,CLAY,ETC.(32)	.98622	.99187	1.00000	1.02965	1.04062	1.03361
PRIMARY METALS(33)	.95979	1.02339	1.00000	1.02160	1.02374	1.07228
FABRICATED METAL(34)	1.37909	1.10254	1.00000	.99294	1.03135	1.06241
NON-ELEC MACHINE(35)	1.00354	.99808	1.00000	1.04608	1.05608	1.08892
ELECT. EQUIPMENT(36)	.91660	.95680	1.00000	1.05669	1.05392	1.06960
MOTOR VEH.(371)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REST TRANS. EQUIP.	.59016	.98541	1.00000	.87985	.83960	.75005
INSTRUMENTS(38)	1.07333	.98439	1.00000	1.00349	.97090	.96818
MISC. MANUF.(39)	1.01388	1.04043	1.00000	1.01011	1.01912	1.01750
FOOD(20)	1.19538	1.06734	1.00000	.96985	.96658	.96985
TOBACCO MANUF(21)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TEXTILES(22)	.99995	.99421	1.00000	1.00155	1.01000	1.01314
APPAREL(23)	.99574	.99706	1.00000	1.00076	1.00117	1.00128
PAPER(26)	.99382	.99187	1.00000	1.00293	1.00466	1.00779
PRINTING(27)	1.00400	1.01260	1.00000	1.00587	1.00224	1.00200
CHEMICALS(28)	1.03109	1.03641	1.00000	.98796	.99223	.99358
PETRO PROD(29)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
RUBBER(30)	.94664	.97125	1.00000	1.03574	1.05038	1.04948
LEATHER(31)	1.00536	1.00642	1.00000	1.01004	1.00680	1.00535
MINING	1.25956	1.20704	1.00000	.89117	.81867	.75437
CONSTRUCTION	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
RAILROAD(40)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TRUCKING(42)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
LOCAL/INTERURBAN(41)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AIR TRANSP.(45)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
OTHER TRANSP.	.65290	.82429	1.00000	1.12131	1.13625	1.19883
COMMUNICATION(48)	.99376	.99391	1.00000	1.00162	1.00236	1.00411
PUBLIC UTILITIES(49)	.94527	.97792	1.00000	1.02502	1.02659	1.02983
BANKING(60)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
INSURANCE(63+64)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
CREDIT&FINANCE(61+62	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REAL ESTATE(65,69)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
EATING & DRINKING(58	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REST OF RETAL(R52)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
WHOLESALE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
HOTELS(70)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
PER. SERV. & REPR.	.99999	.99999	1.00000	.99999	.99999	.99999
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MISC. BUSI. SERV.(73	.98412	.99329	1.00000	1.00274	1.00384	1.00345
AMUSE.&RECREATION(79	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MOTION PICTURES(78)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MEDICAL(80)	.99510	.99987	1.00000	1.00080	1.00117	1.00090
MISC. PROF. SERV.(81	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
EDUCTAION(82)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
NON-PROFIT ORG.(83)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00
AGRI/FOR/FISH SERV.	.99492	1.00954	1.00000	1.01353	1.01572	1.02108

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

EMPLOYMENT BY OCCUPATION

	1967	1972	1977	1980	1981	1982
AERONAUT. ENGINEERS	.079	.057	.081	.082	.076	.072
CHEMICAL ENGINEERS	.134	.128	.131	.132	.130	.123
CIVIL ENGINEERS	.351	.404	.402	.449	.441	.432
ELEC. ENGINEERS	.527	.495	.545	.594	.583	.566
IND. ENGINEERS	.503	.442	.476	.512	.495	.467
MECH. ENGINEERS	.460	.396	.446	.495	.476	.445
METAL & MTRLS ENGNRS	.047	.037	.039	.042	.040	.036
MINING-PETRO ENGNRS	.010	.013	.013	.014	.014	.014
SALES & NEC ENGNRS	.409	.381	.420	.463	.451	.433
COMPUTER PROGRAMMERS	.555	.554	.614	.690	.688	.673
COMPUTER ANALYSTS	.358	.351	.394	.444	.442	.431
CMPTR SPCLSTS & NEC	.066	.065	.073	.083	.083	.081
HEALTH TECHNOLOGISTS	.550	.806	1.021	1.139	1.192	1.220
NURSES, THERPSTS,...	1.402	2.011	2.512	2.790	2.911	2.973
PHYS. ,DENT.,...	.917	1.245	1.479	1.636	1.687	1.716
AGRI BIO TECHNICIANS	.101	.099	.098	.104	.099	.097
CHEMICAL TECHNICIANS	.198	.197	.204	.206	.205	.193
DRAFTSMEN	.691	.657	.717	.796	.774	.736
ELECTRCL TECHNICIANS	.372	.336	.377	.413	.404	.392
INDUST ENGNR TECHNCS	.080	.068	.072	.076	.073	.068
MECH. ENG. TECH.	.031	.025	.029	.032	.031	.028
MATH TECHNICIANS	.004	.004	.005	.005	.005	.005
NEC TECHNICIANS	.760	.745	.768	.829	.808	.775
PRE K, K-6 TEACHERS	1.754	1.826	2.192	2.552	2.534	2.521
7-12 TEACHERS	1.754	1.843	2.188	2.528	2.512	2.499
EDITORS + REPORTERS	.691	.696	.701	.755	.742	.744
PUBLIC RELATIONS	.296	.325	.347	.382	.382	.379
NEC WRITERS & ARTSTS	1.728	1.818	1.905	2.107	2.077	2.066
RELIGIOUS WORDERS	.807	.962	1.015	1.127	1.114	1.123
SOCIAL SCIENTISTS	.584	.655	.735	.814	.816	.807
SOC & REC WORKERS	1.592	1.971	2.148	2.371	2.357	2.349
POST-SEC TEACHERS	.634	.657	.792	.923	.917	.912
ACCOUNTANTS	2.363	2.519	2.695	2.951	2.933	2.884
AIRLINE TECHNICIANS	.139	.125	.131	.137	.133	.132
ARCHITECTS	.068	.082	.091	.110	.111	.112
FARM AND ENVIRONMENT	.177	.186	.200	.230	.213	.211
LAWYERS AND JUDGES	1.139	1.400	1.544	1.736	1.743	1.727
LIBRARIANS	.221	.239	.276	.315	.313	.311
BIO & PHYS SCIENTSTS	.600	.614	.658	.704	.697	.680
MATH SPECIALISTS	.112	.116	.124	.136	.137	.136
SYSTEMS ANALYSTS	.327	.299	.324	.347	.338	.323
LABOR RELATION WRKRS	1.122	1.237	1.339	1.487	1.485	1.464
NEC RSRCH WRKRS	.222	.235	.263	.295	.294	.291
NEC TECHNCS & ENGNRS	.430	.516	.562	.613	.609	.597
VOCATNL & ED CNSLRS	.262	.291	.339	.387	.385	.382

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

EMPLOYMENT BY OCCUPATION
(CONTINUED)

	1967	1972	1977	1980	1981	1982
FINANCIAL MANAGERS	.778	.901	1.023	1.105	1.168	1.187
FARM PRODUCTS MANGRS	.042	.043	.047	.050	.049	.051
WHOLSL & RETL BUYERS	.347	.381	.381	.402	.401	.401
HEALTH ADMINISTRATRS	.189	.289	.370	.413	.434	.446
INSPECTORS	.770	.930	1.018	1.103	1.093	1.072
NEC PUBLC ADMNSTRTRS	2.053	2.494	2.727	2.957	2.932	2.874
RAILROAD CONDUCTORS	.051	.035	.035	.031	.029	.025
RESTAURANT MANAGERS	.996	1.195	1.451	1.660	1.652	1.678
SALES MANAGERS	1.615	1.653	1.651	1.741	1.719	1.687
COLLEGE ADMNSTRTRS	.061	.063	.076	.089	.088	.088
1-12 SCHOOL ADMINS	.299	.310	.373	.435	.432	.430
NEC ADMINISTRATORS	15.146	15.410	15.303	16.421	16.167	15.864
SALES & ADVERT AGNTS	.242	.253	.255	.283	.284	.287
INSURANCE AGENTS	2.270	2.398	2.506	2.772	2.895	2.890
REAL ESTATE AGENTS	.246	.276	.308	.357	.383	.384
STOCK & BOND BROKRS	.057	.064	.068	.096	.103	.108
NEC SALES WORKERS	10.384	10.980	10.777	11.306	11.183	11.039
INSURANCE ADJUSTERS	.676	.719	.754	.835	.870	.868
INFO PROCESS WRKRS	2.010	2.096	2.254	2.459	2.457	2.416
SECRETARIES	8.099	8.781	9.477	10.420	10.412	10.298
NEC CLERICL & KINDRD	28.468	30.322	32.045	34.512	34.410	34.039
ELECTRIC LINEMEN	.155	.162	.154	.155	.152	.150
ELECTRICIANS	1.194	1.160	1.042	1.137	1.085	1.033
TELEPHONE INSTALLERS	.715	.889	.863	.885	.901	.914
NEC CONSTRUCTION	5.932	6.057	4.884	5.500	5.223	5.011
FORGE- & HAMMER-MEN	.095	.077	.079	.082	.076	.068
FURNITURE FINISHERS	.038	.036	.034	.035	.035	.033
LOCOMOTIVE ENGINEERS	.089	.062	.062	.057	.053	.046
MACHINISTS	1.671	1.378	1.527	1.672	1.592	1.459
REPAIR & MECHANICS	7.367	7.233	7.271	7.696	7.519	7.328
PRINTING TRADES	1.749	1.701	1.678	1.768	1.717	1.697
SHEET METAL WORKERS	.477	.415	.402	.419	.390	.358
TOOL AND DIE MAKERS	.657	.532	.600	.655	.618	.559
NEC CRAFTSMEN	8.867	8.128	8.081	8.443	8.099	7.663
MACHINE OPERATIVES	1.363	1.082	1.262	1.425	1.353	1.221
TEXTILE OPERATIVES	1.191	1.049	.964	.889	.824	.692
NEC OPERATIVES	31.613	27.542	27.215	27.967	26.577	24.763
MASS TRANSIT WORKERS	.716	.762	.931	.946	.904	.921
RAILROAD BRAKEMEN	.145	.103	.103	.096	.089	.079
TRUCK DRIVERS	3.875	3.961	3.914	4.000	3.912	3.801
NEC TRANSIT OPER'S	2.874	2.781	2.842	2.943	2.845	2.778
CONSTRUCT LABORERS	1.474	1.547	1.104	1.287	1.208	1.158
OTHER LABORERS	8.411	8.296	8.391	8.895	8.568	8.331
CLEANING WORKERS	4.361	4.812	5.296	5.933	5.954	5.957
FOOD SERVICE WORKERS	6.741	8.072	9.682	11.022	11.004	11.182
HEALTH ASSTS	2.122	3.171	4.015	4.464	4.684	4.8[illegible]
PERSONAL SERVICE	3.837	3.870	3.970	4.317	4.339	4.4[illegible]
PRIV HH WORKERS	2.325	1.963	1.771	1.445	1.455	1.471
PROTCTV SRVC	8.564	10.939	12.055	13.241	13.164	12.878

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

OCCUPATION WAGE RATE CHANGE

	1967	1972	1977	1980	1981	1982
AERONAUT. ENGINEERS	.00000	.03925	.09846	.09461	.08171	.06349
CHEMICAL ENGINEERS	.00000	.05132	.08405	.08899	.08176	.06249
CIVIL ENGINEERS	.00000	.06233	.08526	.09708	.08764	.07005
ELEC. ENGINEERS	.00000	.05138	.08846	.09675	.08727	.06897
IND. ENGINEERS	.00000	.04739	.08597	.09425	.08404	.06429
MECH. ENGINEERS	.00000	.04613	.08798	.09735	.08607	.06497
METAL & MTRLS ENGNRS	.00000	.04393	.08220	.09149	.08117	.06056
MINING-PETRO ENGNRS	.00000	.06577	.08896	.09323	.08586	.07042
SALES & NEC ENGNRS	.00000	.05049	.08816	.09697	.08692	.06772
COMPUTER PROGRAMMERS	.00000	.05408	.08964	.09979	.09100	.07241
COMPUTER ANALYSTS	.00000	.05318	.09003	.10020	.09108	.07220
CMPTR SPCLSTS & NEC	.00000	.05337	.08971	.09958	.09068	.07216
HEALTH TECHNOLOGISTS	.00000	.07711	.10381	.10613	.10061	.08399
NURSES, THERPSTS,...	.00000	.07610	.10283	.10544	.09979	.08320
PHYS. ,DENT.,...	.00000	.07213	.09833	.10308	.09675	.08054
AGRI BIO TECHNICIANS	.00000	.05299	.08346	.09226	.08146	.06517
CHEMICAL TECHNICIANS	.00000	.05273	.08521	.08994	.08321	.06354
DRAFTSMEN	.00000	.05143	.08744	.09735	.08685	.06690
ELECTRCL TECHNICIANS	.00000	.04953	.08882	.09742	.08766	.06928
INDUST ENGNR TECHNCS	.00000	.04614	.08480	.09186	.08158	.06159
MECH. ENG. TECH.	.00000	.04507	.08719	.09569	.08501	.06429
MATH TECHNICIANS	.00000	.05666	.08558	.09152	.08477	.06931
NEC TECHNICIANS	.00000	.05313	.08542	.09437	.08478	.06614
PRE K, K-6 TEACHERS	.00000	.05467	.09571	.10721	.09614	.07787
7-12 TEACHERS	.00000	.05549	.09516	.10619	.09545	.07734
EDITORS + REPORTERS	.00000	.05427	.08547	.09462	.08579	.07057
PUBLIC RELATIONS	.00000	.05936	.08929	.09821	.08995	.07305
NEC WRITERS & ARTSTS	.00000	.05695	.08785	.09753	.08825	.07187
RELIGIOUS WORDERS	.00000	.06421	.09258	.10047	.09070	.07500
SOCIAL SCIENTISTS	.00000	.06101	.09230	.10046	.09204	.07429
SOC & REC WORKERS	.00000	.06700	.09332	.10098	.09161	.07461
POST-SEC TEACHERS	.00000	.05444	.09568	.10725	.09617	.07786
ACCOUNTANTS	.00000	.05808	.08856	.09729	.08879	.07125
AIRLINE TECHNICIANS	.00000	.05021	.08580	.09310	.08364	.06816
ARCHITECTS	.00000	.06322	.09065	.10359	.09456	.07824
FARM AND ENVIRONMENT	.00000	.05619	.08827	.10212	.08601	.06968
LAWYERS AND JUDGES	.00000	.06675	.09208	.10121	.09272	.07495
LIBRARIANS	.00000	.05745	.09375	.10394	.09379	.07605
BIO & PHYS SCIENTSTS	.00000	.05579	.08838	.09560	.08716	.06930
MATH SPECIALISTS	.00000	.05631	.08810	.09642	.08940	.07253
SYSTEMS ANALYSTS	.00000	.04952	.08700	.09457	.08507	.06612
LABOR RELATION WRKRS	.00000	.05990	.08982	.09952	.09090	.07312
NEC RSRCH WRKRS	.00000	.05717	.09124	.10053	.09175	.07412
NEC TECHNCS & ENGNRS	.00000	.06524	.09122	.09923	.09018	.07219
VOCATNL & ED CNSLRS	.00000	.05926	.09446	.10444	.09430	.07627

THE HAMPDEN/HAMPSHIRE FS-53 HISTORICAL DATA SET.

OCCUPATION WAGE RATE CHANGE
(CONTINUED)

	1967	1972	1977	1980	1981	1982
FINANCIAL MANAGERS	.00000	.05980	.08976	.09620	.09256	.07686
FARM PRODUCTS MANGRS	.00000	.05470	.08689	.09213	.08500	.07144
WHOLSL & RETL BUYERS	.00000	.05763	.08388	.09107	.08434	.06931
HEALTH ADMINISTRATRS	.00000	.07377	.09993	.10236	.09707	.08102
INSPECTORS	.00000	.06365	.08989	.09691	.08844	.07107
NEC PUBLC ADMNSTRTRS	.00000	.06394	.08994	.09703	.08852	.07111
RAILROAD CONDUCTORS	.00000	.04036	.07919	.08129	.07280	.05397
RESTAURANT MANAGERS	.00000	.06225	.09372	.10083	.09164	.07606
SALES MANAGERS	.00000	.05474	.08339	.09092	.08352	.06736
COLLEGE ADMNSTRTRS	.00000	.05433	.09187	.10157	.09207	.07486
1-12 SCHOOL ADMINS	.00000	.05436	.09284	.10294	.09303	.07555
NEC ADMINISTRATORS	.00000	.05459	.08342	.09190	.08409	.06778
SALES & ADVERT AGNTS	.00000	.05571	.08537	.09487	.08758	.07256
INSURANCE AGENTS	.00000	.05625	.08592	.09477	.09058	.07399
REAL ESTATE AGENTS	.00000	.06023	.08765	.09954	.09631	.07858
STOCK & BOND BROKRS	.00000	.05745	.08632	.10593	.10082	.08529
NEC SALES WORKERS	.00000	.05611	.08282	.09038	.08322	.06750
INSURANCE ADJUSTERS	.00000	.05660	.08615	.09495	.09053	.07392
INFO PROCESS WRKRS	.00000	.05599	.08739	.09525	.08771	.07071
SECRETARIES	.00000	.05772	.08825	.09611	.08838	.07163
NEC CLERICL & KINDRD	.00000	.05704	.08688	.09429	.08682	.07044
ELECTRIC LINEMEN	.00000	.05652	.08293	.08858	.08118	.06570
ELECTRICIANS	.00000	.05228	.07744	.09057	.08016	.06191
TELEPHONE INSTALLERS	.00000	.06853	.08599	.09133	.08627	.07208
NEC CONSTRUCTION	.00000	.05469	.07195	.08944	.07887	.06149
FORGE- & HAMMER-MEN	.00000	.04336	.08096	.08827	.07698	.05553
FURNITURE FINISHERS	.00000	.05124	.08073	.08788	.08045	.06408
LOCOMOTIVE ENGINEERS	.00000	.03626	.07759	.07977	.07020	.04965
MACHINISTS	.00000	.04374	.08621	.09563	.08371	.06153
REPAIR & MECHANICS	.00000	.05297	.08352	.09171	.08298	.06598
PRINTING TRADES	.00000	.05215	.08379	.09195	.08265	.06693
SHEET METAL WORKERS	.00000	.04619	.07865	.08788	.07634	.05619
TOOL AND DIE MAKERS	.00000	.04282	.08635	.09541	.08292	.05991
NEC CRAFTSMEN	.00000	.04922	.08221	.09016	.08024	.06145
MACHINE OPERATIVES	.00000	.04446	.08700	.09659	.08516	.06322
TEXTILE OPERATIVES	.00000	.04937	.07984	.08188	.07265	.05036
NEC OPERATIVES	.00000	.04819	.08157	.08837	.07905	.06062
MASS TRANSIT WORKERS	.00000	.05704	.09429	.09362	.08339	.06973
RAILROAD BRAKEMEN	.00000	.04032	.07911	.08216	.07322	.05387
TRUCK DRIVERS	.00000	.05480	.08417	.08924	.08158	.06517
NEC TRANSIT OPER'S	.00000	.05250	.08433	.09014	.08152	.06545
CONSTRUCT LABORERS	.00000	.05556	.06991	.08798	.07801	.06156
OTHER LABORERS	.00000	.05333	.08396	.09172	.08248	.06592
CLEANING WORKERS	.00000	.05829	.08941	.09797	.09010	.07378
FOOD SERVICE WORKERS	.00000	.06221	.09339	.10049	.09161	.07609
HEALTH ASSTS	.00000	.07330	.09968	.10223	.09683	.08077
PERSONAL SERVICE	.00000	.05354	.08458	.09334	.08664	.07[illegible]
PRIV HH WORKERS	.00000	.04714	.07929	.07573	.07226	.0599[illegible]
PROTCTV SRVC	.00000	.06589	.09065	.09817	.08956	.07176

Regional Economic Models, Inc.

George I. Treyz, President

HARTFORD COUNTY HISTORICAL DATA

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THE HARTFORD FS-53 HISTORICAL DATA SET.

SUMMARY TABLE FOR PRIVATE NONFARM SECTORS.

	1967	1972	1977	1980	1981	1982
PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
TOTAL	340.354	341.013	364.301	418.289	421.194	416.872
INTERMEDIATE	46.830	51.279	57.312	68.620	70.229	70.865
INDUCED	95.126	100.435	103.873	116.370	117.756	120.329
EXPORT	198.397	189.299	203.118	233.298	233.204	225.680
EXOGENOUS	.000	.000	.000	.000	.000	.000
COSTS RELATIVE TO THE U.S.						
PRODUCTION	1.05301	1.05246	1.03323	1.03321	1.03195	1.03961
FACTOR INPUTS	1.08339	1.08199	1.05284	1.05082	1.04980	1.06125
LABOR	1.06210	1.06430	1.03792	1.03283	1.03049	1.04221
FUEL	1.33363	1.44248	1.37471	1.38571	1.38571	1.38571
CAPITAL	1.03273	1.04493	1.02512	1.02009	1.02417	1.04194
INTERMED. INPUTS	1.01168	1.01228	1.00649	1.00919	1.00761	1.01012
PROD FOR LOCAL MKT	1.08440	1.07129	1.04048	1.04192	1.04019	1.04813
PROD. FOR EXPORT	1.02997	1.03864	1.02791	1.02682	1.02591	1.03335
OTHER VARIABLES:						
LABOR INTENSITY	1.00274	1.00637	1.01057	1.01235	1.01316	1.01388
MULT ADJ. INDEX	1.00000	1.03282	1.04443	1.04311	1.02909	1.03098
EXP. SHARE OF US-%	.85	.78	.77	.82	.81	.82
EXP EMP - % OF EMP	58.29	55.51	55.76	55.77	55.37	54.14
EMP. AS A % OF US	.59	.54	.52	.55	.54	.55
DEMAND (BILLIONS)	6.948	9.545	13.776	19.927	21.777	23.050
SELF SUPPLY (SS)	2.676	4.000	5.751	8.497	9.383	10.209
IMPORTS	4.272	5.545	8.025	11.430	12.394	12.842
OUTPUT (SUP-BIL)	7.571	10.132	15.105	22.535	24.668	26.009
SUP/DEM RATIO	1.09	1.06	1.10	1.13	1.13	1.13
PS= SS/SUPPLY	.35	.39	.38	.38	.38	.39
RPC= SS/DEMAND	.39	.42	.42	.43	.43	.44
WAGE RATE	6.834	8.773	11.916	15.546	16.883	18.249
INDEX	1.080924	.997961	1.000000	1.035167	1.034858	1.031398

THE HARTFORD FS-53 HISTORICAL DATA SET.

EMPLOYMENT TABLE. (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
MANUFACTURE	151.316	115.525	116.290	136.302	131.790	121.352
AS A % OF U.S.	.776	.606	.589	.670	.652	.643
DURABLES	135.228	100.483	99.199	116.755	112.399	102.062
NONDURABLES	16.088	15.042	17.091	19.547	19.391	19.290
NON MANUFACTURE	189.038	225.488	248.011	281.987	289.404	295.520
AS A % OF U.S.	.496	.515	.494	.503	.506	.518
MINING	.234	.134	.280	.244	.162	.162
CONT CONSTRUCTION	17.892	19.805	12.753	14.703	14.651	14.255
TRANSPORT + PUB UT	12.782	13.944	15.328	17.238	17.388	17.231
FINANCE, INS,+ RE	39.523	50.427	55.491	63.644	67.177	70.203
RETAIL TRADE	50.918	58.181	63.016	69.254	69.658	69.898
WHOLESALE TRADE	14.811	17.864	21.601	25.478	27.745	26.089
SERVICES	52.166	64.106	78.298	89.729	91.087	96.032
AGRI/FOR/FISH	.712	1.027	1.244	1.697	1.536	1.650
TOTAL GOVERNMENT	46.780	55.497	60.872	62.497	60.778	60.214
AS A % OF U.S.	.310	.335	.339	.333	.326	.324
ST AND LOCAL GOVT.	35.765	44.464	50.817	51.485	51.093	50.502
FED. GOVT. CIVI.	5.989	6.825	6.520	7.633	6.957	7.093
FED. GOVT. MILI.	5.026	4.208	3.535	3.379	2.728	2.619
FARM EMPLOYMENT	4.149	4.748	5.200	5.476	5.141	5.119
AS A % OF U.S.	.323	.387	.387	.410	.387	.388
TOTAL WAG&SAL EMP.	391.283	401.258	430.373	486.262	487.113	482.205
AS A % OF U.S.	.529	.498	.482	.504	.500	.503
POPULATION	793.000	821.000	806.000	809.000	810.000	811.000
AS A % OF U.S.	.402	.392	.367	.356	.353	.350

THE HARTFORD FS-53 HISTORICAL DATA SET.

PERSONAL INCOME TABLE (IN BILLIONS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
WAGE AND SAL DISB	2.606	3.481	5.024	7.382	8.029	8.609
PROPRIETORS INCOME	.226	.226	.303	.399	.375	.360
OTHER LABOR INCOME	.149	.268	.515	.798	.900	.981
DERIVATION OF PERSONAL INCOME BY PLACE OF RESIDENCE.						
TOT LABOR + PROP INC	2.981	3.976	5.842	8.580	9.304	9.950
AS A % OF U.S.	.592	.531	.499	.538	.532	.545
LESS SOC INSR CONT	.108	.182	.286	.451	.528	.575
PLUS RESID ADJ	.343	-.503	-.803	-1.317	-1.444	-1.540
PLUS DIV,INT,RENT	.546	.637	1.024	1.579	1.965	2.130
PLUS TRANSFER PAY	.202	.431	.788	1.026	1.192	1.328
PERSONAL INCOME	3.280	4.359	6.564	9.417	10.491	11.292
AS A % OF U.S.	.526	.461	.428	.436	.432	.439
LESS TAXES	.470	.669	.936	1.498	1.702	1.761
DISPOSABLE PER. INC.	2.809	3.690	5.628	7.920	8.789	9.531
CONSUMER PR INDEX	100.000	125.300	181.500	246.900	272.500	289.100
REAL DIS PER INC-'67	2.809	2.945	3.101	3.208	3.225	3.297
AS A % OF U.S.	.518	.458	.430	.434	.431	.439
BREAKDOWN OF LABOR AND PROPRIETOR'S INCOME:						
MANUFACTURE	1.300	1.358	2.020	3.094	3.270	3.282
DURABLES	1.188	1.218	1.778	2.730	2.877	2.837
NONDURABLES	.112	.141	.242	.364	.393	.445
NON MANUFACTURE	1.397	2.119	3.113	4.569	5.075	5.626
MINING	.002	.002	.006	.006	.004	.005
CONT CONSTRUCTION	.193	.289	.231	.336	.356	.369
TRANSPORT + PUB UT	.107	.168	.270	.382	.420	.458
FINANCE, INS,+ RE	.305	.503	.825	1.235	1.429	1.670
RETAIL TRADE	.282	.371	.501	.670	.717	.764
WHOLESALE TRADE	.133	.212	.368	.575	.664	.683
SERVICES	.369	.564	.898	1.343	1.466	1.652
AGRI/FOR/FISH	.006	.010	.013	.021	.020	.024
TOTAL GOVERNMENT	.266	.477	.674	.881	.925	1.008
ST AND LOCAL GOVT.	.215	.386	.546	.710	.740	.805
FED. GOVT. CIVI.	.044	.081	.113	.154	.168	.182
FED. GOVT. MILI.	.006	.010	.015	.018	.018	.021
FARM	.018	.022	.035	.036	.034	.034

THE HARTFORD FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	135.228	100.483	99.199	116.755	112.399	102.062
NONDURABLES	16.088	15.042	17.091	19.547	19.391	19.290
MINING	.234	.134	.280	.244	.162	.162
CONT CONSTRUCTION	17.892	19.805	12.753	14.703	14.651	14.255
TRANSPORT + PUB UT	12.782	13.944	15.328	17.238	17.388	17.231
FINANCE, INS,+ RE	39.523	50.427	55.491	63.644	67.177	70.203
RETAIL TRADE	50.918	58.181	63.016	69.254	69.658	69.898
WHOLESALE TRADE	14.811	17.864	21.601	25.478	27.745	26.089
SERVICES	52.166	64.106	78.298	89.729	91.087	96.032
AGRI/FOR/FISH	.712	1.027	1.244	1.697	1.536	1.650
WAGE AND SALARY DISBURSEMENTS (IN BILLIONS OF DOLLARS)						
DURABLES	1.09740	1.09322	1.54659	2.35587	2.46952	2.43783
NONDURABLES	.10403	.12868	.21341	.31827	.34162	.38687
MINING	.00206	.00163	.00516	.00558	.00390	.00422
CONT CONSTRUCTION	.15644	.24274	.18229	.26563	.28847	.30213
TRANSPORT + PUB UT	.09614	.14516	.22736	.32124	.35259	.37949
FINANCE, INS,+ RE	.24181	.42636	.69551	1.07215	1.26050	1.46949
RETAIL TRADE	.23687	.32325	.43852	.58949	.63095	.67311
WHOLESALE TRADE	.11789	.18605	.31830	.50040	.58132	.59868
SERVICES	.26897	.43830	.70499	1.05781	1.16677	1.33718
AGRI/FOR/FISH	.00430	.00643	.00883	.01611	.01533	.01829
INTERMEDIATE EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	6.425	5.169	4.893	5.555	5.347	4.852
NONDURABLES	2.503	2.558	2.882	3.331	3.365	3.381
MINING	.091	.094	.120	.145	.154	.146
CONT CONSTRUCTION	1.736	2.026	1.962	2.188	2.139	1.998
TRANSPORT + PUB UT	5.096	5.301	5.382	6.117	6.163	6.162
FINANCE, INS,+ RE	6.294	7.930	8.789	10.248	10.728	11.179
RETAIL TRADE	5.008	5.840	6.586	7.733	7.947	8.143
WHOLESALE TRADE	7.148	7.184	7.986	9.285	9.294	9.205
SERVICES	12.297	14.893	18.345	23.498	24.545	25.220
AGRI/FOR/FISH	.232	.286	.367	.519	.548	.579
INDUCED EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	1.936	1.730	1.330	1.542	1.547	1.466
NONDURABLES	1.048	.980	.976	1.043	1.042	1.047
MINING	.002	.002	.002	.003	.003	.003
CONT CONSTRUCTION	11.638	13.036	9.497	10.850	10.713	10.316
TRANSPORT + PUB UT	3.778	3.705	3.589	3.995	4.012	4.073
FINANCE, INS,+ RE	5.086	5.749	6.321	7.409	7.568	7.808
RETAIL TRADE	32.066	33.355	35.305	38.696	38.789	39.550
WHOLESALE TRADE	7.032	7.202	7.733	8.734	8.867	8.918
SERVICES	32.304	34.348	38.662	43.485	44.593	46.504
AGRI/FOR/FISH	.237	.329	.457	.613	.621	.64

THE HARTFORD FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
EXPORT EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	126.867	93.586	92.975	109.659	105.504	95.746
NONDURABLES	12.537	11.503	13.234	15.172	14.985	14.863
MINING	.141	.038	.157	.095	.005	.012
CONT CONSTRUCTION	4.518	4.744	1.293	1.665	1.799	1.941
TRANSPORT + PUB UT	3.910	4.938	6.358	7.124	7.212	6.995
FINANCE, INS,+ RE	28.142	36.749	40.381	45.987	48.879	51.216
RETAIL TRADE	13.845	18.986	21.125	22.825	22.922	22.205
WHOLESALE TRADE	.631	3.479	5.882	7.459	9.584	7.966
SERVICES	7.563	14.864	21.292	22.746	21.947	24.308
AGRI/FOR/FISH	.243	.413	.420	.565	.367	.429
EXOGENOUS EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	.000	.000	.000	.000	.000	.000
NONDURABLES	.000	.000	.000	.000	.000	.000
MINING	.000	.000	.000	.000	.000	.000
CONT CONSTRUCTION	.000	.000	.000	.000	.000	.000
TRANSPORT + PUB UT	.000	.000	.000	.000	.000	.000
FINANCE, INS,+ RE	.000	.000	.000	.000	.000	.000
RETAIL TRADE	.000	.000	.000	.000	.000	.000
WHOLESALE TRADE	.000	.000	.000	.000	.000	.000
SERVICES	.000	.000	.000	.000	.000	.000
AGRI/FOR/FISH	.000	.000	.000	.000	.000	.000
PRODUCTION COSTS RELATIVE TO THE U.S.						
DURABLES	1.02859	1.04419	1.03139	1.02508	1.02248	1.02762
NONDURABLES	1.02885	1.02733	1.02176	1.02122	1.01888	1.03225
MINING	1.07925	1.08696	1.05758	1.04013	1.02778	1.03641
CONT CONSTRUCTION	1.05594	1.06160	1.01721	1.01617	1.01546	1.02239
TRANSPORT + PUB UT	1.01346	1.02900	1.02178	1.03288	1.03161	1.04055
FINANCE, INS,+ RE	.99321	1.01008	1.02504	1.04307	1.05159	1.06491
RETAIL TRADE	1.04387	1.01224	.98216	.98311	.97951	.99233
WHOLESALE TRADE	1.05473	1.04994	1.04497	1.06036	1.05455	1.07518
SERVICES	1.18002	1.15319	1.10213	1.09695	1.09570	1.09477
AGRI/FOR/FISH	1.15927	1.06618	1.00657	1.02704	1.02257	1.04987
FACTOR COSTS RELATIVE TO THE U.S.						
DURABLES	1.05334	1.08723	1.06375	1.04828	1.04418	1.05379
NONDURABLES	1.05685	1.05332	1.04498	1.04081	1.03755	1.06637
MINING	1.09725	1.10610	1.07176	1.04848	1.03323	1.04367
CONT CONSTRUCTION	1.09708	1.11264	1.03034	1.02624	1.02614	1.03838
TRANSPORT + PUB UT	1.01217	1.03241	1.02723	1.04090	1.04006	1.05097
FINANCE, INS,+ RE	.98410	1.01062	1.03800	1.06497	1.07994	1.10045
RETAIL TRADE	1.05466	1.01036	.97283	.97232	.96858	.98454
WHOLESALE TRADE	1.06550	1.05913	1.05675	1.07523	1.06891	1.09462
SERVICES	1.23907	1.20238	1.13593	1.12747	1.12667	1.12358
AGRI/FOR/FISH	1.23212	1.09219	1.00708	1.03563	1.03014	1.06853

THE HARTFORD FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
LABOR COSTS (WAGES) RELATIVE TO THE U.S.						
DURABLES	1.03917	1.07760	1.05376	1.03447	1.02807	1.03561
NONDURABLES	1.01534	.97148	.98544	.98797	.98154	1.02237
MINING	1.13135	1.10912	1.05015	.96450	.90753	.91406
CONT CONSTRUCTION	1.15998	1.17919	1.02355	1.01949	1.01684	1.02708
TRANSPORT + PUB UT	1.03207	.99899	.98157	.96951	.96618	.97656
FINANCE, INS,+ RE	.94849	.98047	1.05097	1.10155	1.12940	1.15808
RETAIL TRADE	1.07916	.99217	.94405	.93856	.93261	.94641
WHOLESALE TRADE	1.08247	1.06318	1.07006	1.10578	1.09022	1.12209
SERVICES	1.22160	1.15295	1.06996	1.06090	1.05610	1.05086
AGRI/FOR/FISH	1.51352	1.11992	.94843	1.01410	1.00025	1.07770
FUEL COSTS RELATIVE TO THE U.S.						
DURABLES	1.47584	1.63553	1.51159	1.49566	1.49566	1.49566
NONDURABLES	1.44108	1.61640	1.49635	1.47829	1.47829	1.47829
MINING	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
CONT CONSTRUCTION	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
TRANSPORT + PUB UT	.93104	1.04548	1.10560	1.20278	1.20278	1.20278
FINANCE, INS,+ RE	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
RETAIL TRADE	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
WHOLESALE TRADE	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
SERVICES	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
AGRI/FOR/FISH	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
CAPITAL COSTS RELATIVE TO THE U.S.						
DURABLES	1.02765	1.03642	1.02151	1.01747	1.02240	1.04139
NONDURABLES	1.02795	1.03725	1.02152	1.01772	1.02195	1.03933
MINING	1.04635	1.06638	1.03490	1.02775	1.03066	1.04835
CONT CONSTRUCTION	1.03305	1.04590	1.02532	1.02003	1.02375	1.04051
TRANSPORT + PUB UT	1.05016	1.07232	1.03763	1.02995	1.03257	1.05040
FINANCE, INS,+ RE	1.03785	1.05437	1.02846	1.02267	1.02473	1.03836
RETAIL TRADE	1.03201	1.04341	1.02483	1.01955	1.02444	1.04398
WHOLESALE TRADE	1.02898	1.03832	1.02279	1.01785	1.02351	1.04434
SERVICES	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
AGRI/FOR/FISH	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
INTERMEDIATE INPUT COSTS RELATIVE TO THE U.S.						
DURABLES	1.00801	1.00841	1.00449	1.00579	1.00444	1.00586
NONDURABLES	1.00546	1.00545	1.00192	1.00409	1.00242	1.00433
MINING	1.01803	1.02185	1.00932	1.01172	1.00923	1.01169
CONT CONSTRUCTION	1.01738	1.01375	1.00491	1.00673	1.00546	1.00740
TRANSPORT + PUB UT	1.01709	1.01941	1.00648	1.01038	1.00790	1.01134
FINANCE, INS,+ RE	1.00513	1.00937	1.00809	1.01444	1.01454	1.01846
RETAIL TRADE	1.01428	1.01741	1.00774	1.01270	1.00946	1.01371
WHOLESALE TRADE	1.02126	1.02136	1.00836	1.01414	1.00995	1.01473
SERVICES	1.03052	1.02866	1.01656	1.01968	1.01728	1.02182
AGRI/FOR/FISH	1.02331	1.01766	1.00562	1.01100	1.00845	1.015[illegible]

THE HARTFORD FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
PRODUCTION COSTS FOR LOCAL MKTS RELATIVE TO THE U.S.						
DURABLES	1.03713	1.04665	1.03061	1.02542	1.02022	1.02556
NONDURABLES	1.01309	1.00162	1.00041	1.00138	.99752	1.00599
MINING	1.07925	1.08696	1.05758	1.04013	1.02778	1.03641
CONT CONSTRUCTION	1.05594	1.06160	1.01721	1.01617	1.01546	1.02239
TRANSPORT + PUB UT	1.00762	1.02372	1.01583	1.02583	1.02485	1.03451
FINANCE, INS,+ RE	.99218	1.01357	1.00964	1.02521	1.02951	1.03942
RETAIL TRADE	1.04368	1.01190	.98158	.98263	.97896	.99189
WHOLESALE TRADE	1.05473	1.04994	1.04497	1.06036	1.05455	1.07518
SERVICES	1.18748	1.16364	1.11267	1.10661	1.10665	1.10612
AGRI/FOR/FISH	1.15927	1.06618	1.00657	1.02704	1.02257	1.04987
PRODUCTION COSTS FOR EXPORT MKTS RELATIVE TO THE U.S.						
DURABLES	1.02803	1.04403	1.03144	1.02506	1.02263	1.02775
NONDURABLES	1.03339	1.03471	1.02788	1.02692	1.02500	1.03980
MINING	1.07925	1.08696	1.05758	1.04013	1.02778	1.03641
CONT CONSTRUCTION	1.05594	1.06160	1.01721	1.01617	1.01546	1.02239
TRANSPORT + PUB UT	1.02624	1.04054	1.03478	1.04828	1.04638	1.05376
FINANCE, INS,+ RE	.99364	1.00864	1.03137	1.05041	1.06067	1.07539
RETAIL TRADE	1.04438	1.01315	.98371	.98438	.98097	.99352
WHOLESALE TRADE	1.05473	1.04994	1.04497	1.06036	1.05455	1.07518
SERVICES	1.13642	1.09208	1.04051	1.04048	1.03169	1.02840
AGRI/FOR/FISH	1.15927	1.06618	1.00657	1.02704	1.02257	1.04987
LABOR INTENSITY						
DURABLES	1.01827	1.01964	1.01944	1.01870	1.01898	1.01938
NONDURABLES	1.03493	1.04046	1.04312	1.04338	1.04350	1.04181
MINING	.96753	.96421	.97799	.99341	1.00244	1.01122
CONT CONSTRUCTION	.94435	.94748	.95828	.96560	.96830	.97100
TRANSPORT + PUB UT	.98412	.98855	1.00306	1.01398	1.01755	1.02057
FINANCE, INS,+ RE	1.02235	1.02407	1.01855	1.01412	1.01202	1.00973
RETAIL TRADE	.99240	1.00011	1.01285	1.01860	1.02089	1.02305
WHOLESALE TRADE	.98358	.98614	.98766	.98629	.98591	.98528
SERVICES	.98428	.99032	.99982	1.00533	1.00724	1.00929
AGRI/FOR/FISH	.81291	.84421	.89748	.91888	.92579	.92993
EXPORT SHARE MULTIPLICATIVE ADJUSTMENTS						
DURABLES	1.000	.946	.959	.944	.909	.900
NONDURABLES	1.000	.918	1.050	1.192	1.185	1.224
MINING	1.000	.284	.928	.417	.018	.044
CONT CONSTRUCTION	1.000	.924	.243	.279	.311	.361
TRANSPORT + PUB UT	1.000	1.115	1.309	1.299	1.308	1.270
FINANCE, INS,+ RE	1.000	1.173	1.128	1.142	1.194	1.242
RETAIL TRADE	1.000	1.161	1.098	1.088	1.090	1.046
WHOLESALE TRADE	1.000	4.928	6.899	7.856	9.879	8.337
SERVICES	1.000	1.590	1.900	1.758	1.623	1.784
AGRI/FOR/FISH	1.000	1.285	.946	.958	.588	.658

THE HARTFORD FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
EXPORT SHARE OF U.S. AS A PERCENT						
DURABLES	1.422	1.095	1.025	1.150	1.112	1.103
NONDURABLES	.223	.203	.231	.265	.263	.273
MINING	.044	.012	.036	.017	.001	.002
CONT CONSTRUCTION	1.488	1.375	.362	.415	.463	.538
TRANSPORT + PUB UT	.223	.266	.326	.332	.334	.330
FINANCE, INS,+ RE	3.168	3.473	3.320	3.297	3.421	3.547
RETAIL TRADE	.869	1.001	.918	.894	.884	.852
WHOLESALE TRADE	.077	.381	.533	.607	.763	.644
SERVICES	.252	.424	.519	.489	.455	.495
AGRI/FOR/FISH	.278	.366	.265	.275	.169	.192
EXPORT EMPLOYMENT AS % OF EMPLOYMENT						
DURABLES	93.817	93.136	93.726	93.922	93.866	93.811
NONDURABLES	77.929	76.475	77.434	77.620	77.276	77.049
MINING	60.071	28.527	56.195	39.139	3.095	7.488
CONT CONSTRUCTION	25.251	23.951	10.141	11.322	12.277	13.618
TRANSPORT + PUB UT	30.587	35.414	41.478	41.329	41.475	40.598
FINANCE, INS,+ RE	71.205	72.876	72.771	72.256	72.762	72.954
RETAIL TRADE	27.190	32.632	33.523	32.959	32.907	31.767
WHOLESALE TRADE	4.260	19.473	27.231	29.277	34.544	30.532
SERVICES	14.498	23.186	27.193	25.350	24.095	25.312
AGRI/FOR/FISH	34.196	40.188	33.792	33.271	23.912	25.973
EMPLOYMENT AS PERCENT OF U.S.						
DURABLES	1.177	.914	.853	.955	.926	.919
NONDURABLES	.201	.187	.211	.240	.240	.248
MINING	.038	.022	.034	.024	.014	.014
CONT CONSTRUCTION	.535	.523	.329	.340	.351	.369
TRANSPORT + PUB UT	.299	.309	.326	.336	.336	.339
FINANCE, INS,+ RE	1.204	1.271	1.213	1.206	1.238	1.277
RETAIL TRADE	.492	.481	.454	.460	.458	.460
WHOLESALE TRADE	.421	.455	.456	.482	.514	.490
SERVICES	.418	.440	.456	.463	.455	.470
AGRI/FOR/FISH	.269	.313	.287	.309	.267	.279
DEMAND (IN BILLIONS OF DOLLARS)						
DURABLES	2.17214	2.51644	3.46085	4.92554	5.24783	5.06504
NONDURABLES	1.24803	1.58315	2.39002	3.29030	3.54818	3.77797
MINING	.06084	.08949	.18461	.29364	.34277	.35111
CONT CONSTRUCTION	.51400	.80670	.82526	1.18442	1.27447	1.30758
TRANSPORT + PUB UT	.56869	.85359	1.30055	1.86594	2.07251	2.29095
FINANCE, INS,+ RE	.86549	1.48030	2.12361	3.17630	3.53532	3.92462
RETAIL TRADE	.53484	.73522	1.08657	1.49490	1.61297	1.73867
WHOLESALE TRADE	.32377	.44583	.69266	1.02382	1.11783	1.19480
SERVICES	.64915	1.01490	1.67902	2.61704	2.96476	3.33478
AGRI/FOR/FISH	.01082	.01936	.03294	.05506	.06033	.0649

THE HARTFORD FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
SELF SUPPLY: LOCAL PRODUCTION FOR LOCAL USE						
DURABLES	.21797	.24664	.33472	.50174	.53284	.51965
NONDURABLES	.11670	.15606	.24067	.34708	.37999	.41124
MINING	.00406	.00597	.01232	.01960	.02288	.02344
CONT CONSTRUCTION	.47128	.73966	.75667	1.08598	1.16854	1.19891
TRANSPORT + PUB UT	.29425	.44216	.67212	.95624	1.06610	1.18904
FINANCE, INS,+ RE	.39238	.67065	.96540	1.44604	1.61049	1.79049
RETAIL TRADE	.38952	.53597	.78391	1.07373	1.15725	1.24641
WHOLESALE TRADE	.26327	.36252	.56322	.83250	.90894	.97152
SERVICES	.51807	.82578	1.39694	2.19208	2.48975	2.80796
AGRI/FOR/FISH	.00833	.01490	.02535	.04237	.04643	.04995
IMPORTS: IMPLICIT PURCHASE OUTSIDE OF AREA FOR LOCAL USE						
DURABLES	1.95416	2.26980	3.12613	4.42379	4.71499	4.54539
NONDURABLES	1.13133	1.42710	2.14935	2.94322	3.16819	3.36672
MINING	.05678	.08352	.17229	.27404	.31989	.32767
CONT CONSTRUCTION	.04272	.06705	.06859	.09844	.10592	.10868
TRANSPORT + PUB UT	.27444	.41143	.62843	.90970	1.00641	1.10191
FINANCE, INS,+ RE	.47311	.80965	1.15821	1.73025	1.92484	2.13412
RETAIL TRADE	.14531	.19926	.30266	.42117	.45573	.49226
WHOLESALE TRADE	.06050	.08331	.12944	.19132	.20889	.22327
SERVICES	.13108	.18911	.28209	.42496	.47501	.52682
AGRI/FOR/FISH	.00249	.00446	.00759	.01269	.01390	.01495
OUTPUT (SUPPLY-BILLIONS OF DOLLARS)						
DURABLES	3.49882	3.51683	5.21336	8.10263	8.53330	8.32143
NONDURABLES	.59096	.76480	1.31067	1.94097	2.08640	2.23838
MINING	.01017	.00836	.02813	.03221	.02361	.02533
CONT CONSTRUCTION	.63048	.97261	.84206	1.22463	1.33209	1.38792
TRANSPORT + PUB UT	.43359	.69863	1.13089	1.56575	1.73642	1.91121
FINANCE, INS,+ RE	.98297	1.84342	2.70192	3.94490	4.57480	5.14541
RETAIL TRADE	.53757	.79809	1.18282	1.60481	1.72471	1.82967
WHOLESALE TRADE	.27499	.45018	.77399	1.17714	1.38864	1.39852
SERVICES	.59910	1.05426	1.88253	2.87818	3.20751	3.68335
AGRI/FOR/FISH	.01266	.02491	.03829	.06350	.06103	.06747
SUPPLY/DEMAND RATIO						
DURABLES	1.61077	1.39754	1.50638	1.64502	1.62606	1.64292
NONDURABLES	.47351	.48309	.54839	.58991	.58802	.59248
MINING	.16718	.09340	.15239	.10968	.06889	.07216
CONT CONSTRUCTION	1.22662	1.20565	1.02036	1.03395	1.04521	1.06144
TRANSPORT + PUB UT	.76245	.81845	.86955	.83912	.83783	.83425
FINANCE, INS,+ RE	1.13573	1.24530	1.27232	1.24198	1.29403	1.31106
RETAIL TRADE	1.00512	1.08551	1.08858	1.07352	1.06927	1.05234
WHOLESALE TRADE	.84931	1.00976	1.11741	1.14974	1.24226	1.17051
SERVICES	.92289	1.03879	1.12120	1.09979	1.08188	1.10452
AGRI/FOR/FISH	1.16952	1.28669	1.16239	1.15332	1.01146	1.03962

THE HARTFORD FS-53 HISTORICAL DATA SET.

	1967	1972	1977	1980	1981	1982
PERCENT SHIPPED WITHIN AREA: SS/SUPPLY						
DURABLES	.06230	.07013	.06420	.06192	.06244	.06245
NONDURABLES	.19748	.20405	.18362	.17882	.18213	.18372
MINING	.39929	.71473	.43805	.60861	.96905	.92512
CONT CONSTRUCTION	.74749	.76049	.89859	.88678	.87723	.86382
TRANSPORT + PUB UT	.67862	.63290	.59433	.61072	.61397	.62214
FINANCE, INS,+ RE	.39918	.36381	.35730	.36656	.35203	.34798
RETAIL TRADE	.72460	.67156	.66274	.66907	.67098	.68122
WHOLESALE TRADE	.95740	.80527	.72769	.70723	.65456	.69468
SERVICES	.86476	.78328	.74205	.76162	.77623	.76234
AGRI/FOR/FISH	.65804	.59812	.66208	.66729	.76088	.74027
REGIONAL PURCHASE COEFFICIENT: SS/DEMAND						
DURABLES	.10035	.09801	.09672	.10187	.10154	.10260
NONDURABLES	.09351	.09857	.10070	.10549	.10709	.10885
MINING	.06675	.06675	.06675	.06675	.06675	.06675
CONT CONSTRUCTION	.91689	.91689	.91689	.91689	.91689	.91689
TRANSPORT + PUB UT	.51741	.51800	.51680	.51247	.51440	.51902
FINANCE, INS,+ RE	.45336	.45305	.45460	.45526	.45554	.45622
RETAIL TRADE	.72831	.72899	.72145	.71826	.71746	.71688
WHOLESALE TRADE	.81313	.81313	.81313	.81313	.81313	.81313
SERVICES	.79808	.81366	.83199	.83762	.83978	.84202
AGRI/FOR/FISH	.76960	.76960	.76960	.76960	.76960	.76960
WAGE RATE (THOUSANDS OF DOLLARS)						
DURABLES	8.115	10.880	15.591	20.178	21.971	23.886
NONDURABLES	6.466	8.555	12.487	16.282	17.617	20.055
MINING	8.803	12.194	18.446	22.881	24.080	26.025
CONT CONSTRUCTION	8.744	12.257	14.294	18.067	19.689	21.195
TRANSPORT + PUB UT	7.522	10.410	14.833	18.635	20.278	22.024
FINANCE, INS,+ RE	6.118	8.455	12.534	16.846	18.764	20.932
RETAIL TRADE	4.652	5.556	6.959	8.512	9.058	9.630
WHOLESALE TRADE	7.959	10.415	14.735	19.640	20.952	22.948
SERVICES	5.156	6.837	9.004	11.789	12.809	13.924
AGRI/FOR/FISH	6.039	6.265	7.100	9.491	9.980	11.083
INDUSTRIAL MIX INDEX						
DURABLES	1.25901	1.02937	1.00000	1.10898	1.11233	1.11538
NONDURABLES	1.00039	.98792	1.00000	1.02919	1.03527	1.04874
MINING	1.12330	1.06034	1.00000	1.05724	1.12047	1.15064
CONT CONSTRUCTION	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TRANSPORT + PUB UT	.94967	.98205	1.00000	1.01267	1.01635	1.02675
FINANCE, INS,+ RE	1.06307	1.00043	1.00000	.98610	.97932	.97829
RETAIL TRADE	.99490	.99591	1.00000	1.00162	1.00199	1.00238
WHOLESALE TRADE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
SERVICES	.94457	.97336	1.00000	1.01914	1.02243	1.02355
AGRI/FOR/FISH	.99093	1.01706	1.00000	1.02418	1.02811	1.0387

THE HARTFORD FS-53 HISTORICAL DATA SET.

PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.651	.581	.540	.707	.713	.653
FURNITURE(25)	.866	.838	.853	.733	.670	.662
STONE,CLAY,ETC.(32)	1.395	1.455	1.233	1.203	1.170	1.014
PRIMARY METALS(33)	4.514	3.556	2.896	3.206	2.956	2.649
FABRICATED METAL(34)	26.581	23.581	21.716	24.106	23.512	20.951
NON-ELEC MACHINE(35)	37.289	27.242	28.510	32.271	29.402	25.510
ELECT. EQUIPMENT(36)	10.847	8.659	8.380	10.610	10.555	9.958
MOTOR VEH.(371)	.029	.019	.019	.016	.028	.024
REST TRANS. EQUIP.	48.405	30.625	30.856	38.828	38.011	35.608
INSTRUMENTS(38)	3.382	2.835	3.276	4.130	4.520	4.257
MISC. MANUF.(39)	1.269	1.093	.919	.946	.861	.777
FOOD(20)	3.503	2.921	3.259	3.751	3.598	3.727
TOBACCO MANUF(21)	.087	.135	.160	.191	.199	.207
TEXTILES(22)	.594	.518	.487	.418	.400	.362
APPAREL(23)	2.922	2.393	2.331	2.439	2.316	2.127
PAPER(26)	1.612	1.466	1.654	2.111	2.211	2.155
PRINTING(27)	4.004	4.050	5.180	6.325	6.412	6.413
CHEMICALS(28)	1.262	1.447	1.670	2.198	2.307	2.431
PETRO PROD(29)	.399	.462	.473	.417	.368	.290
RUBBER(30)	1.682	1.633	1.863	1.685	1.570	1.571
LEATHER(31)	.023	.016	.015	.011	.010	.008
MINING	.234	.134	.280	.244	.162	.162
CONSTRUCTION	17.892	19.805	12.753	14.703	14.651	14.255
RAILROAD(40)	1.348	.885	.919	.948	.907	.776
TRUCKING(42)	3.973	4.343	4.322	4.469	4.517	4.356
LOCAL/INTERURBAN(41)	1.017	1.156	1.307	1.537	1.576	1.453
AIR TRANSP.(45)	.512	.701	1.385	1.910	1.772	1.740
OTHER TRANSP.	.286	.452	.767	1.017	1.093	1.128
COMMUNICATION(48)	2.732	3.146	3.188	3.738	3.842	3.964
PUBLIC UTILITIES(49)	2.915	3.261	3.441	3.618	3.680	3.814
BANKING(60)	5.095	6.435	7.854	9.068	9.613	9.727
INSURANCE(63+64)	31.454	39.542	42.907	49.005	51.516	54.267
CREDIT&FINANCE(61+62	1.402	1.892	2.266	2.803	3.046	3.217
REAL ESTATE(65,69)	1.572	2.559	2.464	2.768	3.001	2.992
EATING & DRINKING(58	11.315	13.795	18.964	22.150	21.991	22.850
REST OF RETAL(R52)	39.603	44.386	44.052	47.104	47.667	47.048
WHOLESALE	14.811	17.864	21.601	25.478	27.745	26.089
HOTELS(70)	2.683	3.005	2.975	3.018	2.956	3.354
PER. SERV. & REPR.	5.243	5.143	5.580	6.218	6.022	6.508
PRIVATE HOUSEHOLD	7.376	6.379	5.806	4.804	4.765	4.976
AUTO REP/SERV(75)	1.641	2.012	2.430	2.663	2.625	2.873
MISC. BUSI. SERV.(73	6.974	9.324	13.785	18.561	19.505	20.114
AMUSE.&RECREATION(79	1.503	1.746	2.527	3.087	3.203	3.271
MOTION PICTURES(78)	.404	.460	.447	.428	.392	.416
MEDICAL(80)	11.537	18.093	24.129	27.681	28.403	30.241
MISC. PROF. SERV.(81	2.992	4.016	4.974	6.412	6.516	6.985
EDUCTAION(82)	5.298	6.244	7.390	7.910	7.939	8.156
NON-PROFIT ORG.(83)	6.513	7.683	8.256	8.947	8.759	9.138
AGRI/FOR/FISH SERV.	.712	1.027	1.244	1.697	1.536	1.650

THE HARTFORD FS-53 HISTORICAL DATA SET.

WAGE AND SALARY DISBURSEMENTS (IN BILLIONS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.00430	.00493	.00570	.00948	.01027	.01013
FURNITURE(25)	.00516	.00680	.00944	.01075	.01099	.01131
STONE,CLAY,ETC.(32)	.01026	.01500	.01715	.02169	.02313	.02137
PRIMARY METALS(33)	.03602	.03824	.04547	.06360	.06794	.06151
FABRICATED METAL(34)	.19412	.23876	.30640	.43697	.46468	.44498
NON-ELEC MACHINE(35)	.30778	.29398	.45050	.65631	.62698	.58368
ELECT. EQUIPMENT(36)	.07355	.08016	.11144	.18159	.20262	.21123
MOTOR VEH.(371)	.00022	.00017	.00029	.00033	.00061	.00054
REST TRANS. EQUIP.	.43227	.37735	.54374	.88571	.95017	.97915
INSTRUMENTS(38)	.02530	.02828	.04496	.07438	.09663	.09900
MISC. MANUF.(39)	.00841	.00955	.01151	.01508	.01549	.01492
FOOD(20)	.02272	.02437	.03916	.05795	.05915	.07426
TOBACCO MANUF(21)	.00057	.00138	.00287	.00474	.00525	.00684
TEXTILES(22)	.00334	.00370	.00496	.00519	.00523	.00512
APPAREL(23)	.01279	.01332	.01771	.02301	.02403	.02420
PAPER(26)	.01140	.01368	.02536	.04595	.05041	.05491
PRINTING(27)	.02790	.03498	.06118	.09348	.10093	.11012
CHEMICALS(28)	.01028	.01582	.02760	.04787	.05723	.07015
PETRO PROD(29)	.00341	.00744	.01157	.01350	.01263	.01193
RUBBER(30)	.01150	.01390	.02289	.02646	.02666	.02924
LEATHER(31)	.00011	.00010	.00011	.00010	.00009	.00008
MINING	.00206	.00163	.00516	.00558	.00390	.00422
CONSTRUCTION	.15644	.24274	.18229	.26563	.28847	.30213
RAILROAD(40)	.01105	.01062	.01676	.02287	.02334	.02134
TRUCKING(42)	.03062	.04631	.06390	.08348	.09153	.09140
LOCAL/INTERURBAN(41)	.00431	.00601	.00916	.01320	.01468	.01536
AIR TRANSP.(45)	.00369	.00718	.01905	.03117	.03299	.03516
OTHER TRANSP.	.00169	.00423	.00944	.01657	.01936	.02121
COMMUNICATION(48)	.01987	.03216	.05220	.07556	.08449	.09565
PUBLIC UTILITIES(49)	.02490	.03865	.05683	.07838	.08619	.09936
BANKING(60)	.02757	.04859	.07550	.11248	.12975	.14624
INSURANCE(63+64)	.19502	.34030	.56387	.86416	1.01520	1.19051
CREDIT&FINANCE(61+62	.01016	.01997	.03413	.06194	.07599	.08865
REAL ESTATE(65,69)	.00907	.01750	.02201	.03357	.03955	.04409
EATING & DRINKING(58	.04135	.05465	.09538	.13457	.14418	.15883
REST OF RETAL(R52)	.19552	.26860	.34315	.45492	.48677	.51428
WHOLESALE	.11789	.18605	.31830	.50040	.58132	.59868
HOTELS(70)	.01157	.01526	.01924	.02677	.02746	.03224
PER. SERV. & REPR.	.03087	.03265	.04297	.06086	.06440	.07102
PRIVATE HOUSEHOLD	.02163	.02338	.02985	.03284	.03487	.03820
AUTO REP/SERV(75)	.01003	.01537	.02302	.03178	.03377	.03937
MISC. BUSI. SERV.(73	.03751	.06579	.12904	.24235	.26849	.30819
AMUSE.&RECREATION(79	.00760	.00994	.01874	.02733	.03133	.03374
MOTION PICTURES(78)	.00121	.00181	.00227	.00326	.00319	.00379
MEDICAL(80)	.06585	.13807	.24905	.35563	.40033	.46816
MISC. PROF. SERV.(81	.02767	.04165	.07072	.12168	.13688	.15700
EDUCTAION(82)	.02745	.05127	.06590	.08397	.09098	.10070
NON-PROFIT ORG.(83)	.02757	.04312	.05420	.07135	.07508	.08477
AGRI/FOR/FISH SERV.	.00430	.00643	.00883	.01611	.01533	.0182

THE HARTFORD FS-53 HISTORICAL DATA SET.

INTERMEDIATE EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.368	.355	.318	.331	.325	.298
FURNITURE(25)	.000	.000	.000	.000	.000	.000
STONE,CLAY,ETC.(32)	1.257	1.225	.938	.974	.942	.867
PRIMARY METALS(33)	.356	.283	.244	.254	.241	.198
FABRICATED METAL(34)	.684	.589	.542	.581	.563	.508
NON-ELEC MACHINE(35)	2.206	1.713	1.838	2.144	2.034	1.814
ELECT. EQUIPMENT(36)	.075	.058	.056	.067	.065	.061
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	1.469	.934	.944	1.188	1.163	1.090
INSTRUMENTS(38)	.009	.009	.011	.013	.014	.013
MISC. MANUF.(39)	.002	.002	.002	.002	.002	.001
FOOD(20)	.031	.028	.029	.030	.029	.029
TOBACCO MANUF(21)	.005	.007	.008	.009	.009	.010
TEXTILES(22)	.021	.019	.017	.016	.015	.014
APPAREL(23)	.012	.011	.010	.011	.010	.009
PAPER(26)	.061	.058	.061	.067	.067	.065
PRINTING(27)	2.014	2.062	2.365	2.778	2.818	2.855
CHEMICALS(28)	.099	.094	.096	.106	.105	.105
PETRO PROD(29)	.009	.009	.009	.009	.009	.008
RUBBER(30)	.251	.270	.287	.304	.302	.285
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.091	.094	.120	.145	.154	.146
CONSTRUCTION	1.736	2.026	1.962	2.188	2.139	1.998
RAILROAD(40)	.574	.431	.363	.377	.352	.311
TRUCKING(42)	1.584	1.662	1.654	1.814	1.796	1.733
LOCAL/INTERURBAN(41)	.310	.276	.261	.288	.285	.283
AIR TRANSP.(45)	.255	.269	.299	.380	.374	.367
OTHER TRANSP.	.174	.170	.204	.253	.260	.257
COMMUNICATION(48)	1.104	1.318	1.373	1.630	1.690	1.750
PUBLIC UTILITIES(49)	1.095	1.175	1.229	1.375	1.408	1.462
BANKING(60)	1.769	2.267	2.621	3.120	3.257	3.358
INSURANCE(63+64)	3.674	4.569	4.948	5.649	5.925	6.224
CREDIT&FINANCE(61+62	.545	.673	.768	.949	1.011	1.058
REAL ESTATE(65,69)	.306	.421	.452	.531	.536	.540
EATING & DRINKING(58	2.648	3.168	4.456	5.426	5.584	5.722
REST OF RETAL(R52)	2.360	2.672	2.131	2.307	2.363	2.421
WHOLESALE	7.148	7.184	7.986	9.285	9.294	9.205
HOTELS(70)	.095	.107	.118	.141	.145	.148
PER. SERV. & REPR.	1.245	1.120	1.147	1.283	1.294	1.331
PRIVATE HOUSEHOLD	.000	.000	.000	.000	.000	.000
AUTO REP/SERV(75)	.525	.641	.764	.914	.938	.968
MISC. BUSI. SERV.(73	6.104	7.594	10.110	13.544	14.250	14.555
AMUSE.&RECREATION(79	.271	.323	.426	.503	.511	.532
MOTION PICTURES(78)	.098	.104	.106	.109	.105	.105
MEDICAL(80)	.300	.488	.645	.753	.794	.855
MISC. PROF. SERV.(81	2.122	2.768	3.100	4.097	4.338	4.520
EDUCTAION(82)	.109	.128	.139	.168	.170	.171
NON-PROFIT ORG.(83)	1.427	1.620	1.791	1.986	2.000	2.035
AGRI/FOR/FISH SERV.	.232	.286	.367	.519	.548	.579

THE HARTFORD FS-53 HISTORICAL DATA SET.

INDUCED EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.045	.046	.038	.038	.037	.035
FURNITURE(25)	.003	.003	.002	.002	.002	.002
STONE,CLAY,ETC.(32)	.095	.089	.087	.087	.083	.076
PRIMARY METALS(33)	.001	.001	.000	.000	.000	.000
FABRICATED METAL(34)	.056	.052	.044	.046	.045	.041
NON-ELEC MACHINE(35)	1.196	1.123	.849	.999	1.030	.979
ELECT. EQUIPMENT(36)	.040	.035	.029	.033	.032	.032
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.484	.364	.266	.320	.299	.283
INSTRUMENTS(38)	.012	.012	.012	.013	.014	.014
MISC. MANUF.(39)	.005	.004	.004	.004	.004	.004
FOOD(20)	.087	.076	.072	.074	.072	.071
TOBACCO MANUF(21)	.062	.048	.040	.039	.040	.040
TEXTILES(22)	.010	.010	.008	.008	.007	.007
APPAREL(23)	.070	.061	.055	.054	.052	.050
PAPER(26)	.014	.013	.012	.012	.012	.012
PRINTING(27)	.684	.646	.657	.721	.724	.738
CHEMICALS(28)	.060	.058	.060	.062	.061	.060
PETRO PROD(29)	.007	.007	.006	.006	.006	.006
RUBBER(30)	.054	.060	.065	.067	.067	.064
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.002	.002	.002	.003	.003	.003
CONSTRUCTION	11.638	13.036	9.497	10.850	10.713	10.316
RAILROAD(40)	.326	.249	.207	.205	.192	.170
TRUCKING(42)	.708	.729	.729	.781	.762	.744
LOCAL/INTERURBAN(41)	.676	.589	.534	.562	.556	.560
AIR TRANSP.(45)	.241	.252	.267	.324	.322	.322
OTHER TRANSP.	.103	.087	.089	.106	.107	.106
COMMUNICATION(48)	.919	.992	.934	1.077	1.101	1.152
PUBLIC UTILITIES(49)	.804	.807	.829	.941	.972	1.019
BANKING(60)	2.232	2.603	2.989	3.502	3.590	3.712
INSURANCE(63+64)	1.046	1.030	1.100	1.247	1.253	1.286
CREDIT&FINANCE(61+62	.821	.890	.955	1.161	1.221	1.282
REAL ESTATE(65,69)	.987	1.227	1.277	1.499	1.504	1.528
EATING & DRINKING(58	5.151	5.668	7.584	9.015	9.185	9.540
REST OF RETAL(R52)	26.915	27.687	27.721	29.681	29.604	30.010
WHOLESALE	7.032	7.202	7.733	8.734	8.867	8.918
HOTELS(70)	.137	.147	.151	.174	.178	.185
PER. SERV. & REPR.	3.306	2.722	2.662	2.935	2.976	3.070
PRIVATE HOUSEHOLD	7.147	5.602	4.637	3.868	3.854	4.000
AUTO REP/SERV(75)	.911	.992	1.163	1.365	1.370	1.438
MISC. BUSI. SERV.(73	.536	.689	.913	1.173	1.192	1.208
AMUSE.&RECREATION(79	1.162	1.252	1.517	1.764	1.785	1.881
MOTION PICTURES(78)	.279	.254	.250	.267	.264	.260
MEDICAL(80)	9.476	12.871	16.678	19.733	20.718	22.028
MISC. PROF. SERV.(81	.543	.693	.829	1.051	1.102	1.144
EDUCTAION(82)	3.863	4.159	4.525	5.353	5.404	5.425
NON-PROFIT ORG.(83)	4.943	4.970	5.338	5.803	5.748	5.865
AGRI/FOR/FISH SERV.	.237	.329	.457	.613	.621	.64[illegible]

THE HARTFORD FS-53 HISTORICAL DATA SET.

EXPORT EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.238	.180	.185	.338	.351	.321
FURNITURE(25)	.863	.835	.851	.731	.668	.660
STONE,CLAY,ETC.(32)	.043	.141	.209	.142	.145	.071
PRIMARY METALS(33)	4.158	3.273	2.651	2.952	2.715	2.450
FABRICATED METAL(34)	25.841	22.940	21.130	23.479	22.904	20.401
NON-ELEC MACHINE(35)	33.887	24.405	25.823	29.128	26.338	22.717
ELECT. EQUIPMENT(36)	10.732	8.565	8.295	10.511	10.458	9.865
MOTOR VEH.(371)	.029	.019	.019	.016	.028	.024
REST TRANS. EQUIP.	46.452	29.326	29.647	37.320	36.549	34.236
INSTRUMENTS(38)	3.361	2.815	3.253	4.103	4.492	4.230
MISC. MANUF.(39)	1.263	1.087	.913	.941	.856	.772
FOOD(20)	3.385	2.816	3.158	3.647	3.498	3.627
TOBACCO MANUF(21)	.020	.080	.112	.143	.150	.158
TEXTILES(22)	.562	.489	.462	.394	.377	.341
APPAREL(23)	2.840	2.321	2.265	2.375	2.253	2.068
PAPER(26)	1.537	1.395	1.581	2.032	2.132	2.078
PRINTING(27)	1.306	1.342	2.158	2.826	2.870	2.810
CHEMICALS(28)	1.103	1.295	1.514	2.029	2.141	2.266
PETRO PROD(29)	.383	.446	.458	.402	.353	.276
RUBBER(30)	1.377	1.303	1.511	1.313	1.201	1.222
LEATHER(31)	.023	.016	.015	.011	.010	.008
MINING	.141	.038	.157	.095	.005	.012
CONSTRUCTION	4.518	4.744	1.293	1.665	1.799	1.941
RAILROAD(40)	.448	.205	.349	.366	.363	.295
TRUCKING(42)	1.681	1.952	1.939	1.875	1.959	1.879
LOCAL/INTERURBAN(41)	.031	.292	.512	.687	.735	.610
AIR TRANSP.(45)	.016	.180	.819	1.205	1.076	1.052
OTHER TRANSP.	.009	.195	.474	.657	.726	.765
COMMUNICATION(48)	.709	.836	.881	1.031	1.051	1.062
PUBLIC UTILITIES(49)	1.015	1.279	1.383	1.302	1.300	1.333
BANKING(60)	1.094	1.565	2.244	2.446	2.766	2.658
INSURANCE(63+64)	26.734	33.944	36.858	42.109	44.338	46.757
CREDIT&FINANCE(61+62	.036	.329	.543	.692	.814	.877
REAL ESTATE(65,69)	.279	.911	.735	.739	.961	.924
EATING & DRINKING(58	3.516	4.959	6.924	7.709	7.222	7.588
REST OF RETAL(R52)	10.328	14.027	14.201	15.116	15.700	14.617
WHOLESALE	.631	3.479	5.882	7.459	9.584	7.966
HOTELS(70)	2.451	2.752	2.706	2.703	2.632	3.021
PER. SERV. & REPR.	.692	1.301	1.771	2.001	1.752	2.107
PRIVATE HOUSEHOLD	.229	.777	1.169	.936	.911	.976
AUTO REP/SERV(75)	.204	.379	.504	.384	.317	.467
MISC. BUSI. SERV.(73	.334	1.041	2.762	3.844	4.063	4.351
AMUSE.&RECREATION(79	.070	.171	.584	.820	.907	.858
MOTION PICTURES(78)	.027	.102	.092	.052	.023	.051
MEDICAL(80)	1.761	4.735	6.806	7.195	6.891	7.358
MISC. PROF. SERV.(81	.327	.555	1.045	1.264	1.075	1.320
EDUCTAION(82)	1.326	1.957	2.726	2.389	2.364	2.560
NON-PROFIT ORG.(83)	.143	1.093	1.127	1.159	1.011	1.238
AGRI/FOR/FISH SERV.	.243	.413	.420	.565	.367	.429

THE HARTFORD FS-53 HISTORICAL DATA SET.

EXOGENOUS EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.000	.000	.000	.000	.000	.000
FURNITURE(25)	.000	.000	.000	.000	.000	.000
STONE,CLAY,ETC.(32)	.000	.000	.000	.000	.000	.000
PRIMARY METALS(33)	.000	.000	.000	.000	.000	.000
FABRICATED METAL(34)	.000	.000	.000	.000	.000	.000
NON-ELEC MACHINE(35)	.000	.000	.000	.000	.000	.000
ELECT. EQUIPMENT(36)	.000	.000	.000	.000	.000	.000
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.000	.000	.000	.000	.000	.000
INSTRUMENTS(38)	.000	.000	.000	.000	.000	.000
MISC. MANUF.(39)	.000	.000	.000	.000	.000	.000
FOOD(20)	.000	.000	.000	.000	.000	.000
TOBACCO MANUF(21)	.000	.000	.000	.000	.000	.000
TEXTILES(22)	.000	.000	.000	.000	.000	.000
APPAREL(23)	.000	.000	.000	.000	.000	.000
PAPER(26)	.000	.000	.000	.000	.000	.000
PRINTING(27)	.000	.000	.000	.000	.000	.000
CHEMICALS(28)	.000	.000	.000	.000	.000	.000
PETRO PROD(29)	.000	.000	.000	.000	.000	.000
RUBBER(30)	.000	.000	.000	.000	.000	.000
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.000	.000	.000	.000	.000	.000
CONSTRUCTION	.000	.000	.000	.000	.000	.000
RAILROAD(40)	.000	.000	.000	.000	.000	.000
TRUCKING(42)	.000	.000	.000	.000	.000	.000
LOCAL/INTERURBAN(41)	.000	.000	.000	.000	.000	.000
AIR TRANSP.(45)	.000	.000	.000	.000	.000	.000
OTHER TRANSP.	.000	.000	.000	.000	.000	.000
COMMUNICATION(48)	.000	.000	.000	.000	.000	.000
PUBLIC UTILITIES(49)	.000	.000	.000	.000	.000	.000
BANKING(60)	.000	.000	.000	.000	.000	.000
INSURANCE(63+64)	.000	.000	.000	.000	.000	.000
CREDIT&FINANCE(61+62	.000	.000	.000	.000	.000	.000
REAL ESTATE(65,69)	.000	.000	.000	.000	.000	.000
EATING & DRINKING(58	.000	.000	.000	.000	.000	.000
REST OF RETAL(R52)	.000	.000	.000	.000	.000	.000
WHOLESALE	.000	.000	.000	.000	.000	.000
HOTELS(70)	.000	.000	.000	.000	.000	.000
PER. SERV. & REPR.	.000	.000	.000	.000	.000	.000
PRIVATE HOUSEHOLD	.000	.000	.000	.000	.000	.000
AUTO REP/SERV(75)	.000	.000	.000	.000	.000	.000
MISC. BUSI. SERV.(73	.000	.000	.000	.000	.000	.000
AMUSE.&RECREATION(79	.000	.000	.000	.000	.000	.000
MOTION PICTURES(78)	.000	.000	.000	.000	.000	.000
MEDICAL(80)	.000	.000	.000	.000	.000	.000
MISC. PROF. SERV.(81	.000	.000	.000	.000	.000	.000
EDUCTAION(82)	.000	.000	.000	.000	.000	.000
NON-PROFIT ORG.(83)	.000	.000	.000	.000	.000	.000
AGRI/FOR/FISH SERV.	.000	.000	.000	.000	.000	.000

THE HARTFORD FS-53 HISTORICAL DATA SET.

PRODUCTION COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.07324	1.04375	.99162	.99440	.99536	1.00581
FURNITURE(25)	1.08501	1.10584	1.09554	1.11136	1.12430	1.11983
STONE,CLAY,ETC.(32)	1.05419	1.07265	1.03682	1.03419	1.03568	1.03918
PRIMARY METALS(33)	.99085	.99366	.96998	.96384	.97199	.97286
FABRICATED METAL(34)	.99664	1.01458	.99953	1.00253	1.00241	1.01002
NON-ELEC MACHINE(35)	1.02777	1.02477	1.02430	1.02190	1.00772	1.01390
ELECT. EQUIPMENT(36)	.97773	.98905	.98643	.98460	.99128	.99756
MOTOR VEH.(371)	.97944	.94660	.95697	.96974	.96529	.96796
REST TRANS. EQUIP.	1.05935	1.09080	1.06906	1.05259	1.05204	1.05597
INSTRUMENTS(38)	.98229	.99232	.98113	.98574	1.01090	1.01054
MISC. MANUF.(39)	1.06350	1.06865	1.07610	1.07192	1.08061	1.07610
FOOD(20)	1.02137	1.01936	1.01212	1.01316	1.00993	1.02991
TOBACCO MANUF(21)	1.00175	1.00898	1.01103	1.00505	1.00154	1.02072
TEXTILES(22)	1.05088	1.04021	1.03672	1.02995	1.02422	1.03616
APPAREL(23)	1.01890	1.01267	1.00821	1.00527	1.00960	1.02597
PAPER(26)	1.03659	1.04188	1.05692	1.07986	1.06841	1.08222
PRINTING(27)	1.00913	.99326	.99314	.99470	.99019	.99705
CHEMICALS(28)	1.03277	1.04604	1.03256	1.03195	1.03914	1.05439
PETRO PROD(29)	1.64282	1.88008	1.63487	1.46331	1.46246	1.46711
RUBBER(30)	1.00743	1.00351	1.00471	1.00458	1.00089	1.01013
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	1.07925	1.08696	1.05758	1.04013	1.02778	1.03641
CONSTRUCTION	1.05594	1.06160	1.01721	1.01617	1.01546	1.02239
RAILROAD(40)	1.01429	1.01099	1.00158	.99909	.99413	.99232
TRUCKING(42)	1.05476	1.04558	1.03088	1.03670	1.03789	1.04652
LOCAL/INTERURBAN(41)	.94163	.95377	.93413	.93553	.94285	.97326
AIR TRANSP.(45)	.92232	.92294	.89905	.88701	.90026	.91603
OTHER TRANSP.	.88018	.95267	.91621	.93403	.93652	.93920
COMMUNICATION(48)	1.02875	1.03014	1.02221	1.01011	1.00329	1.01334
PUBLIC UTILITIES(49)	.98972	1.05519	1.06683	1.11516	1.11234	1.11903
BANKING(60)	.98309	1.01459	.97459	.98424	.97962	.98608
INSURANCE(63+64)	.99348	1.00792	1.03371	1.05339	1.06436	1.07947
CREDIT&FINANCE(61+62	.95526	.98039	1.00581	1.04475	1.05558	1.05552
REAL ESTATE(65,69)	1.04350	1.04941	1.02747	1.02498	1.02557	1.03725
EATING & DRINKING(58	1.05576	1.03356	1.01846	1.01297	1.01381	1.02021
REST OF RETAL(R52)	1.04028	1.00579	.97118	.97407	.96913	.98390
WHOLESALE	1.05473	1.04994	1.04497	1.06036	1.05455	1.07518
HOTELS(70)	1.12887	1.06688	1.02599	1.03110	1.00770	.99851
PER. SERV. & REPR.	1.12697	1.06284	1.00714	1.00093	1.00699	1.00564
PRIVATE HOUSEHOLD	1.76189	1.76320	1.70307	1.68688	1.70283	1.68302
AUTO REP/SERV(75)	1.05235	1.04645	1.02030	1.01763	1.01734	1.02468
MISC. BUSI. SERV.(73	.98893	1.01516	1.00203	1.02364	1.00879	1.02167
AMUSE.&RECREATION(79	1.05972	1.03408	1.02548	1.00198	1.01096	1.01256
MOTION PICTURES(78)	.84097	.86838	.82685	.84876	.83920	.84995
MEDICAL(80)	1.08797	1.02216	.96447	.94166	.93873	.94284
MISC. PROF. SERV.(81	1.11324	1.04572	1.01113	1.01421	1.01342	1.01080
EDUCTAION(82)	1.18746	1.18528	1.10742	1.13266	1.12597	1.11818
NON-PROFIT ORG.(83)	1.05496	1.05449	.98361	.96628	.96663	.97094
AGRI/FOR/FISH SERV.	1.15927	1.06618	1.00657	1.02704	1.02257	1.04987

THE HARTFORD FS-53 HISTORICAL DATA SET.

FACTOR COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.14227	1.08726	.97308	.97391	.97850	.99876
FURNITURE(25)	1.18783	1.23687	1.21937	1.25347	1.28559	1.27209
STONE,CLAY,ETC.(32)	1.08371	1.11369	1.05756	1.05163	1.05489	1.05967
PRIMARY METALS(33)	.96906	.97509	.91950	.90167	.92364	.92413
FABRICATED METAL(34)	.98511	1.02658	.99589	1.00097	1.00184	1.01785
NON-ELEC MACHINE(35)	1.05060	1.04399	1.04655	1.03972	1.01162	1.02303
ELECT. EQUIPMENT(36)	.94081	.96576	.96546	.95886	.97543	.98759
MOTOR VEH.(371)	.92097	.81162	.85020	.88887	.87638	.88211
REST TRANS. EQUIP.	1.11835	1.18621	1.14388	1.10707	1.10739	1.11443
INSTRUMENTS(38)	.95722	.97596	.95898	.96507	1.01667	1.01405
MISC. MANUF.(39)	1.15489	1.16693	1.19424	1.17835	1.20444	1.18910
FOOD(20)	1.03053	1.02684	1.01743	1.01662	1.01223	1.04628
TOBACCO MANUF(21)	1.00207	1.01156	1.01606	1.00540	1.00118	1.03003
TEXTILES(22)	1.14078	1.10841	1.10166	1.07901	1.06364	1.09632
APPAREL(23)	1.04381	1.02651	1.01791	1.00672	1.02072	1.06463
PAPER(26)	1.07745	1.08962	1.13016	1.18203	1.15622	1.18695
PRINTING(27)	1.01406	.96987	.97674	.97760	.96944	.98537
CHEMICALS(28)	1.06606	1.09289	1.06880	1.06330	1.08196	1.11385
PETRO PROD(29)	1.71256	1.97389	1.70376	1.51323	1.51245	1.51740
RUBBER(30)	1.01020	.99965	1.00710	1.00446	.99730	1.01633
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	1.09725	1.10610	1.07176	1.04848	1.03323	1.04367
CONSTRUCTION	1.09708	1.11264	1.03034	1.02624	1.02614	1.03838
RAILROAD(40)	1.01063	1.00233	.99892	.99367	.98660	.98180
TRUCKING(42)	1.06903	1.05603	1.03928	1.04581	1.04847	1.05952
LOCAL/INTERURBAN(41)	.92133	.93638	.91520	.91590	.92572	.96289
AIR TRANSP.(45)	.89378	.88991	.85983	.83997	.85940	.88023
OTHER TRANSP.	.81694	.92267	.87141	.89601	.90093	.90424
COMMUNICATION(48)	1.03675	1.03827	1.03140	1.01229	1.00408	1.01711
PUBLIC UTILITIES(49)	.98459	1.05856	1.07452	1.12874	1.12588	1.13287
BANKING(60)	.97681	1.01442	.96726	.97641	.97219	.97936
INSURANCE(63+64)	.98326	1.00764	1.05694	1.08943	1.10988	1.13530
CREDIT&FINANCE(61+62	.89151	.95713	1.01127	1.08671	1.11664	1.11250
REAL ESTATE(65,69)	1.04496	1.05141	1.02996	1.02666	1.02766	1.04054
EATING & DRINKING(58	1.10454	1.05803	1.03136	1.01635	1.01972	1.03025
REST OF RETAL(R52)	1.04602	1.00210	.96270	.96469	.95973	.97662
WHOLESALE	1.06550	1.05913	1.05675	1.07523	1.06891	1.09462
HOTELS(70)	1.19417	1.09302	1.03634	1.04132	1.00540	.98768
PER. SERV. & REPR.	1.19269	1.09059	1.00718	.99533	1.00642	1.00227
PRIVATE HOUSEHOLD	1.76189	1.76320	1.70307	1.68688	1.70283	1.68302
AUTO REP/SERV(75)	1.09870	1.08672	1.03652	1.02887	1.02958	1.04181
MISC. BUSI. SERV.(73	.97473	1.01631	1.00048	1.03265	1.01103	1.02904
AMUSE.&RECREATION(79	1.07381	1.03845	1.03207	.99757	1.01136	1.01112
MOTION PICTURES(78)	.68829	.73829	.66681	.70568	.68977	.70678
MEDICAL(80)	1.11630	1.02374	.94650	.91279	.90938	.91340
MISC. PROF. SERV.(81	1.14074	1.05421	1.01338	1.01624	1.01615	1.01131
EDUCTAION(82)	1.20275	1.19907	1.10107	1.13316	1.12516	1.11249
NON-PROFIT ORG.(83)	1.06748	1.06790	.97172	.94520	.94675	.95065
AGRI/FOR/FISH SERV.	1.23212	1.09219	1.00708	1.03563	1.03014	1.06853

THE HARTFORD FS-53 HISTORICAL DATA SET.

LABOR COSTS (WAGES) RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.19598	1.07369	.89534	.89518	.90052	.92599
FURNITURE(25)	1.21939	1.27582	1.26227	1.31067	1.35364	1.32885
STONE,CLAY,ETC.(32)	1.03386	1.04630	.98109	.98237	.98870	.99074
PRIMARY METALS(33)	.82943	.80565	.74577	.72388	.75893	.75639
FABRICATED METAL(34)	.93913	.98688	.95473	.96515	.96470	.98122
NON-ELEC MACHINE(35)	1.03772	1.01810	1.03225	1.02444	.98121	.99040
ELECT. EQUIPMENT(36)	.89727	.92287	.92947	.92234	.94246	.95358
MOTOR VEH.(371)	.83398	.66237	.72706	.78768	.76615	.76610
REST TRANS. EQUIP.	1.12939	1.21097	1.16277	1.11602	1.11515	1.11966
INSTRUMENTS(38)	.91609	.93376	.91853	.92754	.99670	.98721
MISC. MANUF.(39)	1.18124	1.18632	1.23802	1.21563	1.25233	1.22261
FOOD(20)	1.05061	1.00792	.99327	.99697	.97484	1.10781
TOBACCO MANUF(21)	.87881	.90677	1.00130	.93359	.87875	1.01488
TEXTILES(22)	1.19584	1.12312	1.12328	1.08332	1.05535	1.10346
APPAREL(23)	1.03618	1.01321	1.00645	.99360	1.00875	1.05622
PAPER(26)	1.02259	.98688	1.08049	1.16514	1.11706	1.16636
PRINTING(27)	.99318	.92422	.94193	.94447	.93172	.94869
CHEMICALS(28)	.89750	.88421	.89353	.90444	.94255	1.00121
PETRO PROD(29)	.97969	1.34240	1.29490	1.27038	1.24573	1.30146
RUBBER(30)	.96094	.92927	.95483	.95135	.93781	.95992
LEATHER(31)	.95801	.96090	.91202	.88328	.77793	.87107
MINING	1.13135	1.10912	1.05015	.96450	.90753	.91406
CONSTRUCTION	1.15998	1.17919	1.02355	1.01949	1.01684	1.02708
RAILROAD(40)	1.02027	.99105	.98085	.96282	.95431	.94756
TRUCKING(42)	1.10609	1.05092	1.02864	1.02879	1.03250	1.04315
LOCAL/INTERURBAN(41)	.76493	.74960	.72062	.71043	.72998	.79663
AIR TRANSP.(45)	.81555	.77232	.72303	.67712	.70528	.73142
OTHER TRANSP.	.69026	.82207	.73714	.75704	.76415	.76385
COMMUNICATION(48)	1.02781	1.00215	1.01962	.98276	.96337	.97481
PUBLIC UTILITIES(49)	1.09312	1.09270	1.02283	1.04342	1.02122	1.03711
BANKING(60)	.92429	.97824	.91212	.93132	.92306	.92734
INSURANCE(63+64)	.95507	.98309	1.06624	1.11740	1.14808	1.18133
CREDIT&FINANCE(61+62	.88283	.94937	1.00515	1.08174	1.11241	1.10817
REAL ESTATE(65,69)	1.23106	.99243	.98768	1.02162	1.01889	1.07248
EATING & DRINKING(58	1.16239	1.06218	1.02511	.99927	1.00240	1.00889
REST OF RETAL(R52)	1.03952	.95882	.90544	.90964	.89937	.91664
WHOLESALE	1.08247	1.06318	1.07006	1.10578	1.09022	1.12209
HOTELS(70)	1.20376	1.07072	1.00566	1.00893	.96462	.94174
PER. SERV. & REPR.	1.33433	1.10203	.96440	.94499	.96451	.94635
PRIVATE HOUSEHOLD	1.76189	1.76320	1.70307	1.68688	1.70283	1.68302
AUTO REP/SERV(75)	1.25239	1.13941	1.01288	.99591	.99466	1.00575
MISC. BUSI. SERV.(73	.90364	.96493	.95708	1.02233	.97940	1.00245
AMUSE.&RECREATION(79	1.09346	1.02586	1.02819	.97454	.99601	.98939
MOTION PICTURES(78)	.52506	.58207	.50063	.54955	.52921	.54674
MEDICAL(80)	1.14375	.99673	.89661	.85041	.84515	.84607
MISC. PROF. SERV.(81	1.24936	1.04656	.99012	1.00119	.99957	.97735
EDUCTAION(82)	1.19989	1.19469	1.09156	1.12403	1.11552	1.10206
NON-PROFIT ORG.(83)	1.05628	1.05509	.95268	.92283	.92446	.92833
AGRI/FOR/FISH SERV.	1.51352	1.11992	.94843	1.01410	1.00025	1.07770

THE HARTFORD FS-53 HISTORICAL DATA SET.

FUEL COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.31761	1.46825	1.40160	1.43666	1.43666	1.43666
FURNITURE(25)	1.45500	1.60181	1.49039	1.49043	1.49043	1.49043
STONE,CLAY,ETC.(32)	1.45111	1.65934	1.52469	1.47790	1.47790	1.47790
PRIMARY METALS(33)	1.39781	1.57235	1.46961	1.46362	1.46362	1.46362
FABRICATED METAL(34)	1.53699	1.70850	1.55830	1.51609	1.51609	1.51609
NON-ELEC MACHINE(35)	1.48536	1.63754	1.51342	1.50071	1.50071	1.50071
ELECT. EQUIPMENT(36)	1.50044	1.64313	1.51754	1.50797	1.50797	1.50797
MOTOR VEH.(371)	1.46395	1.61681	1.49988	1.49266	1.49266	1.49266
REST TRANS. EQUIP.	1.46395	1.61681	1.49988	1.49266	1.49266	1.49266
INSTRUMENTS(38)	1.39011	1.52800	1.44219	1.46753	1.46753	1.46753
MISC. MANUF.(39)	1.42985	1.57134	1.47065	1.48199	1.48199	1.48199
FOOD(20)	1.46683	1.65543	1.52317	1.48729	1.48729	1.48729
TOBACCO MANUF(21)	1.24752	1.37926	1.34223	1.41192	1.41192	1.41192
TEXTILES(22)	1.35411	1.49434	1.41964	1.45311	1.45311	1.45311
APPAREL(23)	1.41481	1.53889	1.45012	1.47958	1.47958	1.47958
PAPER(26)	1.28024	1.45117	1.38901	1.41762	1.41762	1.41762
PRINTING(27)	1.48716	1.61851	1.50208	1.50519	1.50519	1.50519
CHEMICALS(28)	1.51845	1.71421	1.56073	1.50512	1.50512	1.50512
PETRO PROD(29)	1.88786	2.19881	1.85428	1.61300	1.61300	1.61300
RUBBER(30)	1.41837	1.55770	1.46178	1.47805	1.47805	1.47805
LEATHER(31)	1.34566	1.48739	1.41491	1.44950	1.44950	1.44950
MINING	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
CONSTRUCTION	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
RAILROAD(40)	.93104	1.04548	1.10560	1.20278	1.20278	1.20278
TRUCKING(42)	.93104	1.04548	1.10560	1.20278	1.20278	1.20278
LOCAL/INTERURBAN(41)	.93104	1.04548	1.10560	1.20278	1.20278	1.20278
AIR TRANSP.(45)	.93104	1.04548	1.10560	1.20278	1.20278	1.20278
OTHER TRANSP.	.93104	1.04548	1.10560	1.20278	1.20278	1.20278
COMMUNICATION(48)	.93104	1.04548	1.10560	1.20278	1.20278	1.20278
PUBLIC UTILITIES(49)	.93104	1.04548	1.10560	1.20278	1.20278	1.20278
BANKING(60)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
INSURANCE(63+64)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
CREDIT&FINANCE(61+62	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
REAL ESTATE(65,69)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
EATING & DRINKING(58	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
REST OF RETAL(R52)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
WHOLESALE	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
HOTELS(70)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
PER. SERV. & REPR.	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
PRIVATE HOUSEHOLD	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
AUTO REP/SERV(75)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
MISC. BUSI. SERV.(73	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
AMUSE.&RECREATION(79	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
MOTION PICTURES(78)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
MEDICAL(80)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
MISC. PROF. SERV.(81	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
EDUCTAION(82)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
NON-PROFIT ORG.(83)	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218
AGRI/FOR/FISH SERV.	1.24750	1.26607	1.24583	1.27218	1.27218	1.27218

THE HARTFORD FS-53 HISTORICAL DATA SET.

CAPITAL COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.02685	1.03568	1.02059	1.01723	1.02112	1.03754
FURNITURE(25)	1.03251	1.04403	1.02516	1.02001	1.02486	1.04452
STONE,CLAY,ETC.(32)	1.02833	1.03803	1.02165	1.01806	1.02180	1.03812
PRIMARY METALS(33)	1.02580	1.03384	1.01984	1.01676	1.02087	1.03770
FABRICATED METAL(34)	1.02692	1.03542	1.02041	1.01709	1.02181	1.04016
NON-ELEC MACHINE(35)	1.02708	1.03537	1.02117	1.01715	1.02237	1.04197
ELECT. EQUIPMENT(36)	1.02924	1.03885	1.02267	1.01838	1.02324	1.04240
MOTOR VEH.(371)	1.02810	1.03714	1.02185	1.01768	1.02260	1.04164
REST TRANS. EQUIP.	1.02810	1.03714	1.02185	1.01768	1.02260	1.04164
INSTRUMENTS(38)	1.03233	1.04383	1.02489	1.02003	1.02455	1.04345
MISC. MANUF.(39)	1.02769	1.03638	1.02165	1.01738	1.02263	1.04234
FOOD(20)	1.03017	1.04061	1.02323	1.01888	1.02325	1.04135
TOBACCO MANUF(21)	1.02748	1.03596	1.02152	1.01729	1.02265	1.04263
TEXTILES(22)	1.02743	1.03602	1.02129	1.01747	1.02229	1.04107
APPAREL(23)	1.02448	1.03093	1.01955	1.01552	1.02176	1.04326
PAPER(26)	1.02438	1.03200	1.01867	1.01593	1.01961	1.03506
PRINTING(27)	1.02932	1.03972	1.02240	1.01847	1.02215	1.03843
CHEMICALS(28)	1.02628	1.03460	1.02021	1.01698	1.02110	1.03803
PETRO PROD(29)	1.03822	1.05380	1.02888	1.02331	1.02635	1.04279
RUBBER(30)	1.02765	1.03655	1.02134	1.01766	1.02211	1.04004
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	1.04635	1.06638	1.03490	1.02775	1.03066	1.04835
CONSTRUCTION	1.03305	1.04590	1.02532	1.02003	1.02375	1.04051
RAILROAD(40)	1.05016	1.07232	1.03763	1.02995	1.03257	1.05040
TRUCKING(42)	1.05016	1.07232	1.03763	1.02995	1.03257	1.05040
LOCAL/INTERURBAN(41)	1.05016	1.07232	1.03763	1.02995	1.03257	1.05040
AIR TRANSP.(45)	1.05016	1.07232	1.03763	1.02995	1.03257	1.05040
OTHER TRANSP.	1.05016	1.07232	1.03763	1.02995	1.03257	1.05040
COMMUNICATION(48)	1.05016	1.07232	1.03763	1.02995	1.03257	1.05040
PUBLIC UTILITIES(49)	1.05016	1.07232	1.03763	1.02995	1.03257	1.05040
BANKING(60)	1.03785	1.05437	1.02846	1.02267	1.02473	1.03836
INSURANCE(63+64)	1.03785	1.05437	1.02846	1.02267	1.02473	1.03836
CREDIT&FINANCE(61+62	1.03785	1.05437	1.02846	1.02267	1.02473	1.03836
REAL ESTATE(65,69)	1.03785	1.05437	1.02846	1.02267	1.02473	1.03836
EATING & DRINKING(58	1.03201	1.04341	1.02483	1.01955	1.02444	1.04398
REST OF RETAL(R52)	1.03201	1.04341	1.02483	1.01955	1.02444	1.04398
WHOLESALE	1.02898	1.03832	1.02279	1.01785	1.02351	1.04434
HOTELS(70)	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
PER. SERV. & REPR.	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
PRIVATE HOUSEHOLD	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
AUTO REP/SERV(75)	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
MISC. BUSI. SERV.(73	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
AMUSE.&RECREATION(79	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
MOTION PICTURES(78)	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
MEDICAL(80)	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
MISC. PROF. SERV.(81	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
EDUCTAION(82)	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
NON-PROFIT ORG.(83)	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401
AGRI/FOR/FISH SERV.	1.04293	1.06161	1.03229	1.02570	1.02818	1.04401

THE HARTFORD FS-53 HISTORICAL DATA SET.

INTERMEDIATE INPUT COSTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.03112	1.01720	1.00293	1.00691	1.00564	1.01011
FURNITURE(25)	1.00913	1.00913	1.00416	1.00649	1.00526	1.00746
STONE,CLAY,ETC.(32)	1.01545	1.01876	1.00959	1.01129	1.01045	1.01229
PRIMARY METALS(33)	1.00488	1.00561	1.00249	1.00388	1.00313	1.00424
FABRICATED METAL(34)	1.00534	1.00554	1.00227	1.00371	1.00285	1.00412
NON-ELEC MACHINE(35)	1.00750	1.00771	1.00454	1.00608	1.00426	1.00579
ELECT. EQUIPMENT(36)	1.00776	1.00798	1.00348	1.00554	1.00416	1.00567
MOTOR VEH.(371)	1.00492	1.00544	1.00350	1.00499	1.00404	1.00538
REST TRANS. EQUIP.	1.00963	1.01041	1.00603	1.00669	1.00540	1.00670
INSTRUMENTS(38)	1.00803	1.00912	1.00388	1.00695	1.00498	1.00694
MISC. MANUF.(39)	1.00765	1.00859	1.00391	1.00689	1.00494	1.00705
FOOD(20)	1.01001	1.01011	1.00554	1.00887	1.00710	1.00963
TOBACCO MANUF(21)	1.00119	1.00451	1.00231	1.00443	1.00215	1.00456
TEXTILES(22)	1.00475	1.00520	1.00339	1.00477	1.00398	1.00529
APPAREL(23)	1.00533	1.00513	1.00293	1.00448	1.00354	1.00491
PAPER(26)	1.00702	1.00734	1.00393	1.00596	1.00488	1.00646
PRINTING(27)	1.00659	1.00534	1.00161	1.00353	1.00090	1.00308
CHEMICALS(28)	1.00607	1.00848	1.00349	1.00681	1.00480	1.00672
PETRO PROD(29)	.99406	1.00732	.99397	.99889	.99744	.99936
RUBBER(30)	1.00530	1.00647	1.00287	1.00466	1.00366	1.00536
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	1.01803	1.02185	1.00932	1.01172	1.00923	1.01169
CONSTRUCTION	1.01738	1.01375	1.00491	1.00673	1.00546	1.00740
RAILROAD(40)	1.02017	1.02492	1.00585	1.00780	1.00625	1.00923
TRUCKING(42)	1.02219	1.02175	1.01171	1.01592	1.01376	1.01719
LOCAL/INTERURBAN(41)	1.02214	1.02273	1.00924	1.01334	1.01082	1.01440
AIR TRANSP.(45)	.99309	1.00482	.99630	1.00365	1.00157	1.00478
OTHER TRANSP.	.96957	.99509	.97954	.98777	.98682	.98861
COMMUNICATION(48)	1.01117	1.01229	1.00204	1.00531	1.00155	1.00505
PUBLIC UTILITIES(49)	1.02795	1.03006	1.00951	1.01396	1.01151	1.01591
BANKING(60)	1.00759	1.01524	1.00368	1.01482	1.00864	1.01230
INSURANCE(63+64)	1.00451	1.00822	1.00864	1.01448	1.01523	1.01920
CREDIT&FINANCE(61+62	1.00335	1.01374	1.00170	1.01309	1.00953	1.01254
REAL ESTATE(65,69)	1.03490	1.03768	1.01286	1.01510	1.01333	1.01794
EATING & DRINKING(58	1.01323	1.01224	1.00721	1.01004	1.00866	1.01146
REST OF RETAL(R52)	1.01520	1.02189	1.00819	1.01500	1.01014	1.01566
WHOLESALE	1.02126	1.02136	1.00836	1.01414	1.00995	1.01473
HOTELS(70)	1.02058	1.02353	1.00881	1.01414	1.01153	1.01647
PER. SERV. & REPR.	1.02040	1.01784	1.00708	1.01001	1.00792	1.01110
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	1.00941	1.00914	1.00528	1.00721	1.00599	1.00881
MISC. BUSI. SERV.(73	1.01239	1.01325	1.00458	1.00876	1.00507	1.00949
AMUSE.&RECREATION(79	1.02863	1.02441	1.01092	1.01172	1.01007	1.01576
MOTION PICTURES(78)	.98310	.98948	.97583	.98195	.97830	.98323
MEDICAL(80)	1.02371	1.01858	1.00521	1.00713	1.00529	1.00960
MISC. PROF. SERV.(81	1.02621	1.01887	1.00400	1.00776	1.00477	1.00919
EDUCTAION(82)	1.14003	1.14250	1.12711	1.13113	1.12847	1.13582
NON-PROFIT ORG.(83)	1.02706	1.02460	1.01010	1.01325	1.01095	1.01615
AGRI/FOR/FISH SERV.	1.02331	1.01766	1.00562	1.01100	1.00845	1.01506

THE HARTFORD FS-53 HISTORICAL DATA SET.

PRODUCTION COSTS FOR LOCAL MKTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.07324	1.04375	.99162	.99440	.99536	1.00581
FURNITURE(25)	1.08501	1.10584	1.09554	1.11136	1.12430	1.11983
STONE,CLAY,ETC.(32)	1.05419	1.07265	1.03682	1.03419	1.03568	1.03918
PRIMARY METALS(33)	.99085	.99366	.96998	.96384	.97199	.97286
FABRICATED METAL(34)	.99664	1.01458	.99953	1.00253	1.00241	1.01002
NON-ELEC MACHINE(35)	1.02777	1.02477	1.02430	1.02190	1.00772	1.01390
ELECT. EQUIPMENT(36)	.97773	.98905	.98643	.98460	.99128	.99756
MOTOR VEH.(371)	.97944	.94660	.95697	.96974	.96529	.96796
REST TRANS. EQUIP.	1.05935	1.09080	1.06906	1.05259	1.05204	1.05597
INSTRUMENTS(38)	.98229	.99232	.98113	.98574	1.01090	1.01054
MISC. MANUF.(39)	1.06350	1.06865	1.07610	1.07192	1.08061	1.07610
FOOD(20)	1.02137	1.01936	1.01212	1.01316	1.00993	1.02991
TOBACCO MANUF(21)	1.00175	1.00898	1.01103	1.00505	1.00154	1.02072
TEXTILES(22)	1.05088	1.04021	1.03672	1.02995	1.02422	1.03616
APPAREL(23)	1.01890	1.01267	1.00821	1.00527	1.00960	1.02597
PAPER(26)	1.03659	1.04188	1.05692	1.07986	1.06841	1.08222
PRINTING(27)	1.00913	.99326	.99314	.99470	.99019	.99705
CHEMICALS(28)	1.03277	1.04604	1.03256	1.03195	1.03914	1.05439
PETRO PROD(29)	1.64282	1.88008	1.63487	1.46331	1.46246	1.46711
RUBBER(30)	1.00743	1.00351	1.00471	1.00458	1.00089	1.01013
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	1.07925	1.08696	1.05758	1.04013	1.02778	1.03641
CONSTRUCTION	1.05594	1.06160	1.01721	1.01617	1.01546	1.02239
RAILROAD(40).	1.01429	1.01099	1.00158	.99909	.99413	.99232
TRUCKING(42)	1.05476	1.04558	1.03088	1.03670	1.03789	1.04662
LOCAL/INTERURBAN(41)	.94163	.95377	.93413	.93553	.94285	.97326
AIR TRANSP.(45)	.92232	.92294	.89905	.88701	.90026	.91603
OTHER TRANSP.	.88018	.95267	.91621	.93403	.93652	.93920
COMMUNICATION(48)	1.02875	1.03014	1.02221	1.01011	1.00329	1.01334
PUBLIC UTILITIES(49)	.98972	1.05519	1.06683	1.11516	1.11234	1.11903
BANKING(60)	.98309	1.01459	.97469	.98424	.97962	.98608
INSURANCE(63+64)	.99348	1.00792	1.03371	1.05339	1.06436	1.07947
CREDIT&FINANCE(61+62	.95526	.98939	1.00581	1.04475	1.05558	1.05552
REAL ESTATE(65,69)	1.04350	1.04941	1.02747	1.02498	1.02557	1.03725
EATING & DRINKING(58	1.05576	1.03356	1.01846	1.01297	1.01381	1.02021
REST OF RETAL(R52)	1.04028	1.00579	.97118	.97407	.96913	.98390
WHOLESALE	1.05473	1.04994	1.04497	1.06036	1.05455	1.07518
HOTELS(70)	1.12887	1.06688	1.02599	1.03110	1.00770	.99851
PER. SERV. & REPR.	1.12697	1.06284	1.00714	1.00093	1.00699	1.00564
PRIVATE HOUSEHOLD	1.76189	1.76320	1.70307	1.68688	1.70283	1.68302
AUTO REP/SERV(75)	1.05235	1.04645	1.02030	1.01763	1.01734	1.02468
MISC. BUSI. SERV.(73	.98893	1.01516	1.00203	1.02364	1.00879	1.02167
AMUSE.&RECREATION(79	1.05972	1.03408	1.02548	1.00198	1.01096	1.01256
MOTION PICTURES(78)	.84097	.86838	.82685	.84876	.83920	.84995
MEDICAL(80)	1.08797	1.02216	.96447	.94166	.93873	.94284
MISC. PROF. SERV.(81	1.11324	1.04572	1.01113	1.01421	1.01342	1.01080
EDUCTAION(82)	1.18746	1.18528	1.10742	1.13266	1.12597	1.11818
NON-PROFIT ORG.(83)	1.05496	1.05449	.98361	.96628	.96663	.97094
AGRI/FOR/FISH SERV.	1.15927	1.06618	1.00657	1.02704	1.02257	1.04987

THE HARTFORD FS-53 HISTORICAL DATA SET.

PRODUCTION COSTS FOR EXPORT MKTS RELATIVE TO THE U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.07324	1.04375	.99162	.99440	.99536	1.00581
FURNITURE(25)	1.08501	1.10584	1.09554	1.11136	1.12430	1.11983
STONE,CLAY,ETC.(32)	1.05419	1.07265	1.03682	1.03419	1.03568	1.03918
PRIMARY METALS(33)	.99085	.99366	.96998	.96384	.97199	.97286
FABRICATED METAL(34)	.99664	1.01458	.99953	1.00253	1.00241	1.01002
NON-ELEC MACHINE(35)	1.02777	1.02477	1.02430	1.02190	1.00772	1.01390
ELECT. EQUIPMENT(36)	.97773	.98905	.98643	.98460	.99128	.99756
MOTOR VEH.(371)	.97944	.94660	.95697	.96974	.96529	.96796
REST TRANS. EQUIP.	1.05935	1.09080	1.06906	1.05259	1.05204	1.05597
INSTRUMENTS(38)	.98229	.99232	.98113	.98574	1.01090	1.01054
MISC. MANUF.(39)	1.06350	1.06865	1.07610	1.07192	1.08061	1.07610
FOOD(20)	1.02137	1.01936	1.01212	1.01316	1.00993	1.02991
TOBACCO MANUF(21)	1.00175	1.00898	1.01103	1.00505	1.00154	1.02072
TEXTILES(22)	1.05088	1.04021	1.03672	1.02995	1.02422	1.03616
APPAREL(23)	1.01890	1.01267	1.00821	1.00527	1.00960	1.02597
PAPER(26)	1.03659	1.04188	1.05692	1.07986	1.06841	1.08222
PRINTING(27)	1.00913	.99326	.99314	.99470	.99019	.99705
CHEMICALS(28)	1.03277	1.04604	1.03256	1.03195	1.03914	1.05439
PETRO PROD(29)	1.64282	1.88008	1.63487	1.46331	1.46246	1.46711
RUBBER(30)	1.00743	1.00351	1.00471	1.00458	1.00089	1.01013
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	1.07925	1.08696	1.05758	1.04013	1.02778	1.03641
CONSTRUCTION	1.05594	1.06160	1.01721	1.01617	1.01546	1.02239
RAILROAD(40)	1.01429	1.01099	1.00158	.99909	.99413	.99232
TRUCKING(42)	1.05476	1.04558	1.03088	1.03670	1.03789	1.04662
LOCAL/INTERURBAN(41)	.94163	.95377	.93413	.93553	.94285	.97326
AIR TRANSP.(45)	.92232	.92294	.89905	.88701	.90026	.91603
OTHER TRANSP.	.88018	.95267	.91621	.93403	.93652	.93920
COMMUNICATION(48)	1.02875	1.03014	1.02221	1.01011	1.00329	1.01334
PUBLIC UTILITIES(49)	.98972	1.05519	1.06683	1.11516	1.11234	1.11903
BANKING(60)	.98309	1.01459	.97469	.98424	.97962	.98608
INSURANCE(63+64)	.99348	1.00792	1.03371	1.05339	1.06436	1.07947
CREDIT&FINANCE(61+62	.95526	.98939	1.00581	1.04475	1.05558	1.05552
REAL ESTATE(65,69)	1.04350	1.04941	1.02747	1.02498	1.02557	1.03725
EATING & DRINKING(58	1.05576	1.03356	1.01846	1.01297	1.01381	1.02021
REST OF RETAL(R52)	1.04028	1.00579	.97118	.97407	.96913	.98390
WHOLESALE	1.05473	1.04994	1.04497	1.06036	1.05455	1.07518
HOTELS(70)	1.12887	1.06688	1.02599	1.03110	1.00770	.99851
PER. SERV. & REPR.	1.12697	1.06284	1.00714	1.00093	1.00699	1.00564
PRIVATE HOUSEHOLD	1.76189	1.76320	1.70307	1.68688	1.70283	1.68302
AUTO REP/SERV(75)	1.05235	1.04645	1.02030	1.01763	1.01734	1.02468
MISC. BUSI. SERV.(73	.98893	1.01516	1.00203	1.02364	1.00879	1.02167
AMUSE.&RECREATION(79	1.05972	1.03408	1.02548	1.00198	1.01096	1.01256
MOTION PICTURES(78)	.84097	.86838	.82685	.84876	.83920	.84995
MEDICAL(80)	1.08797	1.02216	.96447	.94166	.93873	.94284
MISC. PROF. SERV.(81	1.11324	1.04572	1.01113	1.01421	1.01342	1.01080
EDUCTAION(82)	1.18746	1.18528	1.10742	1.13266	1.12597	1.11818
NON-PROFIT ORG.(83)	1.05496	1.05449	.98361	.96628	.96663	.97094
AGRI/FOR/FISH SERV.	1.15927	1.06618	1.00657	1.02704	1.02257	1.04987

THE HARTFORD FS-53 HISTORICAL DATA SET.

LABOR INTENSITY

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.95440	.96409	.99129	1.00779	1.01269	1.01683
FURNITURE(25)	.97364	.97316	.97054	.96868	.96748	.96686
STONE,CLAY,ETC.(32)	1.04586	1.05163	1.05869	1.06243	1.06270	1.06315
PRIMARY METALS(33)	1.16463	1.17489	1.19050	1.19822	1.19938	1.20079
FABRICATED METAL(34)	1.04839	1.04782	1.04687	1.04496	1.04455	1.04411
NON-ELEC MACHINE(35)	1.01186	1.01604	1.01650	1.01556	1.01651	1.01756
ELECT. EQUIPMENT(36)	1.04804	1.04820	1.04594	1.04415	1.04356	1.04308
MOTOR VEH.(371)	1.10344	1.12850	1.13680	1.13885	1.13914	1.13994
REST TRANS. EQUIP.	.98984	.98946	.98783	.98715	.98751	.98801
INSTRUMENTS(38)	1.04424	1.04496	1.04496	1.04374	1.04224	1.04132
MISC. MANUF.(39)	.97713	.97951	.97785	.97508	.97424	.97415
FOOD(20)	.98039	.98697	.99654	1.00433	1.00645	1.00259
TOBACCO MANUF(21)	1.13897	1.12797	1.10173	1.09749	1.10007	1.09478
TEXTILES(22)	.95350	.95847	.96376	.96836	.97082	.97225
APPAREL(23)	1.00722	1.00788	1.00888	1.00959	1.00973	1.00962
PAPER(26)	1.05306	1.06029	1.06437	1.05853	1.05704	1.05460
PRINTING(27)	1.02035	1.02454	1.02957	1.03062	1.03122	1.03171
CHEMICALS(28)	1.18602	1.19761	1.20292	1.19730	1.19419	1.18910
PETRO PROD(29)	1.74729	1.79356	1.65326	1.57740	1.55468	1.53040
RUBBER(30)	1.05043	1.05540	1.05750	1.05730	1.05766	1.05775
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	.96753	.96421	.97799	.99341	1.00244	1.01122
CONSTRUCTION	.94435	.94748	.95828	.96560	.96830	.97100
RAILROAD(40)	.99027	.99286	1.00005	1.00539	1.00716	1.00898
TRUCKING(42)	.96514	.97123	.98083	.98749	.98921	.99091
LOCAL/INTERURBAN(41)	1.20166	1.20308	1.22303	1.23634	1.23828	1.23650
AIR TRANSP.(45)	1.09459	1.09952	1.11646	1.13622	1.14134	1.14526
OTHER TRANSP.	1.18208	1.16567	1.15981	1.16399	1.16491	1.16612
COMMUNICATION(48)	1.00627	1.01165	1.01133	1.01468	1.01636	1.01811
PUBLIC UTILITIES(49)	.89955	.90412	.94010	.96372	.97237	.97940
BANKING(60)	1.05525	1.05198	1.05003	1.05104	1.05115	1.05150
INSURANCE(63+64)	1.02843	1.02731	1.01878	1.01213	1.00928	1.00629
CREDIT&FINANCE(61+62	1.00983	1.00959	1.00918	1.00836	1.00807	1.00781
REAL ESTATE(65,69)	.84612	.90918	.93998	.95513	.95842	.95924
EATING & DRINKING(58	.94937	.95853	.97131	.97769	.98015	.98274
REST OF RETAL(R52)	1.00542	1.01270	1.02542	1.03097	1.03322	1.03525
WHOLESALE	.98358	.98614	.98766	.98629	.98591	.98528
HOTELS(70)	.99173	.99439	1.00564	1.00945	1.01150	1.01384
PER. SERV. & REPR.	.89236	.91270	.94255	.96116	.96628	.97212
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	.87494	.89429	.91871	.93734	.94341	.94926
MISC. BUSI. SERV.(73	1.07680	1.07237	1.06634	1.05621	1.05469	1.05297
AMUSE.&RECREATION(79	.98091	.98730	.99242	.99783	.99891	1.00038
MOTION PICTURES(78)	1.30922	1.30288	1.29514	1.29638	1.29679	1.29658
MEDICAL(80)	.97493	.98421	.99998	1.01232	1.01628	1.02027
MISC. PROF. SERV.(81	.91134	.93199	.95298	.96402	.96727	.97154
EDUCTAION(82)	1.00239	1.00238	1.00476	1.00509	1.00531	1.00557
NON-PROFIT ORG.(83)	1.01051	1.01061	1.01326	1.01485	1.01543	1.01597
AGRI/FOR/FISH SERV.	.81291	.84421	.89748	.91888	.92579	.92993

THE HARTFORD FS-53 HISTORICAL DATA SET.

EXPORT SHARE MULTIPLICATIVE ADJUSTMENTS

	1967	1972	1977	1980	1981	1982
LUMBER(24)	1.000	.665	.581	1.092	1.151	1.171
FURNITURE(25)	1.000	.906	.988	.812	.745	.772
STONE,CLAY,ETC.(32)	1.000	3.135	4.512	2.981	3.148	1.716
PRIMARY METALS(33)	1.000	.822	.677	.766	.720	.774
FABRICATED METAL(34)	1.000	.982	.848	.931	.912	.907
NON-ELEC MACHINE(35)	1.000	.777	.734	.725	.648	.618
ELECT. EQUIPMENT(36)	1.000	.868	.847	.941	.943	.955
MOTOR VEH.(371)	1.000	.577	.532	.534	.941	.912
REST TRANS. EQUIP.	1.000	1.080	1.238	1.129	1.099	1.094
INSTRUMENTS(38)	1.000	.892	.794	.893	.978	.978
MISC. MANUF.(39)	1.000	.874	.759	.816	.775	.746
FOOD(20)	1.000	.925	1.095	1.280	1.248	1.320
TOBACCO MANUF(21)	1.000	4.547	7.304	9.721	9.821	10.628
TEXTILES(22)	1.000	.869	.885	.790	.779	.776
APPAREL(23)	1.000	.822	.816	.855	.822	.822
PAPER(26)	1.000	.902	1.007	1.304	1.378	1.395
PRINTING(27)	1.000	.990	1.491	1.757	1.764	1.723
CHEMICALS(28)	1.000	1.306	1.542	1.992	2.122	2.356
PETRO PROD(29)	1.000	1.168	1.192	1.030	.882	.745
RUBBER(30)	1.000	.708	.668	.536	.473	.511
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	1.000	.284	.928	.417	.018	.044
CONSTRUCTION	1.000	.924	.243	.279	.311	.361
RAILROAD(40)	1.000	.552	1.016	1.095	1.147	1.075
TRUCKING(42)	1.000	1.045	.951	.869	.917	.916
LOCAL/INTERURBAN(41)	1.000	9.611	17.544	22.525	24.156	20.221
AIR TRANSP.(45)	1.000	9.756	39.187	47.851	42.539	42.345
OTHER TRANSP.	1.000	20.253	38.565	41.312	43.388	44.621
COMMUNICATION(48)	1.000	.991	.996	1.019	1.008	.990
PUBLIC UTILITIES(49)	1.000	1.092	1.061	.861	.822	.814
BANKING(60)	1.000	1.117	1.320	1.240	1.353	1.278
INSURANCE(63+64)	1.000	1.151	1.100	1.120	1.163	1.217
CREDIT&FINANCE(61+62	1.000	7.515	10.852	11.477	12.725	13.311
REAL ESTATE(65,69)	1.000	2.359	1.688	1.464	1.881	1.817
EATING & DRINKING(58	1.000	1.127	1.099	1.044	.950	.981
REST OF RETAL(R52)	1.000	1.174	1.097	1.103	1.140	1.069
WHOLESALE	1.000	4.928	6.899	7.856	9.879	8.337
HOTELS(70)	1.000	.937	.837	.733	.688	.777
PER. SERV. & REPR.	1.000	2.034	2.648	2.740	2.350	2.790
PRIVATE HOUSEHOLD	1.000	3.837	6.539	6.341	6.143	6.463
AUTO REP/SERV(75)	1.000	1.520	1.618	1.061	.863	1.236
MISC. BUSI. SERV.(73	1.000	2.415	4.671	5.031	5.053	5.341
AMUSE.&RECREATION(79	1.000	1.985	5.231	6.396	6.924	6.352
MOTION PICTURES(78)	1.000	3.708	3.176	1.710	.747	1.724
MEDICAL(80)	1.000	1.765	1.845	1.651	1.494	1.524
MISC. PROF. SERV.(81	1.000	1.253	1.898	1.796	1.443	1.723
EDUCTAION(82)	1.000	1.228	1.474	1.109	1.074	1.181
NON-PROFIT ORG.(83)	1.000	6.734	6.060	5.793	5.058	6.187
AGRI/FOR/FISH SERV.	1.000	1.285	.946	.958	.588	.658

THE HARTFORD FS-53 HISTORICAL DATA SET.

EXPORT SHARE OF U.S. AS A PERCENT

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.066	.048	.041	.077	.083	.085
FURNITURE(25)	.256	.223	.244	.211	.194	.205
STONE,CLAY,ETC.(32)	.019	.060	.086	.059	.062	.034
PRIMARY METALS(33)	.370	.311	.258	.294	.275	.300
FABRICATED METAL(34)	2.390	2.159	1.842	2.003	1.978	1.961
NON-ELEC MACHINE(35)	2.245	1.683	1.545	1.528	1.374	1.303
ELECT. EQUIPMENT(36)	.642	.550	.522	.589	.587	.578
MOTOR VEH.(371)	.004	.002	.002	.002	.004	.003
REST TRANS. EQUIP.	4.334	3.572	3.953	4.198	4.117	4.111
INSTRUMENTS(38)	.847	.689	.590	.653	.697	.668
MISC. MANUF.(39)	.365	.311	.258	.278	.262	.251
FOOD(20)	.316	.270	.303	.347	.338	.359
TOBACCO MANUF(21)	.025	.111	.176	.236	.239	.256
TEXTILES(22)	.087	.073	.075	.069	.068	.067
APPAREL(23)	.264	.219	.222	.242	.233	.229
PAPER(26)	.299	.268	.299	.387	.409	.414
PRINTING(27)	.253	.254	.383	.455	.457	.446
CHEMICALS(28)	.131	.152	.165	.215	.227	.249
PETRO PROD(29)	.233	.258	.264	.240	.208	.171
RUBBER(30)	.323	.251	.253	.217	.195	.212
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.044	.012	.036	.017	.001	.002
CONSTRUCTION	1.488	1.375	.362	.415	.463	.538
RAILROAD(40)	.137	.076	.140	.151	.158	.148
TRUCKING(42)	.350	.366	.333	.304	.321	.320
LOCAL/INTERURBAN(41)	.034	.325	.593	.761	.816	.683
AIR TRANSP.(45)	.009	.091	.364	.445	.395	.394
OTHER TRANSP.	.006	.140	.312	.367	.390	.419
COMMUNICATION(48)	.173	.171	.173	.178	.176	.173
PUBLIC UTILITIES(49)	.836	.945	.940	.784	.751	.746
BANKING(60)	.717	.801	.947	.889	.970	.917
INSURANCE(63+64)	5.438	6.261	5.983	6.093	6.324	6.617
CREDIT&FINANCE(61+62	.032	.243	.350	.371	.411	.430
REAL ESTATE(65,69)	.209	.493	.353	.306	.393	.380
EATING & DRINKING(58	.622	.701	.684	.649	.591	.610
REST OF RETAL(R52)	1.004	1.179	1.102	1.108	1.145	1.073
WHOLESALE	.077	.381	.533	.607	.763	.644
HOTELS(70)	.427	.400	.357	.313	.294	.332
PER. SERV. & REPR.	.559	1.137	1.481	1.531	1.312	1.558
PRIVATE HOUSEHOLD	.036	.137	.234	.227	.220	.231
AUTO REP/SERV(75)	.504	.767	.816	.535	.435	.623
MISC. BUSI. SERV.(73	.089	.217	.421	.455	.457	.483
AMUSE.&RECREATION(79	.069	.137	.362	.443	.479	.440
MOTION PICTURES(78)	.038	.142	.122	.066	.029	.066
MEDICAL(80)	.447	.797	.836	.750	.679	.693
MISC. PROF. SERV.(81	.261	.328	.496	.469	.377	.450
EDUCTAION(82)	.535	.657	.788	.593	.574	.631
NON-PROFIT ORG.(83)	.046	.310	.279	.266	.233	.284
AGRI/FOR/FISH SERV.	.278	.366	.265	.275	.169	.192

THE HARTFORD FS-53 HISTORICAL DATA SET.

EXPORT EMPLOYMENT AS % OF EMPLOYMENT

	1967	1972	1977	1980	1981	1982
LUMBER(24)	36.553	30.904	34.217	47.834	49.262	49.103
FURNITURE(25)	99.650	99.633	99.718	99.666	99.636	99.648
STONE,CLAY,ETC.(32)	3.092	9.662	16.921	11.785	12.354	6.970
PRIMARY METALS(33)	92.112	92.031	91.557	92.064	91.850	92.502
FABRICATED METAL(34)	97.218	97.283	97.300	97.398	97.415	97.376
NON-ELEC MACHINE(35)	90.877	89.588	90.574	90.260	89.578	89.050
ELECT. EQUIPMENT(36)	98.940	98.918	98.987	99.065	99.082	99.065
MOTOR VEH.(371)	99.661	99.475	99.531	99.529	99.732	99.714
REST TRANS. EQUIP.	95.965	95.760	96.081	96.116	96.155	96.146
INSTRUMENTS(38)	99.376	99.286	99.306	99.351	99.392	99.355
MISC. MANUF.(39)	99.488	99.453	99.393	99.425	99.395	99.359
FOOD(20)	96.633	96.409	96.909	97.232	97.209	97.311
TOBACCO MANUF(21)	23.487	59.142	70.009	74.967	75.327	76.123
TEXTILES(22)	94.651	94.466	94.904	94.285	94.320	94.228
APPAREL(23)	97.186	96.980	97.171	97.364	97.300	97.211
PAPER(26)	95.376	95.179	95.588	96.237	96.406	96.418
PRINTING(27)	32.609	33.138	41.656	44.679	44.761	43.965
CHEMICALS(28)	87.423	89.512	90.677	92.325	92.802	93.228
PETRO PROD(29)	96.007	96.550	96.784	96.419	95.971	95.306
RUBBER(30)	81.878	79.766	81.094	77.947	76.473	77.754
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	60.071	28.527	56.195	39.139	3.095	7.488
CONSTRUCTION	25.251	23.951	10.141	11.322	12.277	13.618
RAILROAD(40)	33.225	23.145	37.933	38.643	40.062	38.047
TRUCKING(42)	42.315	44.944	44.875	41.946	43.370	43.129
LOCAL/INTERURBAN(41)	3.078	25.231	39.144	44.704	46.651	41.982
AIR TRANSP.(45)	3.091	25.686	59.153	63.109	60.745	60.440
OTHER TRANSP.	3.094	43.149	61.822	64.649	66.436	67.813
COMMUNICATION(48)	25.956	26.561	27.640	27.593	27.363	26.798
PUBLIC UTILITIES(49)	34.837	39.220	40.206	35.988	35.332	34.941
BANKING(60)	21.467	24.319	28.575	26.979	28.776	27.323
INSURANCE(63+64)	84.994	85.842	85.903	85.929	86.067	86.161
CREDIT&FINANCE(61+62	2.558	17.401	23.980	24.699	26.727	27.265
REAL ESTATE(65,69)	17.727	35.612	29.827	26.688	32.015	30.896
EATING & DRINKING(58	31.077	35.945	36.513	34.804	32.842	33.206
REST OF RETAL(R52)	26.079	31.603	32.236	32.091	32.937	31.068
WHOLESALE	4.260	19.473	27.231	29.277	34.544	30.532
HOTELS(70)	91.348	91.578	90.962	89.559	89.049	90.080
PER. SERV. & REPR.	13.204	25.290	31.731	32.179	29.101	32.379
PRIVATE HOUSEHOLD	3.100	12.183	20.135	19.478	19.119	19.612
AUTO REP/SERV(75)	12.445	18.860	20.734	14.423	12.065	16.256
MISC. BUSI. SERV.(73	4.789	11.167	20.036	20.709	20.831	21.630
AMUSE.&RECREATION(79	4.664	9.785	23.123	26.548	28.307	26.245
MOTION PICTURES(78)	6.651	22.227	20.546	12.228	5.835	12.229
MEDICAL(80)	15.263	26.170	28.208	25.991	24.263	24.332
MISC. PROF. SERV.(81	10.921	13.829	21.008	19.716	16.502	18.904
EDUCTAION(82)	25.022	31.340	36.885	30.206	29.783	31.390
NON-PROFIT ORG.(83)	2.195	14.227	13.648	12.949	11.540	13.543
AGRI/FOR/FISH SERV.	34.196	40.188	33.792	33.271	23.912	25.973

THE HARTFORD FS-53 HISTORICAL DATA SET.

EMPLOYMENT AS PERCENT OF U.S.

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.108	.093	.074	.102	.107	.110
FURNITURE(25)	.192	.167	.182	.157	.144	.153
STONE,CLAY,ETC.(32)	.220	.221	.184	.180	.182	.176
PRIMARY METALS(33)	.341	.289	.244	.279	.262	.284
FABRICATED METAL(34)	1.791	1.616	1.377	1.494	1.474	1.461
NON-ELEC MACHINE(35)	1.887	1.441	1.309	1.298	1.177	1.124
ELECT. EQUIPMENT(36)	.551	.473	.447	.504	.501	.493
MOTOR VEH.(371)	.003	.002	.002	.002	.004	.003
REST TRANS. EQUIP.	3.630	2.997	3.300	3.501	3.434	3.430
INSTRUMENTS(38)	.758	.618	.529	.584	.623	.596
MISC. MANUF.(39)	.292	.250	.207	.223	.209	.201
FOOD(20)	.196	.169	.190	.219	.214	.226
TOBACCO MANUF(21)	.101	.175	.229	.285	.288	.304
TEXTILES(22)	.061	.052	.053	.049	.049	.048
APPAREL(23)	.210	.174	.176	.193	.186	.183
PAPER(26)	.237	.214	.239	.305	.322	.325
PRINTING(27)	.378	.375	.452	.502	.503	.500
CHEMICALS(28)	.126	.144	.155	.197	.207	.224
PETRO PROD(29)	.222	.251	.236	.205	.176	.149
RUBBER(30)	.327	.262	.260	.232	.213	.227
LEATHER(31)	.007	.005	.006	.005	.004	.004
MINING	.038	.022	.034	.024	.014	.014
CONSTRUCTION	.535	.523	.329	.340	.351	.369
RAILROAD(40)	.194	.154	.174	.185	.187	.185
TRUCKING(42)	.390	.386	.355	.349	.357	.359
LOCAL/INTERURBAN(41)	.359	.422	.505	.574	.590	.548
AIR TRANSP.(45)	.172	.203	.359	.418	.388	.389
OTHER TRANSP.	.079	.134	.207	.234	.242	.255
COMMUNICATION(48)	.283	.275	.268	.276	.276	.278
PUBLIC UTILITIES(49)	.451	.455	.459	.439	.432	.437
BANKING(60)	.586	.576	.578	.575	.589	.586
INSURANCE(63+64)	2.597	2.958	2.801	2.833	2.927	3.050
CREDIT&FINANCE(61+62	.262	.289	.303	.310	.318	.326
REAL ESTATE(65,69)	.236	.298	.264	.259	.279	.279
EATING & DRINKING(58	.500	.492	.479	.480	.464	.475
REST OF RETAL(R52)	.490	.478	.444	.451	.455	.453
WHOLESALE	.421	.455	.456	.482	.514	.490
HOTELS(70)	.360	.337	.306	.274	.259	.290
PER. SERV. & REPR.	.430	.467	.500	.520	.496	.532
PRIVATE HOUSEHOLD	.298	.291	.300	.301	.297	.304
AUTO REP/SERV(75)	.473	.485	.482	.464	.454	.485
MISC. BUSI. SERV.(73	.520	.540	.581	.601	.599	.609
AMUSE.&RECREATION(79	.351	.334	.375	.401	.408	.404
MOTION PICTURES(78)	.209	.231	.213	.193	.177	.194
MEDICAL(80)	.511	.537	.531	.523	.509	.520
MISC. PROF. SERV.(81	.408	.413	.421	.429	.414	.433
EDUCTAION(82)	.495	.486	.496	.456	.448	.467
NON-PROFIT ORG.(83)	.392	.408	.383	.387	.379	.396
AGRI/FOR/FISH SERV.	.269	.313	.287	.309	.267	.279

THE HARTFORD FS-53 HISTORICAL DATA SET.

DEMAND (IN BILLIONS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.06510	.09247	.12239	.16015	.16721	.16016
FURNITURE(25)	.04446	.06064	.06748	.08870	.09584	.09725
STONE,CLAY,ETC.(32)	.07457	.10297	.11821	.15945	.16804	.16430
PRIMARY METALS(33)	.46283	.52236	.72336	.98248	1.02824	.85805
FABRICATED METAL(34)	.25260	.29784	.40519	.55699	.58961	.56350
NON-ELEC MACHINE(35)	.42901	.48950	.69024	1.05757	1.12882	1.09247
ELECT. EQUIPMENT(36)	.28119	.31355	.41866	.64163	.68902	.72261
MOTOR VEH.(371)	.16128	.24276	.34327	.35772	.38947	.37134
REST TRANS. EQUIP.	.29723	.26232	.37576	.63824	.67891	.69778
INSTRUMENTS(38)	.05620	.07268	.11776	.18219	.20716	.22734
MISC. MANUF.(39)	.04768	.05937	.07852	.10040	.10552	.11023
FOOD(20)	.42015	.50460	.72849	.96482	1.01669	1.08997
TOBACCO MANUF(21)	.02837	.03619	.05320	.07983	.09276	.10206
TEXTILES(22)	.05384	.06627	.08439	.10342	.10632	.10143
APPAREL(23)	.09320	.10794	.14045	.17399	.18383	.18323
PAPER(26)	.08480	.11073	.17752	.25864	.28396	.29696
PRINTING(27)	.14313	.19322	.29897	.43632	.47813	.52116
CHEMICALS(28)	.15766	.20634	.32732	.46912	.50772	.55528
PETRO PROD(29)	.17859	.24256	.41050	.57630	.62952	.67584
RUBBER(30)	.06598	.09294	.14423	.19744	.21588	.21941
LEATHER(31)	.02230	.02237	.02494	.03041	.03336	.03262
MINING	.06084	.08949	.18461	.29364	.34277	.35111
CONSTRUCTION	.51400	.80670	.82526	1.18442	1.27447	1.30758
RAILROAD(40)	.04821	.05677	.07477	.10194	.10275	.09922
TRUCKING(42)	.08446	.13224	.19037	.25942	.27716	.27913
LOCAL/INTERURBAN(41)	.03638	.04135	.05406	.07082	.07414	.07870
AIR TRANSP.(45)	.04174	.06780	.10716	.16569	.17911	.18787
OTHER TRANSP.	.02193	.02838	.04907	.07714	.08509	.09078
COMMUNICATION(48)	.12259	.20822	.33715	.50365	.57787	.66101
PUBLIC UTILITIES(49)	.21337	.31884	.48798	.68728	.77640	.89423
BANKING(60)	.05832	.09532	.15264	.22607	.25707	.29606
INSURANCE(63+64)	.26527	.43132	.57230	.98176	1.11660	1.27584
CREDIT&FINANCE(61+62	.03204	.05038	.07610	.12646	.14711	.17214
REAL ESTATE(65,69)	.50987	.90328	1.22257	1.84200	2.01454	2.18058
EATING & DRINKING(58	.16705	.22535	.40342	.59597	.65416	.71387
REST OF RETAL(R52)	.36778	.50988	.68315	.89893	.95882	1.02479
WHOLESALE	.32377	.44583	.69266	1.02382	1.11783	1.19480
HOTELS(70)	.03019	.04432	.06434	.10262	.11540	.12603
PER. SERV. & REPR.	.08860	.09739	.13206	.18581	.20060	.21475
PRIVATE HOUSEHOLD	.02203	.02198	.02694	.03014	.03189	.03529
AUTO REP/SERV(75)	.07174	.11168	.18233	.27073	.29450	.32282
MISC. BUSI. SERV.(73	.12258	.19237	.35091	.61718	.71463	.79837
AMUSE.&RECREATION(79	.02339	.03126	.05076	.07417	.08122	.09090
MOTION PICTURES(78)	.01416	.01630	.02497	.03596	.03931	.04228
MEDICAL(80)	.10187	.21574	.42192	.64634	.74731	.87286
MISC. PROF. SERV.(81	.07567	.13114	.21504	.36737	.42964	.48963
EDUCTAION(82)	.04036	.07072	.09296	.12707	.13973	.15365
NON-PROFIT ORG.(83)	.05857	.08199	.11681	.15965	.17054	.18818
AGRI/FOR/FISH SERV.	.01082	.01936	.03294	.05506	.06033	.06490

THE HARTFORD FS-53 HISTORICAL DATA SET.

SELF SUPPLY: LOCAL PRODUCTION FOR LOCAL USE

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.01121	.01592	.02107	.02757	.02878	.02757
FURNITURE(25)	.00006	.00008	.00009	.00011	.00012	.00013
STONE,CLAY,ETC.(32)	.03071	.04241	.04869	.06568	.06921	.06767
PRIMARY METALS(33)	.01228	.01386	.01920	.02608	.02729	.02278
FABRICATED METAL(34)	.01888	.02226	.03029	.04163	.04407	.04212
NON-ELEC MACHINE(35)	.09076	.10355	.14602	.22373	.23880	.23111
ELECT. EQUIPMENT(36)	.00250	.00279	.00373	.00571	.00613	.00643
MOTOR VEH.(371)	.00000	.00001	.00001	.00001	.00001	.00001
REST TRANS. EQUIP.	.05095	.04497	.06442	.10941	.11639	.11962
INSTRUMENTS(38)	.00046	.00059	.00096	.00149	.00169	.00186
MISC. MANUF.(39)	.00015	.00019	.00025	.00032	.00034	.00035
FOOD(20)	.00636	.00763	.01102	.01459	.01538	.01649
TOBACCO MANUF(21)	.00432	.00551	.00810	.01215	.01412	.01553
TEXTILES(22)	.00088	.00108	.00138	.00169	.00173	.00165
APPAREL(23)	.00121	.00140	.00183	.00226	.00239	.00238
PAPER(26)	.00240	.00313	.00502	.00731	.00802	.00839
PRINTING(27)	.08449	.11407	.17650	.25758	.28227	.30767
CHEMICALS(28)	.00649	.00850	.01348	.01932	.02091	.02286
PETRO PROD(29)	.00254	.00345	.00585	.00821	.00897	.00963
RUBBER(30)	.00801	.01128	.01751	.02397	.02621	.02664
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	.00406	.00597	.01232	.01960	.02288	.02344
CONSTRUCTION	.47128	.73966	.75667	1.08598	1.16854	1.19891
RAILROAD(40)	.01575	.01855	.02443	.03331	.03358	.03242
TRUCKING(42)	.04392	.06877	.09900	.13491	.14414	.14516
LOCAL/INTERURBAN(41)	.01685	.01915	.02504	.03280	.03434	.03645
AIR TRANSP.(45)	.01105	.01794	.02836	.04385	.04741	.04973
OTHER TRANSP.	.00593	.00767	.01326	.02085	.02299	.02453
COMMUNICATION(48)	.04948	.08404	.13607	.20327	.23322	.26678
PUBLIC UTILITIES(49)	.15127	.22604	.34596	.48725	.55043	.63397
BANKING(60)	.05574	.09112	.14591	.21609	.24573	.28300
INSURANCE(63+64)	.09286	.15099	.23535	.34369	.39089	.44664
CREDIT&FINANCE(61+62	.01670	.02627	.03968	.06594	.07670	.08976
REAL ESTATE(65,69)	.22707	.40227	.54446	.82032	.89716	.97111
EATING & DRINKING(58	.10830	.14609	.26154	.38637	.42409	.46281
REST OF RETAL(R52)	.28122	.38988	.52237	.68736	.73315	.78360
WHOLESALE	.26327	.36252	.56322	.83250	.90894	.97152
HOTELS(70)	.00177	.00260	.00377	.00601	.00676	.00738
PER. SERV. & REPR.	.07196	.07910	.10725	.15090	.16292	.17441
PRIVATE HOUSEHOLD	.01227	.01225	.01501	.01679	.01777	.01965
AUTO REP/SERV(75)	.06827	.10629	.17352	.25764	.28026	.30722
MISC. BUSI. SERV.(73	.11776	.18481	.33712	.59293	.68655	.76700
AMUSE.&RECREATION(79	.01658	.02217	.03600	.05260	.05760	.06446
MOTION PICTURES(78)	.00569	.00655	.01003	.01445	.01580	.01700
MEDICAL(80)	.09774	.20699	.40481	.62013	.71700	.83746
MISC. PROF. SERV.(81	.05942	.10298	.16886	.28848	.33738	.38449
EDUCTAION(82)	.02503	.04385	.05765	.07880	.08665	.09528
NON-PROFIT ORG.(83)	.04158	.05821	.08293	.11334	.12107	.13360
AGRI/FOR/FISH SERV.	.00833	.01490	.02535	.04237	.04643	.04995

THE HARTFORD FS-53 HISTORICAL DATA SET.

IMPORTS: IMPLICIT PURCHASE OUTSIDE OF AREA FOR LOCAL USE

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.05389	.07655	.10132	.13258	.13842	.13259
FURNITURE(25)	.04440	.06056	.06739	.08859	.09572	.09713
STONE,CLAY,ETC.(32)	.04385	.06056	.06952	.09378	.09883	.09663
PRIMARY METALS(33)	.45055	.50849	.70416	.95640	1.00094	.83528
FABRICATED METAL(34)	.23372	.27558	.37490	.51536	.54554	.52138
NON-ELEC MACHINE(35)	.33825	.38594	.54422	.83384	.89002	.86136
ELECT. EQUIPMENT(36)	.27868	.31076	.41493	.63592	.68289	.71618
MOTOR VEH.(371)	.16127	.24275	.34326	.35771	.38946	.37133
REST TRANS. EQUIP.	.24628	.21735	.31135	.52883	.56252	.57816
INSTRUMENTS(38)	.05574	.07208	.11680	.18070	.20546	.22548
MISC. MANUF.(39)	.04753	.05917	.07827	.10008	.10518	.10988
FOOD(20)	.41380	.49697	.71747	.95023	1.00131	1.07348
TOBACCO MANUF(21)	.02405	.03068	.04510	.06768	.07864	.08653
TEXTILES(22)	.05296	.06518	.08301	.10174	.10459	.09977
APPAREL(23)	.09199	.10654	.13862	.17173	.18144	.18085
PAPER(26)	.08241	.10760	.17250	.25133	.27594	.28857
PRINTING(27)	.05863	.07915	.12247	.17874	.19586	.21349
CHEMICALS(28)	.15117	.19785	.31384	.44981	.48681	.53242
PETRO PROD(29)	.17604	.23911	.40466	.56809	.62056	.66622
RUBBER(30)	.05797	.08166	.12672	.17347	.18967	.19278
LEATHER(31)	.02230	.02237	.02494	.03041	.03336	.03262
MINING	.05678	.08352	.17229	.27404	.31989	.32767
CONSTRUCTION	.04272	.06705	.06859	.09844	.10592	.10868
RAILROAD(40)	.03246	.03822	.05034	.06863	.06918	.06680
TRUCKING(42)	.04054	.06347	.09137	.12451	.13302	.13397
LOCAL/INTERURBAN(41)	.01953	.02220	.02902	.03802	.03980	.04225
AIR TRANSP.(45)	.03069	.04985	.07879	.12183	.13170	.13815
OTHER TRANSP.	.01600	.02071	.03581	.05629	.06209	.06625
COMMUNICATION(48)	.07312	.12419	.20108	.30038	.34464	.39423
PUBLIC UTILITIES(49)	.06210	.09280	.14203	.20003	.22597	.26027
BANKING(60)	.00257	.00421	.00674	.00998	.01134	.01307
INSURANCE(63+64)	.17241	.28032	.43694	.63807	.72571	.82920
CREDIT&FINANCE(61+62	.01533	.02411	.03642	.06052	.07040	.08238
REAL ESTATE(65,69)	.28280	.50101	.67810	1.02168	1.11738	1.20947
EATING & DRINKING(58	.05875	.07925	.14188	.20960	.23007	.25107
REST OF RETAL(R52)	.08656	.12000	.16078	.21157	.22566	.24119
WHOLESALE	.06050	.08331	.12944	.19132	.20889	.22327
HOTELS(70)	.02842	.04173	.06057	.09661	.10864	.11865
PER. SERV. & REPR.	.01664	.01830	.02481	.03490	.03768	.04034
PRIVATE HOUSEHOLD	.00976	.00974	.01193	.01335	.01412	.01563
AUTO REP/SERV(75)	.00347	.00540	.00881	.01308	.01423	.01560
MISC. BUSI. SERV.(73	.00482	.00756	.01379	.02425	.02808	.03137
AMUSE.&RECREATION(79	.00680	.00909	.01476	.02157	.02363	.02644
MOTION PICTURES(78)	.00847	.00975	.01493	.02151	.02351	.02529
MEDICAL(80)	.00413	.00875	.01711	.02621	.03031	.03540
MISC. PROF. SERV.(81	.01625	.02816	.04618	.07889	.09226	.10514
EDUCTAION(82)	.01533	.02686	.03531	.04827	.05308	.05836
NON-PROFIT ORG.(83)	.01699	.02378	.03388	.04631	.04947	.05459
AGRI/FOR/FISH SERV.	.00249	.00446	.00759	.01269	.01390	.01495

THE HARTFORD FS-53 HISTORICAL DATA SET.

OUTPUT (SUPPLY-BILLIONS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.01766	.02304	.03203	.05285	.05673	.05417
FURNITURE(25)	.01636	.02126	.03082	.03420	.03391	.03558
STONE,CLAY,ETC.(32)	.03169	.04695	.05861	.07445	.07897	.07274
PRIMARY METALS(33)	.15575	.17398	.22741	.32859	.33486	.30377
FABRICATED METAL(34)	.67861	.81938	1.12166	1.59988	1.70461	1.60517
NON-ELEC MACHINE(35)	.99483	.99451	1.54911	2.29709	2.29136	2.11068
ELECT. EQUIPMENT(36)	.23605	.25783	.36777	.61049	.66772	.68813
MOTOR VEH.(371)	.00138	.00134	.00212	.00220	.00421	.00376
REST TRANS. EQUIP.	1.26296	1.06055	1.64368	2.81728	3.02670	3.10418
INSTRUMENTS(38)	.07368	.08325	.13872	.22964	.27833	.28808
MISC. MANUF.(39)	.02987	.03475	.04144	.05595	.05590	.05515
FOOD(20)	.18873	.21257	.35646	.52729	.55104	.61310
TOBACCO MANUF(21)	.00564	.01348	.02699	.04853	.05721	.06504
TEXTILES(22)	.01642	.01953	.02701	.02952	.03053	.02866
APPAREL(23)	.04309	.04650	.06457	.08586	.08856	.08547
PAPER(26)	.05183	.06491	.11371	.19423	.22331	.23427
PRINTING(27)	.12538	.17061	.30251	.46561	.51099	.54906
CHEMICALS(28)	.05162	.08101	.14457	.25167	.29042	.33763
PETRO PROD(29)	.06369	.10012	.18181	.22917	.22254	.20508
RUBBER(30)	.04420	.05576	.09262	.10869	.11140	.11974
LEATHER(31)	.00035	.00032	.00042	.00040	.00040	.00033
MINING	.01017	.00836	.02813	.03221	.02361	.02533
CONSTRUCTION	.63048	.97261	.84206	1.22463	1.33209	1.38792
RAILROAD(40)	.02359	.02414	.03937	.05429	.05602	.05234
TRUCKING(42)	.07614	.12491	.17959	.23238	.25452	.25525
LOCAL/INTERURBAN(41)	.01739	.02561	.04114	.05932	.06437	.06282
AIR TRANSP.(45)	.01140	.02415	.06943	.11887	.12076	.12570
OTHER TRANSP.	.00612	.01349	.03473	.05897	.06851	.07622
COMMUNICATION(48)	.06682	.11443	.18804	.28073	.32108	.36444
PUBLIC UTILITIES(49)	.23213	.37190	.57858	.76118	.85116	.97445
BANKING(60)	.07098	.12039	.20428	.29593	.34501	.38939
INSURANCE(63+64)	.61885	1.06647	1.66955	2.44246	2.80545	3.22735
CREDIT&FINANCE(61+62	.01714	.03180	.05220	.08756	.10468	.12340
REAL ESTATE(65,69)	.27599	.62475	.77589	1.11894	1.31966	1.40527
EATING & DRINKING(58	.15713	.22807	.41196	.59262	.63148	.69289
REST OF RETAL(R52)	.38044	.57002	.77086	1.01218	1.09322	1.13678
WHOLESALE	.27499	.45018	.77399	1.17714	1.38864	1.39852
HOTELS(70)	.02043	.03081	.04168	.05755	.06170	.07438
PER. SERV. & REPR.	.08290	.10587	.15710	.22250	.22979	.25792
PRIVATE HOUSEHOLD	.01267	.01395	.01879	.02085	.02197	.02446
AUTO REP/SERV(75)	.07798	.13099	.21891	.30107	.31872	.36686
MISC. BUSI. SERV.(73	.12369	.20804	.42159	.74780	.86720	.97869
AMUSE.&RECREATION(79	.01739	.02457	.04682	.07161	.08034	.08740
MOTION PICTURES(78)	.00610	.00842	.01263	.01647	.01678	.01936
MEDICAL(80)	.11534	.28036	.56386	.83791	.94669	1.10675
MISC. PROF. SERV.(81	.06670	.11951	.21377	.35933	.40406	.47411
EDUCTAION(82)	.03338	.06387	.09134	.11291	.12341	.13887
NON-PROFIT ORG.(83)	.04251	.06786	.09603	.13020	.13687	.15453
AGRI/FOR/FISH SERV.	.01266	.02491	.03829	.06350	.06103	.06747

THE HARTFORD FS-53 HISTORICAL DATA SET.

SUPPLY/DEMAND RATIO

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.27133	.24914	.26169	.33000	.33929	.33822
FURNITURE(25)	.36802	.35066	.45669	.38557	.35383	.36590
STONE,CLAY,ETC.(32)	.42502	.45593	.49577	.46690	.46994	.44274
PRIMARY METALS(33)	.33650	.33307	.31438	.33445	.32566	.35402
FABRICATED METAL(34)	2.68644	2.75106	2.76825	2.87235	2.89107	2.84857
NON-ELEC MACHINE(35)	2.31890	2.03170	2.24428	2.17204	2.02987	1.93203
ELECT. EQUIPMENT(36)	.83947	.82230	.87843	.95147	.96907	.95229
MOTOR VEH.(371)	.00856	.00552	.00618	.00616	.01081	.01013
REST TRANS. EQUIP.	4.24908	4.04296	4.37424	4.41413	4.45820	4.44865
INSTRUMENTS(38)	1.31104	1.14547	1.17800	1.26045	1.34354	1.26719
MISC. MANUF.(39)	.62637	.58540	.52775	.55731	.52979	.50034
FOOD(20)	.44920	.42126	.48931	.54652	.54200	.56249
TOBACCO MANUF(21)	.19888	.37245	.50740	.60789	.61677	.63731
TEXTILES(22)	.30491	.29472	.32006	.28541	.28716	.28257
APPAREL(23)	.46231	.43078	.45975	.49346	.48176	.46645
PAPER(26)	.61122	.58618	.64054	.75094	.78641	.78890
PRINTING(27)	.87602	.88294	1.01184	1.06713	1.06872	1.05354
CHEMICALS(28)	.32739	.39260	.44167	.53648	.57201	.60804
PETRO PROD(29)	.35665	.41276	.44290	.39766	.35350	.30344
RUBBER(30)	.66992	.60002	.64216	.55051	.51603	.54574
LEATHER(31)	.01571	.01449	.01671	.01318	.01186	.01015
MINING	.16718	.09340	.15239	.10968	.06889	.07216
CONSTRUCTION	1.22662	1.20565	1.02036	1.03395	1.04521	1.06144
RAILROAD(40)	.48937	.42518	.52649	.53258	.54519	.52745
TRUCKING(42)	.90152	.94458	.94339	.89580	.91832	.91443
LOCAL/INTERURBAN(41)	.47787	.61945	.76108	.83760	.86818	.79830
AIR TRANSP.(45)	.27312	.35617	.64798	.71746	.67426	.66905
OTHER TRANSP.	.27887	.47536	.70785	.76446	.80517	.83960
COMMUNICATION(48)	.54507	.54956	.55775	.55739	.55563	.55134
PUBLIC UTILITIES(49)	1.08796	1.16643	1.18566	1.10752	1.09629	1.08971
BANKING(60)	1.21716	1.26302	1.33828	1.30903	1.34205	1.31522
INSURANCE(63+64)	2.33290	2.47258	2.48335	2.48782	2.51249	2.52959
CREDIT&FINANCE(61+62	.53510	.63126	.68589	.69244	.71160	.71686
REAL ESTATE(65,69)	.54130	.69165	.63464	.60746	.65507	.64445
EATING & DRINKING(58	.94062	1.01210	1.02116	.99438	.96534	.97060
REST OF RETAL(R52)	1.03441	1.11795	1.12840	1.12598	1.14018	1.10928
WHOLESALE	.84931	1.00976	1.11741	1.14974	1.24226	1.17051
HOTELS(70)	.67673	.69521	.64785	.56076	.53465	.59020
PER. SERV. & REPR.	.93570	1.08707	1.18964	1.19749	1.14550	1.20103
PRIVATE HOUSEHOLD	.57499	.63446	.69763	.69194	.68887	.69310
AUTO REP/SERV(75)	1.08695	1.17288	1.20061	1.11207	1.08226	1.13642
MISC. BUSI. SERV.(73	1.00903	1.08148	1.20143	1.21163	1.21349	1.22585
AMUSE.&RECREATION(79	.74382	.78604	.92243	.96543	.98912	.96146
MOTION PICTURES(78)	.43059	.51683	.50590	.45795	.42686	.45796
MEDICAL(80)	1.13226	1.29953	1.33641	1.29639	1.26680	1.26796
MISC. PROF. SERV.(81	.88153	.91129	.99410	.97810	.94046	.96830
EDUCTAION(82)	.82709	.90320	.98256	.88853	.88318	.90386
NON-PROFIT ORG.(83)	.72586	.82769	.82214	.81554	.80255	.82114
AGRI/FOR/FISH SERV.	1.16952	1.28669	1.16239	1.15332	1.01146	1.03962

THE HARTFORD FS-53 HISTORICAL DATA SET.

PERCENT SHIPPED WITHIN AREA: SS/SUPPLY

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.63447	.69096	.65783	.52166	.50738	.50897
FURNITURE(25)	.00350	.00367	.00282	.00334	.00364	.00352
STONE,CLAY,ETC.(32)	.96908	.90338	.83079	.88215	.87646	.93030
PRIMARY METALS(33)	.07888	.07969	.08443	.07936	.08150	.07498
FABRICATED METAL(34)	.02782	.02717	.02700	.02602	.02585	.02624
NON-ELEC MACHINE(35)	.09123	.10412	.09426	.09740	.10422	.10950
ELECT. EQUIPMENT(36)	.01060	.01082	.01013	.00935	.00918	.00935
MOTOR VEH.(371)	.00339	.00525	.00469	.00471	.00268	.00286
REST TRANS. EQUIP.	.04035	.04240	.03919	.03884	.03845	.03854
INSTRUMENTS(38)	.00624	.00714	.00694	.00649	.00608	.00645
MISC. MANUF.(39)	.00512	.00547	.00607	.00575	.00605	.00641
FOOD(20)	.03367	.03591	.03091	.02768	.02791	.02689
TOBACCO MANUF(21)	.76513	.40858	.29991	.25033	.24673	.23877
TEXTILES(22)	.05349	.05534	.05096	.05715	.05680	.05772
APPAREL(23)	.02814	.03020	.02829	.02636	.02700	.02789
PAPER(26)	.04624	.04821	.04412	.03763	.03594	.03582
PRINTING(27)	.67391	.66862	.58344	.55321	.55239	.56035
CHEMICALS(28)	.12577	.10488	.09323	.07675	.07198	.06772
PETRO PROD(29)	.03993	.03450	.03216	.03581	.04029	.04694
RUBBER(30)	.18122	.20234	.18906	.22053	.23527	.22246
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	.39929	.71473	.43805	.60861	.96905	.92512
CONSTRUCTION	.74749	.76049	.89859	.88678	.87723	.86382
RAILROAD(40)	.66775	.76855	.62067	.61357	.59938	.61953
TRUCKING(42)	.57685	.55056	.55125	.58054	.56630	.56871
LOCAL/INTERURBAN(41)	.96922	.74769	.60856	.55296	.53349	.58018
AIR TRANSP.(45)	.96909	.74314	.40847	.36891	.39255	.39560
OTHER TRANSP.	.96906	.56851	.38178	.35351	.33564	.32187
COMMUNICATION(48)	.74044	.73439	.72360	.72407	.72637	.73202
PUBLIC UTILITIES(49)	.65163	.60780	.59794	.64012	.64668	.65059
BANKING(60)	.78533	.75681	.71425	.73021	.71224	.72677
INSURANCE(63+64)	.15006	.14158	.14097	.14071	.13933	.13839
CREDIT&FINANCE(61+62	.97442	.82599	.76020	.75301	.73273	.72735
REAL ESTATE(65,69)	.82273	.64388	.70173	.73312	.67985	.69104
EATING & DRINKING(58	.68923	.64055	.63487	.65196	.67158	.66794
REST OF RETAL(R52)	.73921	.68397	.67764	.67909	.67063	.68932
WHOLESALE	.95740	.80527	.72769	.70723	.65456	.69468
HOTELS(70)	.08652	.08422	.09038	.10441	.10951	.09920
PER. SERV. & REPR.	.86796	.74710	.68269	.67821	.70899	.67621
PRIVATE HOUSEHOLD	.96900	.87817	.79865	.80522	.80881	.80388
AUTO REP/SERV(75)	.87555	.81140	.79266	.85577	.87935	.83744
MISC. BUSI. SERV.(73	.95211	.88833	.79964	.79291	.79169	.78370
AMUSE.&RECREATION(79	.95336	.90215	.76877	.73452	.71693	.73755
MOTION PICTURES(78)	.93349	.77773	.79454	.87773	.94165	.87771
MEDICAL(80)	.84737	.73830	.71792	.74009	.75737	.75668
MISC. PROF. SERV.(81	.89079	.86171	.78992	.80284	.83498	.81096
EDUCTAION(82)	.74978	.68660	.63115	.69794	.70217	.68610
NON-PROFIT ORG.(83)	.97805	.85773	.86352	.87051	.88460	.86457
AGRI/FOR/FISH SERV.	.65804	.59812	.66208	.66729	.76088	.74027

THE HARTFORD FS-53 HISTORICAL DATA SET.

REGIONAL PURCHASE COEFFICIENT: SS/DEMAND

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.17215	.17215	.17215	.17215	.17215	.17215
FURNITURE(25)	.00129	.00129	.00129	.00129	.00129	.00129
STONE,CLAY,ETC.(32)	.41188	.41188	.41188	.41188	.41188	.41188
PRIMARY METALS(33)	.02654	.02654	.02654	.02654	.02654	.02654
FABRICATED METAL(34)	.07474	.07474	.07474	.07474	.07474	.07474
NON-ELEC MACHINE(35)	.21155	.21155	.21155	.21155	.21155	.21155
ELECT. EQUIPMENT(36)	.00890	.00890	.00890	.00890	.00890	.00890
MOTOR VEH.(371)	.00003	.00003	.00003	.00003	.00003	.00003
REST TRANS. EQUIP.	.17143	.17143	.17143	.17143	.17143	.17143
INSTRUMENTS(38)	.00817	.00817	.00817	.00817	.00817	.00817
MISC. MANUF.(39)	.00320	.00320	.00320	.00320	.00320	.00320
FOOD(20)	.01513	.01513	.01513	.01513	.01513	.01513
TOBACCO MANUF(21)	.15217	.15217	.15217	.15217	.15217	.15217
TEXTILES(22)	.01631	.01631	.01631	.01631	.01631	.01631
APPAREL(23)	.01301	.01301	.01301	.01301	.01301	.01301
PAPER(26)	.02826	.02826	.02826	.02826	.02826	.02826
PRINTING(27)	.59035	.59035	.59035	.59035	.59035	.59035
CHEMICALS(28)	.04118	.04118	.04118	.04118	.04118	.04118
PETRO PROD(29)	.01424	.01424	.01424	.01424	.01424	.01424
RUBBER(30)	.12140	.12140	.12140	.12140	.12140	.12140
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	.06675	.06675	.06675	.06675	.06675	.06675
CONSTRUCTION	.91689	.91689	.91689	.91689	.91689	.91689
RAILROAD(40)	.32678	.32678	.32678	.32678	.32678	.32678
TRUCKING(42)	.52005	.52005	.52005	.52005	.52005	.52005
LOCAL/INTERURBAN(41)	.46316	.46316	.46316	.46316	.46316	.46316
AIR TRANSP.(45)	.26468	.26468	.26468	.26468	.26468	.26468
OTHER TRANSP.	.27024	.27024	.27024	.27024	.27024	.27024
COMMUNICATION(48)	.40359	.40359	.40359	.40359	.40359	.40359
PUBLIC UTILITIES(49)	.70895	.70895	.70895	.70895	.70895	.70895
BANKING(60)	.95587	.95587	.95587	.95587	.95587	.95587
INSURANCE(63+64)	.35007	.35007	.35007	.35007	.35007	.35007
CREDIT&FINANCE(61+62	.52141	.52141	.52141	.52141	.52141	.52141
REAL ESTATE(65,69)	.44534	.44534	.44534	.44534	.44534	.44534
EATING & DRINKING(58	.64830	.64830	.64830	.64830	.64830	.64830
REST OF RETAL(R52)	.76464	.76464	.76464	.76464	.76464	.76464
WHOLESALE	.81313	.81313	.81313	.81313	.81313	.81313
HOTELS(70)	.05855	.05855	.05855	.05855	.05855	.05855
PER. SERV. & REPR.	.81215	.81215	.81215	.81215	.81215	.81215
PRIVATE HOUSEHOLD	.55717	.55717	.55717	.55717	.55717	.55717
AUTO REP/SERV(75)	.95168	.95168	.95168	.95168	.95168	.95168
MISC. BUSI. SERV.(73	.96070	.96070	.96070	.96070	.96070	.96070
AMUSE.&RECREATION(79	.70913	.70913	.70913	.70913	.70913	.70913
MOTION PICTURES(78)	.40195	.40195	.40195	.40195	.40195	.40195
MEDICAL(80)	.95944	.95944	.95944	.95944	.95944	.95944
MISC. PROF. SERV.(81	.78526	.78526	.78526	.78526	.78526	.78526
EDUCTAION(82)	.62014	.62014	.62014	.62014	.62014	.62014
NON-PROFIT ORG.(83)	.70993	.70993	.70993	.70993	.70993	.70993
AGRI/FOR/FISH SERV.	.76960	.76960	.76960	.76960	.76960	.76960

THE HARTFORD FS-53 HISTORICAL DATA SET.

WAGE RATE (THOUSANDS OF DOLLARS)

	1967	1972	1977	1980	1981	1982
LUMBER(24)	6.604	8.489	10.559	13.403	14.407	15.511
FURNITURE(25)	5.960	8.118	11.062	14.670	16.399	17.089
STONE,CLAY,ETC.(32)	7.356	10.311	13.907	18.028	19.773	21.074
PRIMARY METALS(33)	7.979	10.753	15.700	19.837	22.985	23.222
FABRICATED METAL(34)	7.303	10.125	14.109	18.127	19.764	21.239
NON-ELEC MACHINE(35)	8.254	10.791	15.802	20.337	21.325	22.881
ELECT. EQUIPMENT(36)	6.781	9.257	13.299	17.115	19.196	21.212
MOTOR VEH.(371)	7.759	9.053	15.368	20.375	21.643	22.583
REST TRANS. EQUIP.	8.930	12.322	17.622	22.811	24.997	27.498
INSTRUMENTS(38)	7.480	9.975	13.724	18.010	21.379	23.257
MISC. MANUF.(39)	6.624	8.738	12.521	15.936	17.986	19.199
FOOD(20)	6.486	8.342	12.016	15.450	16.440	19.925
TOBACCO MANUF(21)	6.586	10.215	17.931	24.806	26.397	33.053
TEXTILES(22)	5.628	7.147	10.183	12.426	13.075	14.155
APPAREL(23)	4.379	5.566	7.599	9.435	10.373	11.376
PAPER(26)	7.072	9.329	15.333	21.766	22.800	25.483
PRINTING(27)	6.969	8.637	11.811	14.779	15.741	17.172
CHEMICALS(28)	8.143	10.932	16.525	21.779	24.807	28.856
PETRO PROD(29)	8.556	16.108	24.467	32.386	34.329	41.152
RUBBER(30)	6.837	8.511	12.286	15.706	16.980	18.612
LEATHER(31)	4.609	6.062	7.600	9.545	9.100	10.625
MINING	8.803	12.194	18.446	22.881	24.080	26.025
CONSTRUCTION	8.744	12.257	14.294	18.067	19.689	21.195
RAILROAD(40)	8.199	11.998	18.240	24.129	25.729	27.497
TRUCKING(42)	7.706	10.662	14.786	18.679	20.264	20.983
LOCAL/INTERURBAN(41)	4.241	5.201	7.011	8.589	9.315	10.573
AIR TRANSP.(45)	7.217	10.241	13.758	16.320	18.620	20.208
OTHER TRANSP.	5.927	9.369	12.313	16.293	17.717	18.804
COMMUNICATION(48)	7.273	10.224	16.374	20.213	21.992	24.129
PUBLIC UTILITIES(49)	8.542	11.852	16.515	21.665	23.421	26.052
BANKING(60)	5.411	7.550	9.613	12.404	13.498	15.034
INSURANCE(63+64)	6.200	8.606	13.142	17.634	19.706	21.938
CREDIT&FINANCE(61+62	7.250	10.553	15.060	22.098	24.949	27.558
REAL ESTATE(65,69)	5.767	6.841	8.933	12.128	13.180	14.736
EATING & DRINKING(58	3.655	3.962	5.029	6.075	6.556	6.951
REST OF RETAL(R52)	4.937	6.052	7.790	9.658	10.212	10.431
WHOLESALE	7.959	10.415	14.735	19.640	20.952	22.948
HOTELS(70)	4.312	5.078	6.467	8.870	9.289	9.613
PER. SERV. & REPR.	5.887	6.349	7.701	9.787	10.694	10.912
PRIVATE HOUSEHOLD	2.933	3.665	5.142	6.835	7.318	7.677
AUTO REP/SERV(75)	6.114	7.638	9.472	11.934	12.865	13.702
MISC. BUSI. SERV.(73	5.379	7.056	9.361	13.057	13.765	15.322
AMUSE.&RECREATION(79	5.059	5.695	7.414	8.852	9.780	10.316
MOTION PICTURES(78)	2.993	3.928	5.085	7.614	8.148	9.111
MEDICAL(80)	5.707	7.631	10.322	12.847	14.094	15.481
MISC. PROF. SERV.(81	9.248	10.370	14.217	18.977	21.007	22.477
EDUCTAION(82)	5.181	8.211	8.917	10.616	11.460	12.347
NON-PROFIT ORG.(83)	4.233	5.612	6.565	7.975	8.571	9.276
AGRI/FOR/FISH SERV.	6.039	6.265	7.100	9.491	9.980	11.083

THE HARTFORD FS-53 HISTORICAL DATA SET.

INDUSTRIAL MIX INDEX

	1967	1972	1977	1980	1981	1982
LUMBER(24)	.96001	1.03671	1.00000	.99388	1.01009	1.01474
FURNITURE(25)	.98775	.97299	1.00000	1.04887	1.05887	1.08730
STONE,CLAY,ETC.(32)	.99150	.99603	1.00000	1.01763	1.01826	1.01740
PRIMARY METALS(33)	.97396	.99842	1.00000	.99674	.99396	1.00823
FABRICATED METAL(34)	1.08025	1.00896	1.00000	.98840	.99611	.99524
NON-ELEC MACHINE(35)	1.06493	1.01481	1.00000	.99577	.98923	.97918
ELECT. EQUIPMENT(36)	.97772	.99139	1.00000	1.01487	1.01212	.99260
MOTOR VEH.(371)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REST TRANS. EQUIP.	1.26679	1.00546	1.00000	1.14420	1.13844	1.13406
INSTRUMENTS(38)	1.08106	1.02325	1.00000	.98376	.99307	.97763
MISC. MANUF.(39)	1.02932	1.00858	1.00000	1.01009	1.00666	1.00616
FOOD(20)	1.14140	1.05653	1.00000	.97675	.97547	.98250
TOBACCO MANUF(21)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TEXTILES(22)	1.03758	.99278	1.00000	.99909	.99257	.98502
APPAREL(23)	.98377	.98879	1.00000	1.00288	1.00445	1.00486
PAPER(26)	.99327	.99115	1.00000	1.00320	1.00508	1.00849
PRINTING(27)	1.00275	1.01044	1.00000	1.00403	1.00080	1.00044
CHEMICALS(28)	1.21668	1.08383	1.00000	1.00404	.99791	.98502
PETRO PROD(29)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
RUBBER(30)	.84816	.92884	1.00000	1.06097	1.08143	1.08679
LEATHER(31)	1.00555	1.00666	1.00000	1.01040	1.00704	1.00554
MINING	1.12330	1.06034	1.00000	1.05724	1.12047	1.15064
CONSTRUCTION	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
RAILROAD(40)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TRUCKING(42)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
LOCAL/INTERURBAN(41)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AIR TRANSP.(45)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
OTHER TRANSP.	.71782	.85556	1.00000	1.09699	1.10934	1.16081
COMMUNICATION(48)	.99152	.99172	1.00000	1.00221	1.00321	1.00558
PUBLIC UTILITIES(49)	.94376	.97729	1.00000	1.02858	1.03090	1.03471
BANKING(60)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
INSURANCE(63+64)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
CREDIT&FINANCE(61+62	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REAL ESTATE(65,69)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
EATING & DRINKING(58	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REST OF RETAL(R52)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
WHOLESALE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
HOTELS(70)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
PER. SERV. & REPR.	.99945	.99941	1.00000	.99929	.99853	.99858
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MISC. BUSI. SERV.(73	.98985	.99572	1.00000	1.00175	1.00245	1.00220
AMUSE.&RECREATION(79	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MOTION PICTURES(78)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MEDICAL(80)	.98564	.99593	1.00000	1.00238	1.00277	1.00266
MISC. PROF. SERV.(81	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
EDUCTAION(82)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
NON-PROFIT ORG.(83)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AGRI/FOR/FISH SERV.	.99093	1.01706	1.00000	1.02418	1.02811	1.03876

THE HARTFORD FS-53 HISTORICAL DATA SET.

EMPLOYMENT BY OCCUPATION

	1967	1972	1977	1980	1981	1982
AERONAUT. ENGINEERS	1.951	1.251	1.263	1.588	1.554	1.459
CHEMICAL ENGINEERS	.151	.141	.152	.182	.182	.178
CIVIL ENGINEERS	.660	.733	.730	.814	.809	.806
ELEC. ENGINEERS	1.882	1.525	1.571	1.907	1.882	1.800
IND. ENGINEERS	1.532	1.254	1.302	1.547	1.521	1.445
MECH. ENGINEERS	1.828	1.383	1.422	1.691	1.633	1.515
METAL & MTRLS ENGNRS	.151	.114	.112	.132	.128	.118
MINING-PETRO ENGNRS	.022	.022	.027	.028	.027	.026
SALES & NEC ENGNRS	1.039	.911	.973	1.143	1.127	1.067
COMPUTER PROGRAMMERS	1.549	1.500	1.674	1.969	1.976	1.944
COMPUTER ANALYSTS	1.024	.957	1.064	1.254	1.248	1.214
CMPTR SPCLSTS & NEC	.212	.191	.212	.252	.252	.243
HEALTH TECHNOLOGISTS	.920	1.371	1.802	2.067	2.119	2.244
NURSES, THERPSTS,...	2.299	3.371	4.372	4.960	5.071	5.365
PHYS. ,DENT.,...	1.467	2.075	2.583	2.930	2.988	3.136
AGRI BIO TECHNICIANS	.100	.108	.121	.141	.139	.142
CHEMICAL TECHNICIANS	.185	.189	.208	.247	.249	.247
DRAFTSMEN	2.024	1.738	1.811	2.124	2.078	1.975
ELECTRCL TECHNICIANS	1.260	1.024	1.060	1.284	1.261	1.199
INDUST ENGNR TECHNCS	.259	.192	.196	.235	.229	.213
MECH. ENG. TECH.	.168	.119	.121	.146	.141	.130
MATH TECHNICIANS	.006	.006	.007	.008	.008	.008
NEC TECHNICIANS	1.475	1.344	1.419	1.663	1.649	1.600
PRE K, K-6 TEACHERS	1.170	1.378	1.623	1.737	1.741	1.790
7-12 TEACHERS	1.394	1.608	1.886	2.038	2.043	2.088
EDITORS + REPORTERS	.653	.673	.812	.978	.990	.993
PUBLIC RELATIONS	.526	.592	.683	.788	.801	.807
NEC WRITERS & ARTSTS	3.024	3.068	3.511	4.156	4.149	4.188
RELIGIOUS WORDERS	1.046	1.239	1.338	1.451	1.423	1.484
SOCIAL SCIENTISTS	1.074	1.177	1.359	1.549	1.557	1.557
SOC & REC WORKERS	2.148	2.630	2.973	3.164	3.134	3.202
POST-SEC TEACHERS	.411	.485	.573	.614	.616	.633
ACCOUNTANTS	4.717	5.027	5.569	6.398	6.438	6.436
AIRLINE TECHNICIANS	.281	.298	.390	.493	.465	.458
ARCHITECTS	.164	.194	.227	.281	.282	.295
FARM AND ENVIRONMENT	.194	.242	.274	.309	.297	.303
LAWYERS AND JUDGES	2.023	2.509	2.891	3.257	3.276	3.360
LIBRARIANS	.224	.256	.292	.319	.318	.324
BIO & PHYS SCIENTSTS	.827	.872	.983	1.141	1.135	1.137
MATH SPECIALISTS	.319	.357	.389	.448	.459	.471
SYSTEMS ANALYSTS	1.052	.866	.908	1.078	1.065	1.020
LABOR RELATION WRKRS	2.114	2.337	2.724	3.154	3.191	3.189
NEC RSRCH WRKRS	.335	.369	.429	.500	.504	.509
NEC TECHNCS & ENGNRS	.684	.775	.868	.929	.923	.913
VOCATNL & ED CNSLRS	.246	.298	.347	.371	.370	.376

THE HARTFORD FS-53 HISTORICAL DATA SET.

EMPLOYMENT BY OCCUPATION
(CONTINUED)

	1967	1972	1977	1980	1981	1982
FINANCIAL MANAGERS	1.938	2.352	2.805	3.274	3.458	3.507
FARM PRODUCTS MANGRS	.073	.086	.104	.122	.132	.125
WHOLSL & RETL BUYERS	.576	.662	.709	.788	.820	.795
HEALTH ADMINISTRATRS	.317	.497	.663	.760	.780	.831
INSPECTORS	1.008	1.239	1.387	1.428	1.404	1.392
NEC PUBLC ADMNSTRTRS	2.709	3.332	3.728	3.836	3.772	3.741
RAILROAD CONDUCTORS	.096	.063	.065	.067	.065	.055
RESTAURANT MANAGERS	1.534	1.860	2.520	2.931	2.912	3.023
SALES MANAGERS	2.856	3.036	3.221	3.637	3.721	3.641
COLLEGE ADMNSTRTRS	.040	.047	.055	.059	.059	.061
1-12 SCHOOL ADMINS	.194	.228	.270	.289	.290	.298
NEC ADMINISTRATORS	28.914	30.152	31.414	35.858	36.394	35.936
SALES & ADVERT AGNTS	.285	.328	.419	.527	.545	.555
INSURANCE AGENTS	10.863	13.661	14.823	16.930	17.798	18.747
REAL ESTATE AGENTS	.685	1.115	1.074	1.206	1.308	1.304
STOCK & BOND BROKRS	.210	.281	.334	.409	.443	.467
NEC SALES WORKERS	15.992	17.499	18.332	20.337	20.814	20.271
INSURANCE ADJUSTERS	3.133	3.939	4.282	4.889	5.137	5.407
INFO PROCESS WRKRS	4.432	4.696	5.258	6.074	6.180	6.164
SECRETARIES	16.337	18.298	20.412	23.342	23.780	24.020
NEC CLERICL & KINDRD	50.540	55.564	61.290	69.482	70.370	70.368
ELECTRIC LINEMEN	.309	.342	.335	.358	.363	.372
ELECTRICIANS	3.120	2.737	2.466	2.881	2.836	2.709
TELEPHONE INSTALLERS	.916	1.006	1.028	1.220	1.251	1.273
NEC CONSTRUCTION	14.879	14.301	11.763	13.590	13.471	12.991
FORGE- & HAMMER-MEN	.218	.176	.167	.190	.183	.164
FURNITURE FINISHERS	.067	.066	.068	.071	.070	.070
LOCOMOTIVE ENGINEERS	.164	.110	.113	.118	.113	.098
MACHINISTS	5.525	4.119	4.189	4.886	4.660	4.226
REPAIR & MECHANICS	14.107	13.389	14.089	16.015	15.898	15.474
PRINTING TRADES	1.245	1.248	1.507	1.806	1.827	1.815
SHEET METAL WORKERS	1.649	1.307	1.214	1.432	1.398	1.293
TOOL AND DIE MAKERS	2.167	1.632	1.635	1.894	1.801	1.616
NEC CRAFTSMEN	16.777	14.629	14.761	17.007	16.776	15.936
MACHINE OPERATIVES	5.019	3.746	3.779	4.361	4.112	3.669
TEXTILE OPERATIVES	.277	.249	.242	.230	.225	.212
NEC OPERATIVES	53.262	44.215	44.543	51.368	50.206	46.974
MASS TRANSIT WORKERS	.679	.772	.875	1.019	1.041	.973
RAILROAD BRAKEMEN	.266	.183	.186	.197	.189	.164
TRUCK DRIVERS	6.143	6.551	6.658	7.247	7.327	7.077
NEC TRANSIT OPER'S	4.196	4.169	4.470	5.089	5.139	4.936
CONSTRUCT LABORERS	3.238	3.442	2.486	2.840	2.825	2.744
OTHER LABORERS	13.191	13.489	14.238	15.837	15.812	15.435
CLEANING WORKERS	7.152	8.191	9.602	11.074	11.203	11.389
FOOD SERVICE WORKERS	10.264	12.479	16.549	19.134	19.056	19.806
HEALTH ASSTS	3.567	5.433	7.152	8.152	8.353	8.880
PERSONAL SERVICE	5.296	5.771	6.390	7.037	6.931	7.308
PRIV HH WORKERS	6.145	5.314	4.837	4.002	3.970	4.145
PROTCTV SRVC	12.750	15.532	17.880	18.636	18.573	18.400

THE HARTFORD FS-53 HISTORICAL DATA SET.

OCCUPATION WAGE RATE CHANGE

	1967	1972	1977	1980	1981	1982
AERONAUT. ENGINEERS	.00000	.02865	.04936	.10738	.09751	.07471
CHEMICAL ENGINEERS	.00000	.04909	.06261	.10997	.10164	.08148
CIVIL ENGINEERS	.00000	.05846	.06165	.10467	.09690	.07939
ELEC. ENGINEERS	.00000	.04119	.05731	.10911	.09960	.07782
IND. ENGINEERS	.00000	.04176	.05771	.10777	.09826	.07628
MECH. ENGINEERS	.00000	.03753	.05516	.10651	.09570	.07239
METAL & MTRLS ENGNRS	.00000	.03857	.05292	.10355	.09377	.07109
MINING-PETRO ENGNRS	.00000	.05301	.06790	.10196	.09075	.07350
SALES & NEC ENGNRS	.00000	.04552	.06088	.10849	.09902	.07655
COMPUTER PROGRAMMERS	.00000	.05136	.06597	.11164	.10311	.08302
COMPUTER ANALYSTS	.00000	.04935	.06499	.11126	.10201	.08117
CMPTR SPCLSTS & NEC	.00000	.04722	.06392	.11087	.10191	.08063
HEALTH TECHNOLOGISTS	.00000	.08018	.08543	.11886	.11064	.09604
NURSES, THERPSTS,...	.00000	.07932	.08445	.11752	.10936	.09498
PHYS. ,DENT.,...	.00000	.07632	.08111	.11594	.10792	.09300
AGRI BIO TECHNICIANS	.00000	.05632	.06735	.11079	.10072	.08460
CHEMICAL TECHNICIANS	.00000	.05430	.06571	.11088	.10312	.08383
DRAFTSMEN	.00000	.04424	.05897	.10741	.09752	.07575
ELECTRCL TECHNICIANS	.00000	.04149	.05766	.10920	.09923	.07709
INDUST ENGNR TECHNCS	.00000	.03707	.05445	.10595	.09610	.07299
MECH. ENG. TECH.	.00000	.03487	.05323	.10578	.09537	.07213
MATH TECHNICIANS	.00000	.05563	.06340	.10134	.09459	.07761
NEC TECHNICIANS	.00000	.04726	.06098	.10838	.09952	.07903
PRE K, K-6 TEACHERS	.00000	.06240	.07250	.10704	.09953	.08436
7-12 TEACHERS	.00000	.06145	.07219	.10774	.10003	.08424
EDITORS + REPORTERS	.00000	.05408	.07190	.11632	.10740	.08805
PUBLIC RELATIONS	.00000	.06020	.07097	.11233	.10492	.08661
NEC WRITERS & ARTSTS	.00000	.05377	.06878	.11358	.10403	.08611
RELIGIOUS WORDERS	.00000	.06419	.06663	.10573	.09645	.08327
SOCIAL SCIENTISTS	.00000	.05861	.07024	.11125	.10297	.08438
SOC & REC WORKERS	.00000	.06590	.07018	.10590	.09753	.08219
POST-SEC TEACHERS	.00000	.06227	.07264	.10707	.09963	.08436
ACCOUNTANTS	.00000	.05664	.06719	.11024	.10231	.08388
AIRLINE TECHNICIANS	.00000	.05558	.08256	.12325	.10526	.08471
ARCHITECTS	.00000	.06119	.07215	.11826	.10812	.09262
FARM AND ENVIRONMENT	.00000	.06571	.07059	.10972	.09784	.08201
LAWYERS AND JUDGES	.00000	.06544	.07205	.11116	.10295	.08684
LIBRARIANS	.00000	.06072	.06955	.10734	.09930	.08314
BIO & PHYS SCIENTSTS	.00000	.05600	.06795	.11141	.10208	.08385
MATH SPECIALISTS	.00000	.06006	.06730	.11074	.10431	.08790
SYSTEMS ANALYSTS	.00000	.04202	.05822	.10808	.09892	.07751
LABOR RELATION WRKRS	.00000	.05908	.07145	.11313	.10500	.08589
NEC RSRCH WRKRS	.00000	.05846	.07083	.11316	.10465	.08651
NEC TECHNCS & ENGNRS	.00000	.06032	.06827	.10526	.09724	.07905
VOCATNL & ED CNSLRS	.00000	.06400	.07180	.10671	.09892	.08277

THE HARTFORD FS-53 HISTORICAL DATA SET.

OCCUPATION WAGE RATE CHANGE
(CONTINUED)

	1967	1972	1977	1980	1981	1982
FINANCIAL MANAGERS	.00000	.06124	.07089	.11065	.10627	.08791
FARM PRODUCTS MANGRS	.00000	.05932	.06862	.10789	.10554	.08230
WHOLSL & RETL BUYERS	.00000	.05954	.06529	.10424	.10000	.07994
HEALTH ADMINISTRATRS	.00000	.07697	.08131	.11449	.10679	.09221
INSPECTORS	.00000	.06290	.06744	.10169	.09391	.07685
NEC PUBLC ADMNSTRTRS	.00000	.06295	.06744	.10162	.09391	.07682
RAILROAD CONDUCTORS	.00000	.03761	.05662	.09546	.08771	.06442
RESTAURANT MANAGERS	.00000	.06350	.07891	.11390	.10376	.08787
SALES MANAGERS	.00000	.05609	.06397	.10493	.09931	.08002
COLLEGE ADMNSTRTRS	.00000	.05927	.06858	.10367	.09689	.08140
1-12 SCHOOL ADMINS	.00000	.06024	.06981	.10466	.09767	.08224
NEC ADMINISTRATORS	.00000	.05514	.06299	.10517	.09891	.08037
SALES & ADVERT AGNTS	.00000	.05928	.07493	.11751	.10966	.09060
INSURANCE AGENTS	.00000	.06507	.06770	.10818	.10397	.08918
REAL ESTATE AGENTS	.00000	.07741	.06583	.10517	.10394	.08485
STOCK & BOND BROKRS	.00000	.06331	.07173	.11358	.11051	.09407
NEC SALES WORKERS	.00000	.05737	.06394	.10375	.09842	.07902
INSURANCE ADJUSTERS	.00000	.06501	.06778	.10818	.10390	.08908
INFO PROCESS WRKRS	.00000	.05594	.06631	.10793	.10121	.08283
SECRETARIES	.00000	.05866	.06699	.10761	.10107	.08367
NEC CLERICL & KINDRD	.00000	.05769	.06629	.10669	.09991	.08205
ELECTRIC LINEMEN	.00000	.05933	.06206	.10236	.09678	.08178
ELECTRICIANS	.00000	.04495	.05158	.10231	.09421	.07370
TELEPHONE INSTALLERS	.00000	.05757	.06405	.11091	.10464	.08732
NEC CONSTRUCTION	.00000	.04988	.04892	.09947	.09263	.07329
FORGE- & HAMMER-MEN	.00000	.04166	.05256	.10037	.09081	.06666
FURNITURE FINISHERS	.00000	.05280	.06141	.09953	.09179	.07574
LOCOMOTIVE ENGINEERS	.00000	.03328	.05459	.09568	.08697	.06169
MACHINISTS	.00000	.03693	.05426	.10447	.09305	.06861
REPAIR & MECHANICS	.00000	.05002	.06244	.10653	.09820	.07832
PRINTING TRADES	.00000	.05224	.07110	.11528	.10664	.08653
SHEET METAL WORKERS	.00000	.03963	.05061	.10249	.09363	.07065
TOOL AND DIE MAKERS	.00000	.03759	.05373	.10349	.09207	.06712
NEC CRAFTSMEN	.00000	.04504	.05756	.10493	.09640	.07486
MACHINE OPERATIVES	.00000	.04090	.05547	.10204	.09134	.06817
TEXTILE OPERATIVES	.00000	.04847	.05799	.09191	.08603	.06768
NEC OPERATIVES	.00000	.04502	.05740	.10271	.09430	.07324
MASS TRANSIT WORKERS	.00000	.05936	.06902	.10794	.10152	.07843
RAILROAD BRAKEMEN	.00000	.03809	.05579	.09635	.08835	.06510
TRUCK DRIVERS	.00000	.05591	.06262	.10125	.09555	.07630
NEC TRANSIT OPER'S	.00000	.05286	.06335	.10477	.09821	.07790
CONSTRUCT LABORERS	.00000	.05510	.04810	.09569	.09003	.07242
OTHER LABORERS	.00000	.05437	.06329	.10357	.09647	.07771
CLEANING WORKERS	.00000	.05999	.07030	.10985	.10222	.08505
FOOD SERVICE WORKERS	.00000	.06367	.07791	.11317	.10344	.08770
HEALTH ASSTS	.00000	.07594	.08066	.11389	.10626	.09173
PERSONAL SERVICE	.00000	.05758	.06783	.10566	.09708	.08375
PRIV HH WORKERS	.00000	.04883	.05760	.08517	.08117	.06956
PROTCTV SRVC	.00000	.06246	.06872	.10282	.09576	.07823

Appendix C

PROJECTED DEMOGRAPHIC AND ECONOMIC DATA FOR STUDY AREA COUNTIES

Regional Economic Models, Inc.

eorge I. Treyz, President

THE HAMPDEN/HAMPSHIRE COUNTY FS-53 CONTROL FORECAST

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306 Lincoln Avenue Amherst, MA 01002 Telephone: 413-549-1169

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

'MMARY TABLE FOR PRIVATE NONFARM SECTORS.

	1983	1984	1985	1986	1990	1995
PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
TOTAL	186.524	191.554	197.523	202.695	223.247	241.262
INTERMEDIATE	27.267	27.967	28.800	29.532	31.945	34.801
INDUCED	74.467	76.178	78.320	80.401	89.592	98.517
EXPORT	84.790	87.409	90.403	92.762	101.710	107.944
EXOGENOUS	.000	.000	.000	.000	.000	.000
COSTS RELATIVE TO THE U.S.						
PRODUCTION	.95302	.95113	.94968	.94835	.94508	.94240
FACTOR INPUTS	.92620	.92335	.92115	.91915	.91431	.91041
LABOR	.87300	.87022	.86797	.86580	.85984	.85386
FUEL	1.33657	1.33657	1.33657	1.33657	1.33657	1.33657
CAPITAL	.99910	.99865	.99841	.99807	.99709	.99612
INTERMED. INPUTS	.99048	.98994	.98952	.98912	.98805	.98709
PROD FOR LOCAL MKT	.93672	.93391	.93175	.92988	.92552	.92246
PROD. FOR EXPORT	.96846	.96745	.96666	.96585	.96361	.96130
OTHER VARIABLES:						
LABOR INTENSITY	1.08708	1.08819	1.08938	1.09065	1.09595	1.10204
MULT ADJ. INDEX	.83516	.83190	.82840	.82470	.81169	.79599
EXP. SHARE OF US-%	.30	.29	.29	.29	.29	.29
EXP EMP - % OF EMP	45.46	45.63	45.77	45.76	45.56	44.74
EMP. AS A % OF US	.25	.24	.24	.24	.24	.24
DEMAND (BILLIONS)	10.852	11.893	13.092	14.311	19.519	26.709
SELF SUPPLY (SS)	4.750	5.179	5.695	6.234	8.622	12.057
IMPORTS	6.101	6.715	7.397	8.076	10.897	14.652
OUTPUT (SUP-BIL)	10.203	11.158	12.298	13.452	18.440	25.176
SUP/DEM RATIO	.94	.94	.94	.94	.94	.94
PS= SS/SUPPLY	.47	.46	.46	.46	.47	.48
RPC= SS/DEMAND	.44	.44	.44	.44	.44	.45
WAGE RATE	15.127	15.959	16.988	18.060	22.491	28.508
INDEX	.987544	.987410	.988429	.988561	.996963	.991039

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

EMPLOYMENT TABLE. (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
MANUFACTURE	54.951	56.647	58.397	59.589	62.976	64.734
AS A % OF U.S.	.302	.299	.297	.294	.288	.280
DURABLES	30.353	31.464	32.668	33.587	36.256	38.462
NONDURABLES	24.599	25.183	25.729	26.001	26.720	26.273
NON MANUFACTURE	131.573	134.907	139.126	143.106	160.271	176.527
AS A % OF U.S.	.228	.227	.226	.226	.230	.228
MINING	.132	.140	.147	.155	.183	.206
CONT CONSTRUCTION	5.759	5.835	6.036	6.196	6.949	7.697
TRANSPORT + PUB UT	9.180	9.395	9.599	9.713	10.293	10.942
FINANCE, INS,+ RE	13.365	13.700	14.140	14.458	15.662	16.485
RETAIL TRADE	39.450	40.717	41.684	42.630	46.330	50.271
WHOLESALE TRADE	10.477	10.824	11.081	11.325	11.863	12.846
SERVICES	52.640	53.724	55.863	58.046	68.362	77.345
AGRI/FOR/FISH	.570	.571	.577	.583	.629	.736
TOTAL GOVERNMENT	47.185	47.673	48.063	48.332	49.944	51.449
AS A % OF U.S.	.254	.254	.253	.253	.252	.253
ST AND LOCAL GOVT.	38.504	38.992	39.251	39.520	40.737	42.243
FED. GOVT. CIVI.	5.796	5.796	5.796	5.796	6.059	6.059
FED. GOVT. MILI.	2.885	2.885	3.016	3.016	3.147	3.147
FARM EMPLOYMENT	1.857	1.843	1.830	1.816	1.762	1.694
AS A % OF U.S.	.142	.142	.142	.142	.142	.142
TOTAL WAG&SAL EMP.	235.566	241.069	247.416	252.844	274.953	294.405
AS A % OF U.S.	.246	.245	.244	.243	.244	.241
POPULATION	585.450	588.888	593.636	598.500	619.384	643.720
AS A % OF U.S.	.251	.250	.249	.249	.249	.248

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

PERSONAL INCOME TABLE (IN BILLIONS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
WAGE AND SAL DISB	3.523	3.793	4.134	4.485	6.064	8.227
PROPRIETORS INCOME	.180	.205	.219	.244	.333	.322
OTHER LABOR INCOME	.388	.438	.489	.541	.798	1.079
DERIVATION OF PERSONAL INCOME BY PLACE OF RESIDENCE.						
TOT LABOR + PROP INC	4.091	4.436	4.842	5.271	7.195	9.628
AS A % OF U.S.	.210	.208	.206	.204	.202	.198
LESS SOC INSR CONT	.247	.284	.316	.354	.560	.791
PLUS RESID ADJ	.237	.257	.281	.306	.422	.574
PLUS DIV,INT,RENT	1.201	1.285	1.387	1.490	1.981	2.505
PLUS TRANSFER PAY	1.129	1.207	1.276	1.360	1.804	2.517
PERSONAL INCOME	6.411	6.901	7.470	8.072	10.842	14.433
AS A % OF U.S.	.234	.232	.230	.229	.228	.224
LESS TAXES	1.018	1.078	1.188	1.273	1.708	2.192
DISPOSABLE PER. INC.	5.393	5.823	6.281	6.799	9.134	12.241
CONSUMER PR INDEX	301.013	316.700	333.927	351.845	428.146	509.634
REAL DIS PER INC-'67	1.792	1.839	1.881	1.932	2.133	2.402
AS A % OF U.S.	.232	.231	.229	.228	.228	.225
BREAKDOWN OF LABOR AND PROPRIETOR'S INCOME:						
MANUFACTURE	1.257	1.380	1.523	1.663	2.248	2.949
DURABLES	.731	.810	.903	.996	1.384	1.878
NONDURABLES	.526	.570	.620	.667	.864	1.072
NON MANUFACTURE	2.104	2.287	2.504	2.744	3.848	5.256
MINING	.003	.004	.004	.005	.007	.010
CONT CONSTRUCTION	.148	.159	.175	.191	.269	.362
TRANSPORT + PUB UT	.249	.271	.296	.319	.428	.575
FINANCE, INS,+ RE	.263	.287	.317	.346	.477	.639
RETAIL TRADE	.387	.418	.451	.487	.651	.869
WHOLESALE TRADE	.240	.263	.286	.311	.406	.542
SERVICES	.807	.877	.969	1.076	1.599	2.244
AGRI/FOR/FISH	.008	.008	.008	.009	.012	.016
TOTAL GOVERNMENT	.717	.754	.798	.846	1.073	1.386
ST AND LOCAL GOVT.	.553	.581	.612	.647	.811	1.050
FED. GOVT. CIVI.	.147	.156	.166	.177	.233	.295
FED. GOVT. MILI.	.017	.018	.020	.022	.030	.041
ARM	.014	.015	.017	.018	.026	.036

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	30.353	31.464	32.668	33.587	36.256	38.462
NONDURABLES	24.599	25.183	25.729	26.001	26.720	26.273
MINING	.132	.140	.147	.155	.183	.206
CONT CONSTRUCTION	5.759	5.835	6.036	6.196	6.949	7.697
TRANSPORT + PUB UT	9.180	9.395	9.599	9.713	10.293	10.942
FINANCE, INS,+ RE	13.365	13.700	14.140	14.458	15.662	16.485
RETAIL TRADE	39.450	40.717	41.684	42.630	46.330	50.271
WHOLESALE TRADE	10.477	10.824	11.081	11.325	11.863	12.846
SERVICES	52.640	53.724	55.863	58.046	68.362	77.345
AGRI/FOR/FISH	.570	.571	.577	.583	.629	.736
WAGE AND SALARY DISBURSEMENTS (IN BILLIONS OF DOLLARS)						
DURABLES	.62347	.68772	.76569	.84293	1.15971	1.57814
NONDURABLES	.46057	.49630	.53871	.57833	.74011	.91777
MINING	.00282	.00312	.00346	.00386	.00563	.00799
CONT CONSTRUCTION	.11651	.12441	.13685	.14937	.20969	.29590
TRANSPORT + PUB UT	.20069	.21711	.23590	.25367	.33465	.45252
FINANCE, INS,+ RE	.23091	.25071	.27645	.30169	.41192	.55132
RETAIL TRADE	.33889	.36372	.39139	.42132	.55936	.75887
WHOLESALE TRADE	.20204	.21939	.23826	.25838	.33629	.46031
SERVICES	.63977	.68856	.76261	.84449	1.25516	1.84274
AGRI/FOR/FISH	.00583	.00597	.00624	.00657	.00844	.01222
INTERMEDIATE EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	1.759	1.824	1.896	1.951	2.113	2.220
NONDURABLES	1.959	2.003	2.044	2.069	2.167	2.199
MINING	.083	.085	.086	.089	.100	.116
CONT CONSTRUCTION	.761	.781	.816	.846	.971	1.094
TRANSPORT + PUB UT	3.384	3.468	3.543	3.584	3.786	4.019
FINANCE, INS,+ RE	3.168	3.239	3.339	3.411	3.689	3.884
RETAIL TRADE	3.569	3.681	3.777	3.879	4.233	4.730
WHOLESALE TRADE	4.381	4.484	4.548	4.604	4.680	4.917
SERVICES	7.913	8.105	8.449	8.789	9.864	11.218
AGRI/FOR/FISH	.291	.297	.303	.310	.342	.403
INDUCED EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	1.109	1.133	1.167	1.196	1.317	1.404
NONDURABLES	.746	.763	.780	.792	.836	.858
MINING	.002	.002	.002	.002	.003	.003
CONT CONSTRUCTION	4.556	4.648	4.840	4.998	5.695	6.390
TRANSPORT + PUB UT	2.664	2.722	2.773	2.804	2.979	3.211
FINANCE, INS,+ RE	3.975	4.068	4.190	4.284	4.652	4.979
RETAIL TRADE	27.739	28.730	29.501	30.265	33.325	36.463
WHOLESALE TRADE	4.417	4.528	4.604	4.682	4.844	5.175
SERVICES	29.049	29.369	30.242	31.150	35.683	39.720
AGRI/FOR/FISH	.210	.215	.221	.228	.258	.313

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
EXPORT EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	27.485	28.508	29.605	30.441	32.827	34.838
NONDURABLES	21.894	22.416	22.905	23.140	23.716	23.215
MINING	.047	.053	.059	.064	.081	.087
CONT CONSTRUCTION	.442	.406	.380	.353	.282	.213
TRANSPORT + PUB UT	3.131	3.205	3.284	3.324	3.528	3.712
FINANCE, INS,+ RE	6.223	6.394	6.611	6.764	7.321	7.622
RETAIL TRADE	8.142	8.307	8.407	8.487	8.772	9.077
WHOLESALE TRADE	1.680	1.811	1.928	2.040	2.339	2.754
SERVICES	15.678	16.250	17.173	18.106	22.815	26.407
AGRI/FOR/FISH	.069	.060	.052	.045	.030	.020
EXOGENOUS EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	.000	.000	.000	.000	.000	.000
NONDURABLES	.000	.000	.000	.000	.000	.000
MINING	.000	.000	.000	.000	.000	.000
CONT CONSTRUCTION	.000	.000	.000	.000	.000	.000
TRANSPORT + PUB UT	.000	.000	.000	.000	.000	.000
FINANCE, INS,+ RE	.000	.000	.000	.000	.000	.000
RETAIL TRADE	.000	.000	.000	.000	.000	.000
WHOLESALE TRADE	.000	.000	.000	.000	.000	.000
SERVICES	.000	.000	.000	.000	.000	.000
AGRI/FOR/FISH	.000	.000	.000	.000	.000	.000
PRODUCTION COSTS RELATIVE TO THE U.S.						
DURABLES	.96445	.96497	.96539	.96553	.96534	.96383
NONDURABLES	.98329	.98166	.98034	.97911	.97568	.97267
MINING	.92367	.91889	.91514	.91195	.90401	.89902
CONT CONSTRUCTION	.96431	.96354	.96289	.96216	.95980	.95709
TRANSPORT + PUB UT	.96721	.96510	.96345	.96191	.95778	.95422
FINANCE, INS,+ RE	.94982	.94830	.94711	.94593	.94265	.93934
RETAIL TRADE	.90323	.89934	.89626	.89360	.88703	.88252
WHOLESALE TRADE	.93963	.93690	.93473	.93277	.92775	.92375
SERVICES	.95251	.94958	.94746	.94573	.94291	.94181
AGRI/FOR/FISH	.99190	.98499	.97955	.97505	.96420	.95784
FACTOR COSTS RELATIVE TO THE U.S.						
DURABLES	.93014	.93179	.93308	.93375	.93419	.93151
NONDURABLES	.97107	.96777	.96508	.96258	.95559	.94946
MINING	.90465	.89858	.89381	.88977	.87976	.87356
CONT CONSTRUCTION	.94371	.94287	.94213	.94119	.93781	.93350
TRANSPORT + PUB UT	.96341	.96085	.95886	.95700	.95202	.94775
FINANCE, INS,+ RE	.93300	.93101	.92945	.92790	.92360	.91924
RETAIL TRADE	.87372	.86868	.86466	.86121	.85273	.84700
WHOLESALE TRADE	.92752	.92425	.92165	.91932	.91333	.90861
SERVICES	.93080	.92698	.92425	.92205	.91868	.91767
AGRI/FOR/FISH	.99639	.98635	.97844	.97192	.95629	.94729

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
LABOR COSTS (WAGES) RELATIVE TO THE U.S.						
DURABLES	.86761	.87007	.87196	.87301	.87395	.87054
NONDURABLES	.91425	.90951	.90555	.90182	.89106	.88097
MINING	.59736	.58271	.57121	.56185	.53937	.52645
CONT CONSTRUCTION	.87829	.87721	.87614	.87472	.86930	.86201
TRANSPORT + PUB UT	.92156	.91670	.91277	.90922	.89976	.89168
FINANCE, INS,+ RE	.89147	.88881	.88666	.88455	.87859	.87223
RETAIL TRADE	.79318	.78554	.77943	.77422	.76156	.75311
WHOLESALE TRADE	.85518	.84999	.84583	.84214	.83279	.82553
SERVICES	.87001	.86541	.86203	.85930	.85480	.85315
AGRI/FOR/FISH	.95909	.93704	.91978	.90582	.87303	.85492
FUEL COSTS RELATIVE TO THE U.S.						
DURABLES	1.47174	1.47174	1.47174	1.47174	1.47174	1.47174
NONDURABLES	1.37864	1.37864	1.37864	1.37864	1.37864	1.37864
MINING	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
CONT CONSTRUCTION	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
TRANSPORT + PUB UT	1.02034	1.02034	1.02034	1.02034	1.02034	1.02034
FINANCE, INS,+ RE	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
RETAIL TRADE	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
WHOLESALE TRADE	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
SERVICES	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
AGRI/FOR/FISH	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
CAPITAL COSTS RELATIVE TO THE U.S.						
DURABLES	1.00104	1.00063	1.00043	1.00013	.99928	.99846
NONDURABLES	.99604	.99558	.99535	.99502	.99407	.99316
MINING	.99201	.99138	.99103	.99055	.98912	.98766
CONT CONSTRUCTION	1.00108	1.00067	1.00044	1.00013	.99919	.99825
TRANSPORT + PUB UT	.98923	.98854	.98815	.98762	.98605	.98445
FINANCE, INS,+ RE	.99217	.99165	.99136	.99096	.98976	.98855
RETAIL TRADE	1.00643	1.00607	1.00587	1.00559	1.00476	1.00392
WHOLESALE TRADE	1.01099	1.01069	1.01053	1.01030	1.00963	1.00895
SERVICES	.99172	.99113	.99080	.99035	.98901	.98765
AGRI/FOR/FISH	.99172	.99113	.99080	.99035	.98901	.98765
INTERMEDIATE INPUT COSTS RELATIVE TO THE U.S.						
DURABLES	.99052	.99019	.98993	.98968	.98901	.98838
NONDURABLES	.99227	.99187	.99155	.99125	.99044	.98971
MINING	.98838	.98799	.98769	.98739	.98651	.98564
CONT CONSTRUCTION	.98362	.98291	.98235	.98183	.98042	.97920
TRANSPORT + PUB UT	.97734	.97643	.97571	.97503	.97316	.97149
FINANCE, INS,+ RE	.97455	.97372	.97307	.97243	.97066	.96889
RETAIL TRADE	.98509	.98443	.98392	.98344	.98217	.98106
WHOLESALE TRADE	.97726	.97619	.97537	.97459	.97255	.97080
SERVICES	1.00661	1.00586	1.00527	1.00471	1.00325	1.00196
AGRI/FOR/FISH	.98354	.98247	.98163	.98088	.97898	.97753

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
PRODUCTION COSTS FOR LOCAL MKTS RELATIVE TO THE U.S.						
DURABLES	.94663	.94673	.94681	.94669	.94585	.94400
NONDURABLES	.98244	.98103	.97987	.97877	.97561	.97264
MINING	.92367	.91889	.91514	.91195	.90401	.89902
CONT CONSTRUCTION	.96431	.96354	.96289	.96216	.95980	.95709
TRANSPORT + PUB UT	.96709	.96517	.96368	.96229	.95859	.95537
FINANCE, INS,+ RE	.94583	.94392	.94243	.94103	.93733	.93399
RETAIL TRADE	.90166	.89774	.89463	.89194	.88532	.88077
WHOLESALE TRADE	.93963	.93690	.93473	.93277	.92775	.92375
SERVICES	.94731	.94412	.94181	.93993	.93665	.93521
AGRI/FOR/FISH	.99190	.98499	.97955	.97505	.96420	.95784
PRODUCTION COSTS FOR EXPORT MKTS RELATIVE TO THE U.S.						
DURABLES	.96672	.96730	.96775	.96793	.96782	.96635
NONDURABLES	.98338	.98173	.98039	.97915	.97569	.97267
MINING	.92367	.91889	.91514	.91195	.90401	.89902
CONT CONSTRUCTION	.96431	.96354	.96289	.96216	.95980	.95709
TRANSPORT + PUB UT	.96750	.96493	.96288	.96098	.95582	.95142
FINANCE, INS,+ RE	.95430	.95322	.95235	.95142	.94862	.94534
RETAIL TRADE	.91008	.90635	.90339	.90082	.89450	.89015
WHOLESALE TRADE	.93963	.93690	.93473	.93277	.92775	.92375
SERVICES	.96865	.96649	.96497	.96369	.96229	.96228
AGRI/FOR/FISH	.99190	.98499	.97955	.97505	.96420	.95784
LABOR INTENSITY						
DURABLES	1.09781	1.09662	1.09544	1.09431	1.09037	1.08667
NONDURABLES	1.12572	1.13004	1.13456	1.13920	1.15776	1.17834
MINING	1.24822	1.26659	1.28522	1.30387	1.37521	1.45070
CONT CONSTRUCTION	1.06885	1.06922	1.06960	1.07000	1.07181	1.07429
TRANSPORT + PUB UT	1.04499	1.04526	1.04569	1.04625	1.04919	1.05309
FINANCE, INS,+ RE	1.05157	1.05085	1.05021	1.04965	1.04796	1.04665
RETAIL TRADE	1.09563	1.09761	1.09970	1.10185	1.11046	1.11987
WHOLESALE TRADE	1.07523	1.07599	1.07684	1.07776	1.08177	1.08644
SERVICES	1.05848	1.05877	1.05912	1.05951	1.06122	1.06315
AGRI/FOR/FISH	.92721	.93505	.94309	.95121	.98256	1.01586
EXPORT SHARE MULTIPLICATIVE ADJUSTMENTS						
DURABLES	.864	.862	.859	.856	.848	.839
NONDURABLES	.693	.681	.669	.657	.621	.582
MINING	1.245	1.342	1.430	1.510	1.721	1.890
CONT CONSTRUCTION	.186	.166	.149	.133	.093	.062
TRANSPORT + PUB UT	1.003	1.000	.997	.993	.978	.957
FINANCE, INS,+ RE	.922	.920	.918	.914	.901	.883
RETAIL TRADE	.862	.846	.829	.814	.764	.712
WHOLESALE TRADE	7.038	7.350	7.647	7.929	8.757	9.544
SERVICES	1.222	1.257	1.289	1.318	1.396	1.460
AGRI/FOR/FISH	.096	.081	.068	.058	.033	.018

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
EXPORT SHARE OF U.S. AS A PERCENT						
DURABLES	.310	.308	.307	.306	.303	.301
NONDURABLES	.408	.403	.398	.392	.378	.357
MINING	.006	.007	.008	.008	.009	.008
CONT CONSTRUCTION	.111	.099	.089	.080	.056	.037
TRANSPORT + PUB UT	.149	.148	.147	.146	.144	.141
FINANCE, INS,+ RE	.406	.404	.403	.402	.400	.387
RETAIL TRADE	.289	.284	.279	.273	.256	.236
WHOLESALE TRADE	.121	.127	.132	.137	.151	.165
SERVICES	.300	.304	.309	.314	.347	.357
AGRI/FOR/FISH	.032	.027	.023	.019	.011	.006
EXPORT EMPLOYMENT AS % OF EMPLOYMENT						
DURABLES	90.552	90.604	90.626	90.631	90.541	90.578
NONDURABLES	89.004	89.014	89.025	88.994	88.760	88.363
MINING	35.740	37.892	39.847	41.034	43.957	42.124
CONT CONSTRUCTION	7.671	6.958	6.296	5.692	4.060	2.765
TRANSPORT + PUB UT	34.109	34.109	34.208	34.223	34.273	33.925
FINANCE, INS,+ RE	46.559	46.670	46.756	46.780	46.741	46.235
RETAIL TRADE	20.639	20.400	20.168	19.908	18.935	18.057
WHOLESALE TRADE	16.035	16.735	17.399	18.012	19.718	21.436
SERVICES	29.783	30.247	30.740	31.193	33.373	34.142
AGRI/FOR/FISH	12.056	10.435	9.019	7.772	4.733	2.656
EMPLOYMENT AS PERCENT OF U.S.						
DURABLES	.281	.279	.278	.276	.272	.269
NONDURABLES	.333	.329	.326	.322	.313	.297
MINING	.012	.013	.013	.014	.015	.016
CONT CONSTRUCTION	.149	.147	.145	.144	.141	.138
TRANSPORT + PUB UT	.183	.182	.181	.180	.179	.176
FINANCE, INS,+ RE	.238	.236	.235	.234	.232	.225
RETAIL TRADE	.257	.255	.253	.252	.250	.246
WHOLESALE TRADE	.192	.192	.193	.193	.196	.197
SERVICES	.253	.253	.253	.254	.264	.264
AGRI/FOR/FISH	.100	.099	.097	.096	.095	.094
DEMAND (IN BILLIONS OF DOLLARS)						
DURABLES	1.71956	1.89855	2.11292	2.32626	3.20570	4.33044
NONDURABLES	2.30867	2.50871	2.73731	2.95997	3.86811	4.91519
MINING	.13307	.14444	.15630	.17127	.23609	.33572
CONT CONSTRUCTION	.66390	.71685	.79602	.87660	1.26495	1.82100
TRANSPORT + PUB UT	1.09556	1.19706	1.30548	1.41363	1.87577	2.53768
FINANCE, INS,+ RE	1.64861	1.86071	2.05964	2.24814	3.04361	4.18864
RETAIL TRADE	.86126	.93407	1.01386	1.10147	1.49820	2.07732
WHOLESALE TRADE	.63148	.68544	.74259	.80310	1.03726	1.39617
SERVICES	1.75937	1.91528	2.13321	2.37289	3.43959	5.03413
AGRI/FOR/FISH	.03033	.03217	.03458	.03718	.04983	.07284

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
SELF SUPPLY: LOCAL PRODUCTION FOR LOCAL USE						
DURABLES	.20571	.22592	.25093	.27619	.38526	.52349
NONDURABLES	.26177	.28358	.30850	.33306	.43857	.56384
MINING	.01084	.01177	.01274	.01396	.01924	.02736
CONT CONSTRUCTION	.48793	.52684	.58503	.64425	.92967	1.33833
TRANSPORT + PUB UT	.64465	.70390	.76781	.83137	1.10256	1.49722
FINANCE, INS,+ RE	.58500	.65261	.72176	.78830	1.07438	1.47026
RETAIL TRADE	.78515	.85192	.92490	1.00479	1.36704	1.89274
WHOLESALE TRADE	.44707	.48528	.52574	.56858	.73435	.98846
SERVICES	1.30080	1.41402	1.57337	1.74753	2.53545	3.70391
AGRI/FOR/FISH	.02156	.02287	.02458	.02643	.03543	.05179
IMPORTS: IMPLICIT PURCHASE OUTSIDE OF AREA FOR LOCAL USE						
DURABLES	1.51385	1.67263	1.86198	2.05007	2.82044	3.80695
NONDURABLES	2.04690	2.22513	2.42880	2.62690	3.42955	4.35134
MINING	.12223	.13267	.14356	.15731	.21685	.30837
CONT CONSTRUCTION	.17597	.19000	.21099	.23235	.33528	.48266
TRANSPORT + PUB UT	.45091	.49316	.53766	.58226	.77322	1.04046
FINANCE, INS,+ RE	1.06360	1.20811	1.33787	1.45984	1.96923	2.71838
RETAIL TRADE	.07611	.08216	.08896	.09668	.13116	.18458
WHOLESALE TRADE	.18441	.20017	.21685	.23453	.30290	.40772
SERVICES	.45857	.50126	.55983	.62536	.90414	1.33022
AGRI/FOR/FISH	.00876	.00930	.00999	.01074	.01440	.02105
OUTPUT (SUPPLY-BILLIONS OF DOLLARS)						
DURABLES	2.20766	2.43591	2.71187	2.98729	4.13345	5.65303
NONDURABLES	2.31062	2.50962	2.73598	2.94918	3.81996	4.75814
MINING	.01687	.01895	.02117	.02367	.03433	.04727
CONT CONSTRUCTION	.52847	.56624	.62434	.68314	.96901	1.37638
TRANSPORT + PUB UT	.85965	.93531	1.01833	1.09932	1.45133	1.95801
FINANCE, INS,+ RE	1.02478	1.14792	1.27954	1.40705	1.95213	2.69026
RETAIL TRADE	.99359	1.07458	1.16296	1.25907	1.69144	2.31590
WHOLESALE TRADE	.53245	.58281	.63647	.69349	.91471	1.25816
SERVICES	1.70407	1.86095	2.08051	2.32087	3.43643	5.06592
AGRI/FOR/FISH	.02452	.02553	.02702	.02866	.03719	.05320
SUPPLY/DEMAND RATIO						
DURABLES	1.28385	1.28303	1.28347	1.28416	1.28941	1.30542
NONDURABLES	1.00084	1.00037	.99952	.99636	.98755	.96805
MINING	.12681	.13120	.13547	.13819	.14540	.14080
CONT CONSTRUCTION	.79601	.78990	.78433	.77931	.76605	.75584
TRANSPORT + PUB UT	.78466	.78134	.78004	.77766	.77372	.77157
FINANCE, INS,+ RE	.62161	.61693	.62124	.62587	.64139	.64228
RETAIL TRADE	1.15365	1.15042	1.14707	1.14308	1.12899	1.11485
WHOLESALE TRADE	.84318	.85027	.85710	.86351	.88186	.90115
SERVICES	.96857	.97163	.97530	.97808	.99908	1.00631
AGRI/FOR/FISH	.80845	.79383	.78147	.77090	.74631	.73039

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
PERCENT SHIPPED WITHIN AREA: SS/SUPPLY						
DURABLES	.09318	.09275	.09253	.09246	.09321	.09260
NONDURABLES	.11329	.11300	.11276	.11293	.11481	.11850
MINING	.64260	.62108	.60153	.58966	.56043	.57876
CONT CONSTRUCTION	.92329	.93042	.93704	.94308	.95940	.97235
TRANSPORT + PUB UT	.74990	.75259	.75399	.75626	.75969	.76466
FINANCE, INS,+ RE	.57085	.56851	.56408	.56025	.55037	.54651
RETAIL TRADE	.79021	.79279	.79529	.79804	.80821	.81728
WHOLESALE TRADE	.83965	.83265	.82601	.81988	.80282	.78564
SERVICES	.76335	.75984	.75624	.75296	.73782	.73114
AGRI/FOR/FISH	.87944	.89565	.90981	.92228	.95267	.97344
REGIONAL PURCHASE COEFFICIENT: SS/DEMAND						
DURABLES	.11963	.11900	.11876	.11873	.12018	.12089
NONDURABLES	.11338	.11304	.11270	.11252	.11338	.11471
MINING	.08149	.08149	.08149	.08149	.08149	.08149
CONT CONSTRUCTION	.73495	.73495	.73495	.73495	.73495	.73495
TRANSPORT + PUB UT	.58842	.58802	.58815	.58811	.58779	.58999
FINANCE, INS,+ RE	.35485	.35073	.35043	.35064	.35300	.35101
RETAIL TRADE	.91163	.91205	.91226	.91222	.91246	.91114
WHOLESALE TRADE	.70798	.70798	.70798	.70798	.70798	.70798
SERVICES	.73936	.73828	.73756	.73646	.73714	.73576
AGRI/FOR/FISH	.71099	.71099	.71099	.71099	.71099	.71099
WAGE RATE (THOUSANDS OF DOLLARS)						
DURABLES	20.541	21.857	23.439	25.097	31.987	41.031
NONDURABLES	18.724	19.708	20.938	22.242	27.699	34.933
MINING	21.301	22.280	23.544	24.904	30.726	38.696
CONT CONSTRUCTION	20.232	21.322	22.672	24.106	30.178	38.442
TRANSPORT + PUB UT	21.863	23.108	24.575	26.118	32.513	41.358
FINANCE, INS,+ RE	17.277	18.300	19.552	20.866	26.300	33.443
RETAIL TRADE	8.590	8.933	9.389	9.883	12.073	15.096
WHOLESALE TRADE	19.284	20.270	21.502	22.814	28.348	35.834
SERVICES	12.154	12.817	13.651	14.549	18.360	23.825
AGRI/FOR/FISH	10.229	10.447	10.829	11.278	13.411	16.603
INDUSTRIAL MIX INDEX						
DURABLES	1.04491	1.04481	1.04451	1.04329	1.03713	1.03167
NONDURABLES	1.01293	1.01719	1.02122	1.02426	1.04212	1.04159
MINING	.73703	.74980	.76440	.76135	.75640	.63664
CONT CONSTRUCTION	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TRANSPORT + PUB UT	1.02937	1.02809	1.03009	1.03103	1.04207	1.05648
FINANCE, INS,+ RE	.95934	.95585	.95478	.95425	.95935	.94455
RETAIL TRADE	1.00007	1.00006	1.00006	1.00006	1.00006	1.00009
WHOLESALE TRADE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
SERVICES	.98054	.97505	.97430	.97345	.99804	.99586
AGRI/FOR/FISH	1.02158	1.02177	1.02190	1.02191	1.02716	1.02746

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.506	.528	.549	.564	.597	.597
FURNITURE(25)	.160	.163	.165	.164	.157	.143
STONE,CLAY,ETC.(32)	.584	.618	.656	.689	.780	.847
PRIMARY METALS(33)	2.034	2.146	2.264	2.361	2.626	2.848
FABRICATED METAL(34)	8.942	9.165	9.378	9.518	9.856	9.587
NON-ELEC MACHINE(35)	9.389	9.700	10.191	10.598	12.130	13.581
ELECT. EQUIPMENT(36)	2.314	2.471	2.563	2.617	2.758	2.952
MOTOR VEH.(371)	.026	.027	.029	.030	.032	.033
REST TRANS. EQUIP.	1.113	1.177	1.245	1.311	1.499	1.696
INSTRUMENTS(38)	.787	.840	.895	.943	1.126	1.355
MISC. MANUF.(39)	4.499	4.628	4.733	4.792	4.694	4.822
FOOD(20)	2.376	2.405	2.384	2.347	2.221	2.001
TOBACCO MANUF(21)	.026	.028	.029	.030	.034	.033
TEXTILES(22)	1.506	1.547	1.560	1.556	1.473	1.404
APPAREL(23)	1.947	2.010	2.082	2.130	2.196	2.285
PAPER(26)	6.747	6.824	6.922	6.946	6.869	6.575
PRINTING(27)	6.160	6.257	6.330	6.372	6.656	6.803
CHEMICALS(28)	2.747	2.790	2.858	2.899	3.015	2.965
PETRO PROD(29)	.052	.056	.059	.062	.067	.072
RUBBER(30)	2.446	2.682	2.937	3.111	3.715	3.725
LEATHER(31)	.592	.585	.567	.547	.474	.410
MINING	.132	.140	.147	.155	.183	.206
CONSTRUCTION	5.759	5.835	6.036	6.196	6.949	7.697
RAILROAD(40)	.331	.338	.329	.319	.291	.268
TRUCKING(42)	2.273	2.313	2.385	2.427	2.622	2.645
LOCAL/INTERURBAN(41)	1.445	1.494	1.537	1.564	1.703	1.859
AIR TRANSP.(45)	.029	.030	.031	.032	.035	.037
OTHER TRANSP.	.482	.492	.513	.533	.597	.681
COMMUNICATION(48)	3.179	3.271	3.342	3.370	3.587	3.966
PUBLIC UTILITIES(49)	1.441	1.458	1.462	1.468	1.458	1.485
BANKING(60)	3.412	3.455	3.540	3.602	3.857	4.096
INSURANCE(63+64)	8.161	8.325	8.562	8.727	9.421	9.708
CREDIT&FINANCE(61+62	.855	.892	.957	1.014	1.177	1.351
REAL ESTATE(65,69)	.937	1.029	1.081	1.115	1.207	1.331
EATING & DRINKING(58	12.189	12.421	12.630	12.919	13.876	15.515
REST OF RETAL(R52)	27.261	28.296	29.054	29.711	32.454	34.756
WHOLESALE	10.477	10.824	11.081	11.325	11.863	12.846
HOTELS(70)	2.451	2.593	2.677	2.790	3.182	3.417
PER. SERV. & REPR.	3.743	3.847	4.004	4.111	4.394	4.807
PRIVATE HOUSEHOLD	1.706	1.672	1.654	1.638	1.648	1.612
AUTO REP/SERV(75)	1.276	1.308	1.361	1.414	1.532	1.726
MISC. BUSI. SERV.(73	4.956	5.202	5.585	5.979	7.103	8.662
AMUSE.&RECREATION(79	1.289	1.328	1.378	1.433	1.604	1.813
MOTION PICTURES(78)	.261	.263	.271	.276	.313	.321
MEDICAL(80)	17.324	17.673	18.313	18.990	21.621	24.724
MISC. PROF. SERV.(81	2.349	2.429	2.546	2.670	3.119	3.669
EDUCTAION(82)	10.284	10.046	10.335	10.679	14.750	16.825
ON-PROFIT ORG.(83)	7.000	7.365	7.739	8.067	9.096	9.769
AGRI/FOR/FISH SERV.	.570	.571	.577	.583	.629	.736

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

WAGE AND SALARY DISBURSEMENTS (IN BILLIONS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.00715	.00791	.00877	.00960	.01276	.01619
FURNITURE(25)	.00253	.00275	.00297	.00316	.00382	.00442
STONE,CLAY,ETC.(32)	.01204	.01346	.01522	.01701	.02409	.03315
PRIMARY METALS(33)	.03980	.04436	.04987	.05538	.07720	.10619
FABRICATED METAL(34)	.17962	.19524	.21349	.23126	.30177	.37323
NON-ELEC MACHINE(35)	.21243	.23381	.26346	.29338	.42679	.61123
ELECT. EQUIPMENT(36)	.05055	.05771	.06440	.07055	.09490	.13008
MOTOR VEH.(371)	.00072	.00083	.00095	.00107	.00147	.00197
REST TRANS. EQUIP.	.02937	.03327	.03789	.04285	.06284	.09134
INSTRUMENTS(38)	.01780	.02017	.02298	.02588	.03903	.05986
MISC. MANUF.(39)	.07147	.07822	.08570	.09278	.11503	.15049
FOOD(20)	.04285	.04572	.04817	.05042	.05945	.06769
TOBACCO MANUF(21)	.00018	.00020	.00021	.00023	.00031	.00038
TEXTILES(22)	.02462	.02664	.02853	.03020	.03538	.04224
APPAREL(23)	.02195	.02369	.02593	.02806	.03560	.04646
PAPER(26)	.13784	.14697	.15850	.16908	.20854	.25239
PRINTING(27)	.11078	.11810	.12656	.13501	.17456	.22499
CHEMICALS(28)	.07216	.07814	.08592	.09334	.12335	.15487
PETRO PROD(29)	.00138	.00158	.00179	.00200	.00275	.00375
RUBBER(30)	.04097	.04716	.05476	.06149	.09108	.11514
LEATHER(31)	.00784	.00811	.00832	.00849	.00909	.00987
MINING	.00282	.00312	.00346	.00386	.00563	.00799
CONSTRUCTION	.11651	.12441	.13685	.14937	.20969	.29590
RAILROAD(40)	.00964	.01042	.01082	.01118	.01268	.01466
TRUCKING(42)	.04386	.04651	.05052	.05423	.07169	.09047
LOCAL/INTERURBAN(41)	.01543	.01665	.01806	.01941	.02599	.03582
AIR TRANSP.(45)	.00082	.00091	.00100	.00109	.00148	.00203
OTHER TRANSP.	.00747	.00799	.00882	.00969	.01342	.01928
COMMUNICATION(48)	.08580	.09441	.10377	.11224	.15249	.21685
PUBLIC UTILITIES(49)	.03768	.04022	.04292	.04584	.05690	.07342
BANKING(60)	.05085	.05443	.05944	.06440	.08647	.11659
INSURANCE(63+64)	.14680	.15855	.17400	.18904	.25632	.33488
CREDIT&FINANCE(61+62	.01976	.02187	.02512	.02845	.04179	.06119
REAL ESTATE(65,69)	.01350	.01584	.01789	.01980	.02733	.03865
EATING & DRINKING(58	.07583	.08003	.08526	.09163	.11963	.16826
REST OF RETAL(R52)	.26306	.28369	.30613	.32969	.43973	.59062
WHOLESALE	.20204	.21939	.23826	.25838	.33629	.46031
HOTELS(70)	.02176	.02430	.02671	.02963	.04239	.05794
PER. SERV. & REPR.	.03912	.04212	.04641	.05048	.06686	.09242
PRIVATE HOUSEHOLD	.00997	.01029	.01079	.01131	.01393	.01685
AUTO REP/SERV(75)	.01558	.01679	.01853	.02044	.02757	.03935
MISC. BUSI. SERV.(73	.07240	.08052	.09231	.10542	.15785	.24547
AMUSE.&RECREATION(79	.01190	.01280	.01403	.01542	.02133	.03049
MOTION PICTURES(78)	.00264	.00285	.00316	.00345	.00502	.00663
MEDICAL(80)	.24111	.26132	.28980	.32136	.46585	.68724
MISC. PROF. SERV.(81	.05246	.05759	.06456	.07231	.10688	.16098
EDUCTAION(82)	.11766	.11956	.12945	.14110	.24510	.36611
NON-PROFIT ORG.(83)	.05517	.06041	.06685	.07356	.10238	.13924
AGRI/FOR/FISH SERV.	.00583	.00597	.00624	.00657	.00844	.01222

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

INTERMEDIATE EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.021	.022	.023	.023	.024	.024
FURNITURE(25)	.000	.000	.000	.000	.000	.000
STONE,CLAY,ETC.(32)	.347	.358	.371	.381	.404	.410
PRIMARY METALS(33)	.107	.110	.114	.117	.122	.125
FABRICATED METAL(34)	.603	.627	.651	.669	.721	.735
NON-ELEC MACHINE(35)	.336	.347	.363	.376	.423	.463
ELECT. EQUIPMENT(36)	.105	.112	.117	.121	.131	.143
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.077	.080	.084	.087	.100	.111
INSTRUMENTS(38)	.087	.089	.093	.095	.108	.127
MISC. MANUF.(39)	.076	.078	.080	.081	.079	.081
FOOD(20)	.108	.109	.109	.109	.107	.100
TOBACCO MANUF(21)	.001	.001	.001	.001	.001	.001
TEXTILES(22)	.086	.088	.090	.090	.087	.085
APPAREL(23)	.020	.021	.022	.022	.023	.024
PAPER(26)	.318	.324	.329	.332	.332	.320
PRINTING(27)	1.172	1.193	1.211	1.223	1.288	1.331
CHEMICALS(28)	.128	.130	.134	.136	.143	.142
PETRO PROD(29)	.010	.010	.009	.009	.009	.009
RUBBER(30)	.112	.122	.134	.143	.174	.184
LEATHER(31)	.005	.005	.005	.005	.004	.004
MINING	.083	.085	.086	.089	.100	.116
CONSTRUCTION	.761	.781	.816	.846	.971	1.094
RAILROAD(40)	.131	.134	.130	.125	.113	.103
TRUCKING(42)	.823	.842	.874	.894	.984	1.012
LOCAL/INTERURBAN(41)	.250	.250	.250	.248	.250	.255
AIR TRANSP.(45)	.007	.007	.007	.007	.008	.008
OTHER TRANSP.	.169	.172	.177	.182	.192	.208
COMMUNICATION(48)	1.241	1.287	1.322	1.340	1.449	1.626
PUBLIC UTILITIES(49)	.763	.776	.782	.788	.789	.807
BANKING(60)	1.136	1.160	1.197	1.225	1.328	1.423
INSURANCE(63+64)	1.672	1.707	1.756	1.791	1.939	2.002
CREDIT&FINANCE(61+62	.198	.198	.205	.212	.234	.260
REAL ESTATE(65,69)	.162	.175	.180	.182	.188	.200
EATING & DRINKING(58	2.404	2.472	2.534	2.610	2.851	3.249
REST OF RETAL(R52)	1.165	1.209	1.242	1.269	1.382	1.481
WHOLESALE	4.381	4.484	4.548	4.604	4.680	4.917
HOTELS(70)	.113	.119	.123	.128	.144	.152
PER. SERV. & REPR.	.809	.827	.856	.874	.914	.977
PRIVATE HOUSEHOLD	.000	.000	.000	.000	.000	.000
AUTO REP/SERV(75)	.401	.413	.432	.450	.490	.555
MISC. BUSI. SERV.(73	3.418	3.493	3.665	3.848	4.368	5.145
AMUSE.&RECREATION(79	.271	.279	.288	.298	.327	.363
MOTION PICTURES(78)	.085	.086	.089	.091	.103	.106
MEDICAL(80)	.349	.356	.369	.383	.435	.496
MISC. PROF. SERV.(81	1.363	1.407	1.472	1.539	1.784	2.078
EDUCTAION(82)	.144	.140	.144	.148	.203	.226
ON-PROFIT ORG.(83)	.959	.984	1.011	1.031	1.097	1.121
AGRI/FOR/FISH SERV.	.291	.297	.303	.310	.342	.403

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

INDUCED EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.002	.002	.002	.002	.002	.002
FURNITURE(25)	.004	.004	.004	.004	.005	.005
STONE,CLAY,ETC.(32)	.041	.042	.044	.045	.049	.050
PRIMARY METALS(33)	.000	.000	.000	.000	.000	.000
FABRICATED METAL(34)	.073	.077	.080	.083	.091	.094
NON-ELEC MACHINE(35)	.256	.265	.277	.287	.320	.338
ELECT. EQUIPMENT(36)	.122	.130	.135	.140	.151	.162
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.357	.355	.359	.364	.409	.427
INSTRUMENTS(38)	.151	.153	.159	.163	.185	.215
MISC. MANUF.(39)	.103	.105	.106	.107	.105	.110
FOOD(20)	.243	.248	.250	.252	.258	.252
TOBACCO MANUF(21)	.025	.027	.028	.029	.033	.032
TEXTILES(22)	.017	.018	.018	.018	.018	.019
APPAREL(23)	.085	.087	.090	.092	.095	.099
PAPER(26)	.026	.026	.027	.028	.029	.029
PRINTING(27)	.267	.271	.276	.281	.302	.322
CHEMICALS(28)	.039	.040	.042	.043	.047	.049
PETRO PROD(29)	.007	.007	.007	.007	.007	.007
RUBBER(30)	.022	.024	.026	.028	.035	.038
LEATHER(31)	.015	.015	.014	.014	.013	.011
MINING	.002	.002	.002	.002	.003	.003
CONSTRUCTION	4.556	4.648	4.840	4.998	5.695	6.390
RAILROAD(40)	.054	.055	.053	.052	.048	.045
TRUCKING(42)	.376	.386	.401	.413	.464	.488
LOCAL/INTERURBAN(41)	.594	.595	.595	.591	.607	.629
AIR TRANSP.(45)	.007	.007	.008	.008	.008	.009
OTHER TRANSP.	.093	.095	.097	.099	.103	.110
COMMUNICATION(48)	.953	.986	1.013	1.029	1.126	1.283
PUBLIC UTILITIES(49)	.588	.599	.606	.613	.623	.647
BANKING(60)	2.012	2.049	2.112	2.161	2.358	2.543
INSURANCE(63+64)	1.068	1.089	1.120	1.145	1.255	1.308
CREDIT&FINANCE(61+62	.380	.378	.391	.403	.445	.496
REAL ESTATE(65,69)	.515	.552	.567	.575	.594	.631
EATING & DRINKING(58	6.666	6.819	6.963	7.161	7.854	8.953
REST OF RETAL(R52)	21.073	21.911	22.538	23.103	25.471	27.510
WHOLESALE	4.417	4.528	4.604	4.682	4.844	5.175
HOTELS(70)	.208	.219	.225	.234	.267	.286
PER. SERV. & REPR.	2.238	2.286	2.366	2.417	2.553	2.753
PRIVATE HOUSEHOLD	1.358	1.302	1.265	1.233	1.197	1.138
AUTO REP/SERV(75)	.795	.816	.850	.885	.968	1.099
MISC. BUSI. SERV.(73	.410	.420	.443	.467	.537	.646
AMUSE.&RECREATION(79	.930	.955	.987	1.023	1.139	1.278
MOTION PICTURES(78)	.150	.152	.158	.162	.188	.197
MEDICAL(80)	14.325	14.617	15.144	15.707	17.921	20.510
MISC. PROF. SERV.(81	.589	.608	.637	.667	.781	.919
EDUCTAION(82)	4.164	4.024	4.099	4.200	5.676	6.298
NON-PROFIT ORG.(83)	3.882	3.971	4.070	4.154	4.457	4.595
AGRI/FOR/FISH SERV.	.210	.215	.221	.228	.258	.313

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

EXPORT EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.483	.505	.524	.538	.570	.571
FURNITURE(25)	.156	.159	.160	.160	.153	.138
STONE,CLAY,ETC.(32)	.197	.218	.242	.263	.327	.386
PRIMARY METALS(33)	1.927	2.035	2.149	2.244	2.504	2.723
FABRICATED METAL(34)	8.266	8.462	8.647	8.766	9.044	8.758
NON-ELEC MACHINE(35)	8.797	9.089	9.550	9.936	11.387	12.780
ELECT. EQUIPMENT(36)	2.086	2.229	2.310	2.356	2.476	2.646
MOTOR VEH.(371)	.026	.027	.029	.030	.032	.033
REST TRANS. EQUIP.	.679	.742	.802	.859	.991	1.158
INSTRUMENTS(38)	.549	.598	.644	.685	.834	1.014
MISC. MANUF.(39)	4.320	4.445	4.547	4.604	4.510	4.631
FOOD(20)	2.025	2.048	2.024	1.986	1.856	1.649
TOBACCO MANUF(21)	.000	.000	.000	.000	.000	.000
TEXTILES(22)	1.403	1.441	1.452	1.448	1.368	1.301
APPAREL(23)	1.842	1.902	1.971	2.016	2.078	2.162
PAPER(26)	6.402	6.474	6.565	6.587	6.509	6.225
PRINTING(27)	4.721	4.793	4.843	4.869	5.065	5.150
CHEMICALS(28)	2.580	2.619	2.683	2.720	2.825	2.773
PETRO PROD(29)	.035	.039	.042	.045	.051	.056
RUBBER(30)	2.312	2.535	2.777	2.940	3.506	3.503
LEATHER(31)	.572	.565	.548	.528	.457	.395
MINING	.047	.053	.059	.064	.081	.087
CONSTRUCTION	.442	.406	.380	.353	.282	.213
RAILROAD(40)	.146	.149	.145	.141	.130	.120
TRUCKING(42)	1.075	1.085	1.110	1.120	1.173	1.145
LOCAL/INTERURBAN(41)	.602	.649	.692	.726	.847	.975
AIR TRANSP.(45)	.015	.016	.016	.017	.019	.021
OTHER TRANSP.	.219	.225	.239	.252	.302	.363
COMMUNICATION(48)	.985	.998	1.006	1.001	1.012	1.057
PUBLIC UTILITIES(49)	.090	.083	.074	.067	.045	.031
BANKING(60)	.264	.246	.231	.215	.171	.130
INSURANCE(63+64)	5.421	5.529	5.686	5.791	6.227	6.398
CREDIT&FINANCE(61+62	.278	.316	.361	.399	.499	.594
REAL ESTATE(65,69)	.260	.303	.334	.358	.424	.500
EATING & DRINKING(58	3.120	3.130	3.133	3.148	3.172	3.313
REST OF RETAL(R52)	5.022	5.176	5.274	5.339	5.601	5.765
WHOLESALE	1.680	1.811	1.928	2.040	2.339	2.754
HOTELS(70)	2.130	2.255	2.329	2.429	2.771	2.979
PER. SERV. & REPR.	.696	.733	.782	.820	.927	1.077
PRIVATE HOUSEHOLD	.349	.369	.389	.404	.451	.474
AUTO REP/SERV(75)	.080	.079	.079	.079	.075	.072
MISC. BUSI. SERV.(73	1.128	1.289	1.477	1.665	2.198	2.871
AMUSE.&RECREATION(79	.087	.095	.103	.111	.138	.171
MOTION PICTURES(78)	.026	.025	.024	.023	.022	.018
MEDICAL(80)	2.649	2.700	2.800	2.900	3.266	3.718
MISC. PROF. SERV.(81	.396	.414	.438	.463	.554	.672
EDUCTAION(82)	5.976	5.881	6.093	6.331	8.871	10.301
ON-PROFIT ORG.(83)	2.160	2.411	2.659	2.881	3.542	4.053
GRI/FOR/FISH SERV.	.069	.060	.052	.045	.030	.020

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

EXOGENOUS EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.000	.000	.000	.000	.000	.000
FURNITURE(25)	.000	.000	.000	.000	.000	.000
STONE,CLAY,ETC.(32)	.000	.000	.000	.000	.000	.000
PRIMARY METALS(33)	.000	.000	.000	.000	.000	.000
FABRICATED METAL(34)	.000	.000	.000	.000	.000	.000
NON-ELEC MACHINE(35)	.000	.000	.000	.000	.000	.000
ELECT. EQUIPMENT(36)	.000	.000	.000	.000	.000	.000
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.000	.000	.000	.000	.000	.000
INSTRUMENTS(38)	.000	.000	.000	.000	.000	.000
MISC. MANUF.(39)	.000	.000	.000	.000	.000	.000
FOOD(20)	.000	.000	.000	.000	.000	.000
TOBACCO MANUF(21)	.000	.000	.000	.000	.000	.000
TEXTILES(22)	.000	.000	.000	.000	.000	.000
APPAREL(23)	.000	.000	.000	.000	.000	.000
PAPER(26)	.000	.000	.000	.000	.000	.000
PRINTING(27)	.000	.000	.000	.000	.000	.000
CHEMICALS(28)	.000	.000	.000	.000	.000	.000
PETRO PROD(29)	.000	.000	.000	.000	.000	.000
RUBBER(30)	.000	.000	.000	.000	.000	.000
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.000	.000	.000	.000	.000	.000
CONSTRUCTION	.000	.000	.000	.000	.000	.000
RAILROAD(40)	.000	.000	.000	.000	.000	.000
TRUCKING(42)	.000	.000	.000	.000	.000	.000
LOCAL/INTERURBAN(41)	.000	.000	.000	.000	.000	.000
AIR TRANSP.(45)	.000	.000	.000	.000	.000	.000
OTHER TRANSP.	.000	.000	.000	.000	.000	.000
COMMUNICATION(48)	.000	.000	.000	.000	.000	.000
PUBLIC UTILITIES(49)	.000	.000	.000	.000	.000	.000
BANKING(60)	.000	.000	.000	.000	.000	.000
INSURANCE(63+64)	.000	.000	.000	.000	.000	.000
CREDIT&FINANCE(61+62	.000	.000	.000	.000	.000	.000
REAL ESTATE(65,69)	.000	.000	.000	.000	.000	.000
EATING & DRINKING(58	.000	.000	.000	.000	.000	.000
REST OF RETAL(R52)	.000	.000	.000	.000	.000	.000
WHOLESALE	.000	.000	.000	.000	.000	.000
HOTELS(70)	.000	.000	.000	.000	.000	.000
PER. SERV. & REPR.	.000	.000	.000	.000	.000	.000
PRIVATE HOUSEHOLD	.000	.000	.000	.000	.000	.000
AUTO REP/SERV(75)	.000	.000	.000	.000	.000	.000
MISC. BUSI. SERV.(73	.000	.000	.000	.000	.000	.000
AMUSE.&RECREATION(79	.000	.000	.000	.000	.000	.000
MOTION PICTURES(78)	.000	.000	.000	.000	.000	.000
MEDICAL(80)	.000	.000	.000	.000	.000	.000
MISC. PROF. SERV.(81	.000	.000	.000	.000	.000	.000
EDUCTAION(82)	.000	.000	.000	.000	.000	.000
NON-PROFIT ORG.(83)	.000	.000	.000	.000	.000	.000
AGRI/FOR/FISH SERV.	.000	.000	.000	.000	.000	.000

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

PRODUCTION COSTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.95351	.95353	.95355	.95342	.95273	.95127
FURNITURE(25)	.99211	.99401	.99550	.99646	.99798	.99681
STONE,CLAY,ETC.(32)	.99302	.99125	.98983	.98846	.98455	.98090
PRIMARY METALS(33)	.90944	.90888	.90842	.90793	.90640	.90469
FABRICATED METAL(34)	.96588	.96665	.96725	.96754	.96766	.96623
NON-ELEC MACHINE(35)	.98864	.98994	.99099	.99163	.99264	.99174
ELECT. EQUIPMENT(36)	.94657	.94749	.94821	.94859	.94887	.94744
MOTOR VEH.(371)	1.01589	1.01931	1.02209	1.02419	1.02879	1.02987
REST TRANS. EQUIP.	.84866	.84878	.84889	.84885	.84825	.84672
INSTRUMENTS(38)	1.01147	1.00954	1.00799	1.00652	1.00240	.99867
MISC. MANUF.(39)	.97577	.97560	.97544	.97514	.97389	.97183
FOOD(20)	.99305	.99214	.99141	.99072	.98880	.98708
TOBACCO MANUF(21)	.88060	.87693	.87404	.87165	.86588	.86273
TEXTILES(22)	1.05073	1.05079	1.05076	1.05052	1.04914	1.04651
APPAREL(23)	.99720	.99536	.99385	.99243	.98837	.98472
PAPER(26)	.95974	.95743	.95557	.95394	.94966	.94648
PRINTING(27)	.96895	.96756	.96641	.96528	.96193	.95854
CHEMICALS(28)	1.02392	1.02340	1.02299	1.02251	1.02098	1.01902
PETRO PROD(29)	1.42540	1.42439	1.42360	1.42291	1.42113	1.41988
RUBBER(30)	.96214	.95968	.95772	.95599	.95141	.94796
LEATHER(31)	1.03126	1.02940	1.02788	1.02641	1.02215	1.01817
MINING	.92367	.91889	.91514	.91195	.90401	.89902
CONSTRUCTION	.96431	.96354	.96289	.96216	.95980	.95709
RAILROAD(40)	.95935	.95623	.95385	.95180	.94700	.94353
TRUCKING(42)	.95446	.95079	.94783	.94517	.93803	.93238
LOCAL/INTERURBAN(41)	.91895	.91749	.91660	.91587	.91496	.91481
AIR TRANSP.(45)	.97941	.97920	.97903	.97861	.97723	.97478
OTHER TRANSP.	.82867	.82571	.82338	.82136	.81633	.81285
COMMUNICATION(48)	.99547	.99485	.99435	.99363	.99106	.98756
PUBLIC UTILITIES(49)	.99913	.99741	.99607	.99486	.99170	.98939
BANKING(60)	.93288	.93008	.92790	.92594	.92106	.91732
INSURANCE(63+64)	.95489	.95387	.95306	.95216	.94943	.94615
CREDIT&FINANCE(61+62	.89755	.89276	.88908	.88603	.87889	.87439
REAL ESTATE(65,69)	.99234	.99200	.99185	.99157	.99072	.98961
EATING & DRINKING(58	.96334	.96081	.95878	.95700	.95260	.94946
REST OF RETAL(R52)	.88570	.88142	.87803	.87511	.86791	.86299
WHOLESALE	.93963	.93690	.93473	.93277	.92775	.92375
HOTELS(70)	.91564	.91245	.90995	.90777	.90270	.89918
PER. SERV. & REPR.	.95386	.95223	.95099	.94980	.94676	.94415
PRIVATE HOUSEHOLD	1.20209	1.19752	1.19486	1.19323	1.19422	1.19803
AUTO REP/SERV(75)	.97680	.97597	.97535	.97472	.97297	.97134
MISC. BUSI. SERV.(73	.96179	.96074	.95995	.95911	.95684	.95443
AMUSE.&RECREATION(79	.92469	.92222	.92031	.91858	.91444	.91123
MOTION PICTURES(78)	.83655	.83610	.83576	.83532	.83399	.83215
MEDICAL(80)	.85293	.84866	.84532	.84251	.83609	.83226
MISC. PROF. SERV.(81	.95610	.95332	.95112	.94908	.94359	.93903
EDUCTAION(82)	1.01951	1.01835	1.01768	1.01714	1.01858	1.02113
NON-PROFIT ORG.(83)	.84226	.83678	.83274	.82958	.82351	.82097
'GRI/FOR/FISH SERV.	.99190	.98499	.97955	.97505	.96420	.95784

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

FACTOR COSTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.88774	.88949	.89089	.89170	.89271	.89073
FURNITURE(25)	.99357	.99855	1.00244	1.00507	1.00964	1.00777
STONE,CLAY,ETC.(32)	.99656	.99404	.99201	.99003	.98432	.97892
PRIMARY METALS(33)	.78160	.78060	.77977	.77884	.77578	.77217
FABRICATED METAL(34)	.93185	.93399	.93566	.93661	.93759	.93495
NON-ELEC MACHINE(35)	.98562	.98867	.99111	.99271	.99547	.99421
ELECT. EQUIPMENT(36)	.89330	.89578	.89773	.89889	.90040	.89804
MOTOR VEH.(371)	1.06840	1.08014	1.08964	1.09692	1.11311	1.11770
REST TRANS. EQUIP.	.69298	.69357	.69408	.69425	.69371	.69116
INSTRUMENTS(38)	1.03400	1.03068	1.02801	1.02546	1.01828	1.01175
MISC. MANUF.(39)	.95431	.95462	.95481	.95457	.95276	.94868
FOOD(20)	.99581	.99462	.99367	.99275	.99017	.98779
TOBACCO MANUF(21)	.81908	.81356	.80920	.80562	.79697	.79232
TEXTILES(22)	1.15483	1.15547	1.15575	1.15538	1.15228	1.14544
APPAREL(23)	.99866	.99397	.99010	.98647	.97602	.96662
PAPER(26)	.91518	.91021	.90623	.90274	.89359	.88688
PRINTING(27)	.93084	.92779	.92524	.92273	.91521	.90756
CHEMICALS(28)	1.06365	1.06295	1.06241	1.06168	1.05915	1.05558
PETRO PROD(29)	1.47374	1.47270	1.47188	1.47117	1.46933	1.46807
RUBBER(30)	.92129	.91608	.91190	.90823	.89853	.89133
LEATHER(31)	1.06425	1.06103	1.05839	1.05584	1.04838	1.04138
MINING	.90465	.89858	.89381	.88977	.87976	.87356
CONSTRUCTION	.94371	.94287	.94213	.94119	.93781	.93350
RAILROAD(40)	.94888	.94425	.94071	.93772	.93087	.92613
TRUCKING(42)	.94515	.94044	.93664	.93323	.92405	.91684
LOCAL/INTERURBAN(41)	.90399	.90237	.90142	.90066	.89993	.90010
AIR TRANSP.(45)	.98195	.98197	.98197	.98161	.98025	.97732
OTHER TRANSP.	.73787	.73344	.72994	.72694	.71951	.71450
COMMUNICATION(48)	1.00157	1.00096	1.00045	.99964	.99656	.99211
PUBLIC UTILITIES(49)	1.00209	1.00027	.99884	.99756	.99423	.99185
BANKING(60)	.92108	.91779	.91523	.91293	.90724	.90293
INSURANCE(63+64)	.93732	.93612	.93514	.93401	.93038	.92572
CREDIT&FINANCE(61+62	.79625	.78663	.77923	.77322	.75939	.75122
REAL ESTATE(65,69)	.99428	.99400	.99391	.99368	.99294	.99191
EATING & DRINKING(58	.93445	.92969	.92586	.92251	.91431	.90859
REST OF RETAL(R52)	.86358	.85849	.85445	.85098	.84246	.83671
WHOLESALE	.92752	.92425	.92165	.91932	.91333	.90861
HOTELS(70)	.87497	.87026	.86656	.86338	.85604	.85113
PER. SERV. & REPR.	.93481	.93256	.93084	.92921	.92508	.92157
PRIVATE HOUSEHOLD	1.20209	1.19752	1.19486	1.19323	1.19422	1.19803
AUTO REP/SERV(75)	.96257	.96128	.96033	.95933	.95656	.95390
MISC. BUSI. SERV.(73	.94735	.94604	.94506	.94399	.94115	.93805
AMUSE.&RECREATION(79	.90199	.89891	.89652	.89438	.88929	.88538
MOTION PICTURES(78)	.70770	.70736	.70710	.70667	.70519	.70265
MEDICAL(80)	.79789	.79214	.78764	.78387	.77534	.77043
MISC. PROF. SERV.(81	.94867	.94531	.94265	.94019	.93354	.92804
EDUCTAION(82)	.99340	.99210	.99140	.99086	.99324	.99704
NON-PROFIT ORG.(83)	.77941	.77185	.76630	.76201	.75393	.75087
AGRI/FOR/FISH SERV.	.99639	.98635	.97844	.97192	.95629	.94729

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

ABOR COSTS (WAGES) RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.77726	.78020	.78248	.78389	.78595	.78333
FURNITURE(25)	.96906	.97558	.98065	.98413	.99028	.98810
STONE,CLAY,ETC.(32)	.93055	.92722	.92446	.92175	.91372	.90573
PRIMARY METALS(33)	.58643	.58597	.58553	.58486	.58220	.57826
FABRICATED METAL(34)	.87551	.87860	.88098	.88240	.88407	.88073
NON-ELEC MACHINE(35)	.95165	.95621	.95983	.96226	.96660	.96511
ELECT. EQUIPMENT(36)	.84303	.84626	.84878	.85033	.85246	.84970
MOTOR VEH.(371)	1.09627	1.11756	1.13482	1.14822	1.17846	1.18758
REST TRANS. EQUIP.	.61231	.61305	.61366	.61389	.61341	.61063
INSTRUMENTS(38)	1.03070	1.02622	1.02257	1.01912	1.00944	1.00069
MISC. MANUF.(39)	.90547	.90604	.90639	.90618	.90405	.89881
FOOD(20)	.93529	.93089	.92728	.92389	.91441	.90582
TOBACCO MANUF(21)	.18378	.17411	.16671	.16092	.14777	.14134
TEXTILES(22)	1.22794	1.22932	1.22992	1.22941	1.22428	1.21245
APPAREL(23)	.98474	.97949	.97514	.97107	.95937	.94888
PAPER(26)	.76077	.75338	.74741	.74225	.72881	.71907
PRINTING(27)	.88837	.88434	.88090	.87756	.86758	.85744
CHEMICALS(28)	.94784	.94722	.94663	.94564	.94174	.93518
PETRO PROD(29)	.77698	.76440	.75439	.74606	.72548	.71247
RUBBER(30)	.83427	.82660	.82041	.81503	.80093	.79062
LEATHER(31)	1.08682	1.08170	1.07744	1.07340	1.06156	1.05053
MINING	.59736	.58271	.57121	.56185	.53937	.52645
CONSTRUCTION	.87829	.87721	.87614	.87472	.86930	.86201
RAILROAD(40)	.93556	.93001	.92576	.92218	.91404	.90844
TRUCKING(42)	.91057	.90318	.89715	.89186	.87771	.86683
LOCAL/INTERURBAN(41)	.76609	.76309	.76132	.76015	.76019	.76235
AIR TRANSP.(45)	.96658	.96696	.96714	.96675	.96510	.96064
OTHER TRANSP.	.57191	.56582	.56099	.55692	.54696	.54044
COMMUNICATION(48)	1.01605	1.01552	1.01484	1.01366	1.00859	1.00049
PUBLIC UTILITIES(49)	.95460	.94331	.93425	.92656	.90725	.89449
BANKING(60)	.85884	.85355	.84936	.84571	.83683	.83035
INSURANCE(63+64)	.90746	.90594	.90466	.90321	.89851	.89234
CREDIT&FINANCE(61+62	.78586	.77609	.76858	.76248	.74844	.74016
REAL ESTATE(65,69)	.98464	.98999	.99469	.99844	1.00838	1.01155
EATING & DRINKING(58	.86278	.85474	.84823	.84263	.82905	.81980
REST OF RETAL(R52)	.76123	.75378	.74784	.74282	.73058	.72250
WHOLESALE	.85518	.84999	.84583	.84214	.83279	.82553
HOTELS(70)	.81349	.80795	.80361	.79988	.79134	.78567
PER. SERV. & REPR.	.86328	.85966	.85680	.85421	.84778	.84249
PRIVATE HOUSEHOLD	1.20209	1.19752	1.19486	1.19323	1.19422	1.19804
AUTO REP/SERV(75)	.84727	.84416	.84164	.83924	.83280	.82682
MISC. BUSI. SERV.(73	.89198	.89002	.88847	.88687	.88270	.87807
AMUSE.&RECREATION(79	.84150	.83705	.83355	.83047	.82330	.81793
MOTION PICTURES(78)	.56363	.56336	.56314	.56271	.56121	.55837
MEDICAL(80)	.70710	.69968	.69384	.68903	.67826	.67225
MISC. PROF. SERV.(81	.90323	.89731	.89251	.88822	.87675	.86755
DUCTAION(82)	.97726	.97589	.97514	.97458	.97709	.98110
ON-PROFIT ORG.(83)	.74791	.73994	.73409	.72958	.72109	.71789
AGRI/FOR/FISH SERV.	.95909	.93704	.91978	.90582	.87303	.85492

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

FUEL COSTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.37081	1.37081	1.37081	1.37081	1.37081	1.37081
FURNITURE(25)	1.48876	1.48876	1.48876	1.48876	1.48876	1.48876
STONE,CLAY,ETC.(32)	1.39896	1.39896	1.39896	1.39896	1.39896	1.39896
PRIMARY METALS(33)	1.40221	1.40221	1.40221	1.40221	1.40221	1.40221
FABRICATED METAL(34)	1.51812	1.51812	1.51812	1.51812	1.51812	1.51812
NON-ELEC MACHINE(35)	1.50511	1.50511	1.50511	1.50511	1.50511	1.50511
ELECT. EQUIPMENT(36)	1.53107	1.53107	1.53107	1.53107	1.53107	1.53107
MOTOR VEH.(371)	1.48702	1.48702	1.48702	1.48702	1.48702	1.48702
REST TRANS. EQUIP.	1.48702	1.48702	1.48702	1.48702	1.48702	1.48702
INSTRUMENTS(38)	1.44968	1.44968	1.44968	1.44968	1.44968	1.44968
MISC. MANUF.(39)	1.47649	1.47649	1.47649	1.47649	1.47649	1.47649
FOOD(20)	1.43839	1.43839	1.43839	1.43839	1.43839	1.43839
TOBACCO MANUF(21)	1.34059	1.34059	1.34059	1.34059	1.34059	1.34059
TEXTILES(22)	1.41667	1.41667	1.41667	1.41667	1.41667	1.41667
APPAREL(23)	1.49082	1.49082	1.49082	1.49082	1.49082	1.49082
PAPER(26)	1.30979	1.30979	1.30979	1.30979	1.30979	1.30979
PRINTING(27)	1.53757	1.53757	1.53757	1.53757	1.53757	1.53757
CHEMICALS(28)	1.46974	1.46974	1.46974	1.46974	1.46974	1.46974
PETRO PROD(29)	1.60657	1.60657	1.60657	1.60657	1.60657	1.60657
RUBBER(30)	1.47045	1.47045	1.47045	1.47045	1.47045	1.47045
LEATHER(31)	1.40742	1.40742	1.40742	1.40742	1.40742	1.40742
MINING	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
CONSTRUCTION	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
RAILROAD(40)	1.02034	1.02034	1.02034	1.02034	1.02034	1.02034
TRUCKING(42)	1.02034	1.02034	1.02034	1.02034	1.02034	1.02034
LOCAL/INTERURBAN(41)	1.02034	1.02034	1.02034	1.02034	1.02034	1.02034
AIR TRANSP.(45)	1.02034	1.02034	1.02034	1.02034	1.02034	1.02034
OTHER TRANSP.	1.02034	1.02034	1.02034	1.02034	1.02034	1.02034
COMMUNICATION(48)	1.02034	1.02034	1.02034	1.02034	1.02034	1.02034
PUBLIC UTILITIES(49)	1.02034	1.02034	1.02034	1.02034	1.02034	1.02034
BANKING(60)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
INSURANCE(63+64)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
CREDIT&FINANCE(61+62	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
REAL ESTATE(65,69)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
EATING & DRINKING(58	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
REST OF RETAL(R52)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
WHOLESALE	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
HOTELS(70)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
PER. SERV. & REPR.	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
PRIVATE HOUSEHOLD	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
AUTO REP/SERV(75)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
MISC. BUSI. SERV.(73	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
AMUSE.&RECREATION(79	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
MOTION PICTURES(78)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
MEDICAL(80)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
MISC. PROF. SERV.(81	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
EDUCTAION(82)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
NON-PROFIT ORG.(83)	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048
AGRI/FOR/FISH SERV.	1.25048	1.25048	1.25048	1.25048	1.25048	1.25048

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

PITAL COSTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.99262	.99213	.99189	.99153	.99053	.98956
FURNITURE(25)	1.00368	1.00328	1.00306	1.00275	1.00184	1.00094
STONE,CLAY,ETC.(32)	.99167	.99116	.99091	.99053	.98947	.98846
PRIMARY METALS(33)	.99222	.99172	.99149	.99113	.99012	.98917
FABRICATED METAL(34)	.99998	.99956	.99936	.99906	.99819	.99736
NON-ELEC MACHINE(35)	1.00316	1.00278	1.00259	1.00230	1.00150	1.00071
ELECT. EQUIPMENT(36)	1.00089	1.00047	1.00025	.99994	.99904	.99816
MOTOR VEH.(371)	1.00199	1.00159	1.00139	1.00109	1.00024	.99942
REST TRANS. EQUIP.	1.00199	1.00159	1.00139	1.00109	1.00024	.99942
INSTRUMENTS(38)	.99988	.99942	.99919	.99885	.99787	.99690
MISC. MANUF.(39)	1.00494	1.00457	1.00439	1.00412	1.00334	1.00258
FOOD(20)	.99819	.99773	.99750	.99717	.99620	.99525
TOBACCO MANUF(21)	1.00529	1.00493	1.00475	1.00448	1.00371	1.00296
TEXTILES(22)	.99918	.99875	.99853	.99822	.99732	.99645
APPAREL(23)	1.01175	1.01148	1.01134	1.01114	1.01057	1.01001
PAPER(26)	.99019	.98969	.98946	.98910	.98809	.98715
PRINTING(27)	.99336	.99287	.99262	.99226	.99122	.99021
CHEMICALS(28)	.99306	.99257	.99233	.99198	.99099	.99004
PETRO PROD(29)	.99166	.99109	.99079	.99036	.98910	.98784
RUBBER(30)	.99605	.99558	.99535	.99501	.99404	.99311
LEATHER(31)	1.00844	1.00812	1.00795	1.00771	1.00701	1.00631
MINING	.99201	.99138	.99103	.99055	.98912	.98766
CONSTRUCTION	1.00108	1.00067	1.00044	1.00013	.99919	.99825
RAILROAD(40)	.98923	.98854	.98815	.98762	.98605	.98445
TRUCKING(42)	.98923	.98854	.98815	.98762	.98605	.98445
LOCAL/INTERURBAN(41)	.98923	.98854	.98815	.98762	.98605	.98445
AIR TRANSP.(45)	.98923	.98854	.98815	.98762	.98605	.98445
OTHER TRANSP.	.98923	.98854	.98815	.98762	.98605	.98445
COMMUNICATION(48)	.98923	.98854	.98815	.98762	.98605	.98445
PUBLIC UTILITIES(49)	.98923	.98854	.98815	.98762	.98605	.98445
BANKING(60)	.99217	.99165	.99136	.99096	.98976	.98855
INSURANCE(63+64)	.99217	.99165	.99136	.99096	.98976	.98855
CREDIT&FINANCE(61+62	.99217	.99165	.99136	.99096	.98976	.98855
REAL ESTATE(65,69)	.99217	.99165	.99136	.99096	.98976	.98855
EATING & DRINKING(58	1.00643	1.00607	1.00587	1.00559	1.00476	1.00392
REST OF RETAL(R52)	1.00643	1.00607	1.00587	1.00559	1.00476	1.00392
WHOLESALE	1.01099	1.01069	1.01053	1.01030	1.00963	1.00895
HOTELS(70)	.99172	.99113	.99080	.99035	.98901	.98765
PER. SERV. & REPR.	.99172	.99113	.99080	.99035	.98901	.98765
PRIVATE HOUSEHOLD	.99172	.99113	.99080	.99035	.98901	.98765
AUTO REP/SERV(75)	.99172	.99113	.99080	.99035	.98901	.98765
MISC. BUSI. SERV.(73	.99172	.99113	.99080	.99035	.98901	.98765
AMUSE.&RECREATION(79	.99172	.99113	.99080	.99035	.98901	.98765
MOTION PICTURES(78)	.99172	.99113	.99080	.99035	.98901	.98765
MEDICAL(80)	.99172	.99113	.99080	.99035	.98901	.98765
MISC. PROF. SERV.(81	.99172	.99113	.99080	.99035	.98901	.98765
UCTAION(82)	.99172	.99113	.99080	.99035	.98901	.98765
ON-PROFIT ORG.(83)	.99172	.99113	.99080	.99035	.98901	.98765
AGRI/FOR/FISH SERV.	.99172	.99113	.99080	.99035	.98901	.98765

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

INTERMEDIATE INPUT COSTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.99364	.99260	.99178	.99108	.98935	.98821
FURNITURE(25)	.99103	.99067	.99038	.99011	.98938	.98872
STONE,CLAY,ETC.(32)	.98837	.98759	.98698	.98640	.98485	.98350
PRIMARY METALS(33)	.99177	.99149	.99127	.99106	.99052	.99003
FABRICATED METAL(34)	.99154	.99128	.99107	.99087	.99033	.98981
NON-ELEC MACHINE(35)	.99131	.99107	.99088	.99068	.99012	.98955
ELECT. EQUIPMENT(36)	.98989	.98954	.98927	.98901	.98829	.98762
MOTOR VEH.(371)	.99300	.99280	.99264	.99248	.99204	.99159
REST TRANS. EQUIP.	.97984	.97956	.97934	.97911	.97846	.97778
INSTRUMENTS(38)	.98834	.98784	.98745	.98708	.98610	.98524
MISC. MANUF.(39)	.98888	.98842	.98805	.98771	.98680	.98598
FOOD(20)	.98964	.98907	.98862	.98820	.98711	.98620
TOBACCO MANUF(21)	.98732	.98687	.98652	.98621	.98543	.98487
TEXTILES(22)	.99730	.99707	.99688	.99670	.99621	.99574
APPAREL(23)	.99640	.99612	.99589	.99568	.99510	.99457
PAPER(26)	.99198	.99158	.99127	.99098	.99023	.98961
PRINTING(27)	.98862	.98809	.98767	.98725	.98606	.98487
CHEMICALS(28)	.99206	.99168	.99139	.99111	.99036	.98970
PETRO PROD(29)	.97565	.97499	.97447	.97399	.97268	.97155
RUBBER(30)	.99355	.99322	.99297	.99272	.99208	.99151
LEATHER(31)	.99410	.99377	.99351	.99327	.99261	.99203
MINING	.98838	.98799	.98769	.98739	.98651	.98564
CONSTRUCTION	.98362	.98291	.98235	.98183	.98042	.97920
RAILROAD(40)	.97620	.97552	.97498	.97445	.97296	.97152
TRUCKING(42)	.97570	.97440	.97338	.97244	.96992	.96783
LOCAL/INTERURBAN(41)	.97825	.97744	.97681	.97620	.97458	.97314
AIR TRANSP.(45)	.97312	.97234	.97174	.97118	.96973	.96850
OTHER TRANSP.	.95702	.95613	.95544	.95481	.95317	.95184
COMMUNICATION(48)	.98207	.98143	.98092	.98042	.97899	.97756
PUBLIC UTILITIES(49)	.97708	.97616	.97543	.97474	.97282	.97108
BANKING(60)	.97892	.97805	.97737	.97673	.97502	.97350
INSURANCE(63+64)	.97384	.97303	.97239	.97176	.97000	.96820
CREDIT&FINANCE(61+62	.97397	.97283	.97194	.97113	.96904	.96731
REAL ESTATE(65,69)	.98095	.98028	.97976	.97923	.97769	.97616
EATING & DRINKING(58	.98853	.98794	.98748	.98706	.98597	.98509
REST OF RETAL(R52)	.98222	.98150	.98095	.98041	.97899	.97769
WHOLESALE	.97726	.97619	.97537	.97459	.97255	.97080
HOTELS(70)	.98308	.98241	.98189	.98139	.98006	.97887
PER. SERV. & REPR.	.98476	.98413	.98365	.98318	.98192	.98077
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	.98998	.98958	.98926	.98897	.98818	.98749
MISC. BUSI. SERV.(73	.98565	.98504	.98457	.98410	.98278	.98150
AMUSE.&RECREATION(79	.97478	.97367	.97280	.97200	.96997	.96828
MOTION PICTURES(78)	.95650	.95595	.95552	.95509	.95389	.95270
MEDICAL(80)	.97776	.97687	.97617	.97552	.97386	.97250
MISC. PROF. SERV.(81	.97961	.97865	.97791	.97721	.97538	.97379
EDUCTAION(82)	1.10051	1.09978	1.09921	1.09866	1.09719	1.09586
NON-PROFIT ORG.(83)	.98234	.98148	.98081	.98018	.97858	.97722
AGRI/FOR/FISH SERV.	.98354	.98247	.98163	.98088	.97898	.97753

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

RODUCTION COSTS FOR LOCAL MKTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.95351	.95353	.95355	.95342	.95273	.95127
FURNITURE(25)	.99211	.99401	.99550	.99646	.99798	.99681
STONE,CLAY,ETC.(32)	.99302	.99125	.98983	.98846	.98455	.98090
PRIMARY METALS(33)	.90944	.90888	.90842	.90793	.90640	.90469
FABRICATED METAL(34)	.96588	.96665	.96725	.96754	.96766	.96623
NON-ELEC MACHINE(35)	.98864	.98994	.99099	.99163	.99264	.99174
ELECT. EQUIPMENT(36)	.94657	.94749	.94821	.94859	.94887	.94744
MOTOR VEH.(371)	1.01589	1.01931	1.02209	1.02419	1.02879	1.02987
REST TRANS. EQUIP.	.84866	.84878	.84889	.84885	.84825	.84672
INSTRUMENTS(38)	1.01147	1.00954	1.00799	1.00652	1.00240	.99867
MISC. MANUF.(39)	.97577	.97560	.97544	.97514	.97389	.97183
FOOD(20)	.99305	.99214	.99141	.99072	.98880	.98708
TOBACCO MANUF(21)	.88060	.87693	.87404	.87165	.86588	.86273
TEXTILES(22)	1.05073	1.05079	1.05076	1.05052	1.04914	1.04651
APPAREL(23)	.99720	.99536	.99385	.99243	.98837	.98472
PAPER(26)	.95974	.95743	.95557	.95394	.94966	.94648
PRINTING(27)	.96895	.96756	.96641	.96528	.96193	.95854
CHEMICALS(28)	1.02392	1.02340	1.02299	1.02251	1.02098	1.01902
PETRO PROD(29)	1.42540	1.42439	1.42360	1.42291	1.42113	1.41988
RUBBER(30)	.96214	.95968	.95772	.95599	.95141	.94796
LEATHER(31)	1.03126	1.02940	1.02788	1.02641	1.02215	1.01817
MINING	.92367	.91889	.91514	.91195	.90401	.89902
CONSTRUCTION	.96431	.96354	.96289	.96216	.95980	.95709
RAILROAD(40)	.95935	.95623	.95385	.95180	.94700	.94353
TRUCKING(42)	.95446	.95079	.94783	.94517	.93803	.93238
LOCAL/INTERURBAN(41)	.91895	.91749	.91660	.91587	.91496	.91481
AIR TRANSP.(45)	.97941	.97920	.97903	.97861	.97723	.97478
OTHER TRANSP.	.82867	.82571	.82338	.82136	.81633	.81285
COMMUNICATION(48)	.99547	.99485	.99435	.99363	.99106	.98756
PUBLIC UTILITIES(49)	.99913	.99741	.99607	.99486	.99170	.98939
BANKING(60)	.93288	.93008	.92790	.92594	.92106	.91732
INSURANCE(63+64)	.95489	.95387	.95306	.95216	.94943	.94615
CREDIT&FINANCE(61+62	.89755	.89276	.88908	.88603	.87889	.87439
REAL ESTATE(65,69)	.99234	.99200	.99185	.99157	.99072	.98961
EATING & DRINKING(58	.96334	.96081	.95878	.95700	.95260	.94946
REST OF RETAL(R52)	.88570	.88142	.87803	.87511	.86791	.86299
WHOLESALE	.93963	.93690	.93473	.93277	.92775	.92375
HOTELS(70)	.91564	.91245	.90995	.90777	.90270	.89918
PER. SERV. & REPR.	.95386	.95223	.95099	.94980	.94676	.94415
PRIVATE HOUSEHOLD	1.20209	1.19752	1.19486	1.19323	1.19422	1.19803
AUTO REP/SERV(75)	.97680	.97597	.97535	.97472	.97297	.97134
MISC. BUSI. SERV.(73	.96179	.96074	.95995	.95911	.95684	.95443
AMUSE.&RECREATION(79	.92469	.92222	.92031	.91858	.91444	.91123
MOTION PICTURES(78)	.83655	.83610	.83576	.83532	.83399	.83215
MEDICAL(80)	.85293	.84866	.84532	.84251	.83609	.83226
MISC. PROF. SERV.(81	.95610	.95332	.95112	.94908	.94359	.93903
DUCTAION(82)	1.01951	1.01835	1.01768	1.01714	1.01858	1.02113
NON-PROFIT ORG.(83)	.84226	.83678	.83274	.82958	.82351	.82097
AGRI/FOR/FISH SERV.	.99190	.98499	.97955	.97505	.96420	.95784

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

PRODUCTION COSTS FOR EXPORT MKTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.95351	.95353	.95355	.95342	.95273	.95127
FURNITURE(25)	.99211	.99401	.99550	.99646	.99798	.99681
STONE,CLAY,ETC.(32)	.99302	.99125	.98983	.98846	.98455	.98090
PRIMARY METALS(33)	.90944	.90888	.90842	.90793	.90640	.90469
FABRICATED METAL(34)	.96588	.96665	.96725	.96754	.96766	.96623
NON-ELEC MACHINE(35)	.98864	.98994	.99099	.99163	.99264	.99174
ELECT. EQUIPMENT(36)	.94657	.94749	.94821	.94859	.94887	.94744
MOTOR VEH.(371)	1.01589	1.01931	1.02209	1.02419	1.02879	1.02987
REST TRANS. EQUIP.	.84866	.84878	.84889	.84885	.84825	.84672
INSTRUMENTS(38)	1.01147	1.00954	1.00799	1.00652	1.00240	.99867
MISC. MANUF.(39)	.97577	.97560	.97544	.97514	.97389	.97183
FOOD(20)	.99305	.99214	.99141	.99072	.98880	.98708
TOBACCO MANUF(21)	.88060	.87693	.87404	.87165	.86588	.86273
TEXTILES(22)	1.05073	1.05079	1.05076	1.05052	1.04914	1.04651
APPAREL(23)	.99720	.99536	.99385	.99243	.98837	.98472
PAPER(26)	.95974	.95743	.95557	.95394	.94966	.94648
PRINTING(27)	.96895	.96756	.96641	.96528	.96193	.95854
CHEMICALS(28)	1.02392	1.02340	1.02299	1.02251	1.02098	1.01902
PETRO PROD(29)	1.42540	1.42439	1.42360	1.42291	1.42113	1.41988
RUBBER(30)	.96214	.95968	.95772	.95599	.95141	.94796
LEATHER(31)	1.03126	1.02940	1.02788	1.02641	1.02215	1.01817
MINING	.92367	.91889	.91514	.91195	.90401	.89902
CONSTRUCTION	.96431	.96354	.96289	.96216	.95980	.95709
RAILROAD(40)	.95935	.95623	.95385	.95180	.94700	.94353
TRUCKING(42)	.95446	.95079	.94783	.94517	.93803	.93238
LOCAL/INTERURBAN(41)	.91895	.91749	.91660	.91587	.91496	.91481
AIR TRANSP.(45)	.97941	.97920	.97903	.97861	.97723	.97478
OTHER TRANSP.	.82867	.82571	.82338	.82136	.81633	.81285
COMMUNICATION(48)	.99547	.99485	.99435	.99363	.99106	.98756
PUBLIC UTILITIES(49)	.99913	.99741	.99607	.99486	.99170	.98939
BANKING(60)	.93288	.93008	.92790	.92594	.92106	.91732
INSURANCE(63+64)	.95489	.95387	.95306	.95216	.94943	.94615
CREDIT&FINANCE(61+62	.89755	.89276	.88908	.88603	.87889	.87439
REAL ESTATE(65,69)	.99234	.99200	.99185	.99157	.99072	.98961
EATING & DRINKING(58	.96334	.96081	.95878	.95700	.95260	.94946
REST OF RETAL(R52)	.88570	.88142	.87803	.87511	.86791	.86299
WHOLESALE	.93963	.93690	.93473	.93277	.92775	.92375
HOTELS(70)	.91564	.91245	.90995	.90777	.90270	.89918
PER. SERV. & REPR.	.95386	.95223	.95099	.94980	.94676	.94415
PRIVATE HOUSEHOLD	1.20209	1.19752	1.19486	1.19323	1.19422	1.19803
AUTO REP/SERV(75)	.97680	.97597	.97535	.97472	.97297	.97134
MISC. BUSI. SERV.(73	.96179	.96074	.95995	.95911	.95684	.95443
AMUSE.&RECREATION(79	.92469	.92222	.92031	.91858	.91444	.91123
MOTION PICTURES(78)	.83655	.83610	.83576	.83532	.83399	.83215
MEDICAL(80)	.85293	.84866	.84532	.84251	.83609	.83226
MISC. PROF. SERV.(81	.95610	.95332	.95112	.94908	.94359	.93903
EDUCTAION(82)	1.01951	1.01835	1.01768	1.01714	1.01858	1.02113
NON-PROFIT ORG.(83)	.84226	.83678	.83274	.82958	.82351	.82097
AGRI/FOR/FISH SERV.	.99190	.98499	.97955	.97505	.96420	.95784

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

ABOR INTENSITY

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.14159	1.14150	1.14131	1.14107	1.14001	1.13886
FURNITURE(25)	1.05091	1.04920	1.04752	1.04588	1.04000	1.03431
STONE,CLAY,ETC.(32)	1.08195	1.08133	1.08082	1.08040	1.07948	1.07933
PRIMARY METALS(33)	1.34082	1.34027	1.33974	1.33924	1.33766	1.33651
FABRICATED METAL(34)	1.08501	1.08364	1.08229	1.08099	1.07640	1.07206
NON-ELEC MACHINE(35)	1.05685	1.05542	1.05400	1.05260	1.04756	1.04257
ELECT. EQUIPMENT(36)	1.08282	1.08130	1.07982	1.07840	1.07343	1.06868
MOTOR VEH.(371)	1.04609	1.04112	1.03606	1.03101	1.01206	.99258
REST TRANS. EQUIP.	1.14608	1.14515	1.14427	1.14344	1.14059	1.13800
INSTRUMENTS(38)	1.01463	1.01399	1.01345	1.01299	1.01187	1.01132
MISC. MANUF.(39)	1.06818	1.06727	1.06640	1.06559	1.06290	1.06057
FOOD(20)	1.04591	1.04732	1.04884	1.05044	1.05729	1.06540
TOBACCO MANUF(21)	2.44164	2.58109	2.72315	2.86584	3.41511	3.99964
TEXTILES(22)	.95638	.95536	.95438	.95346	.95057	.94843
APPAREL(23)	1.01497	1.01496	1.01498	1.01504	1.01546	1.01618
PAPER(26)	1.18959	1.19075	1.19211	1.19362	1.20037	1.20859
PRINTING(27)	1.05315	1.05290	1.05274	1.05266	1.05294	1.05399
CHEMICALS(28)	1.15477	1.15273	1.15083	1.14907	1.14341	1.13868
PETRO PROD(29)	1.98112	1.97772	1.97605	1.97579	1.98358	2.00089
RUBBER(30)	1.09390	1.09480	1.09584	1.09700	1.10217	1.10845
LEATHER(31)	.97954	.97962	.97979	.98003	.98150	.98370
MINING	1.24822	1.26659	1.28522	1.30387	1.37521	1.45070
CONSTRUCTION	1.06885	1.06922	1.06960	1.07000	1.07181	1.07429
RAILROAD(40)	1.01455	1.01459	1.01469	1.01483	1.01556	1.01649
TRUCKING(42)	1.02790	1.02873	1.02969	1.03073	1.03533	1.04091
LOCAL/INTERURBAN(41)	1.18772	1.18739	1.18718	1.18704	1.18652	1.18500
AIR TRANSP.(45)	1.03936	1.03787	1.03646	1.03514	1.03072	1.02670
OTHER TRANSP.	1.26944	1.27112	1.27300	1.27501	1.28358	1.29340
COMMUNICATION(48)	1.01635	1.01444	1.01265	1.01099	1.00565	1.00123
PUBLIC UTILITIES(49)	1.00925	1.01244	1.01598	1.01977	1.03584	1.05447
BANKING(60)	1.06731	1.06780	1.06841	1.06911	1.07225	1.07595
INSURANCE(63+64)	1.04564	1.04487	1.04417	1.04354	1.04162	1.04016
CREDIT&FINANCE(61+62	1.01189	1.01200	1.01212	1.01224	1.01275	1.01331
REAL ESTATE(65,69)	1.09065	1.08524	1.07986	1.07457	1.05490	1.03441
EATING & DRINKING(58	1.05940	1.06116	1.06306	1.06505	1.07315	1.08217
REST OF RETAL(R52)	1.10619	1.10824	1.11038	1.11258	1.12134	1.13087
WHOLESALE	1.07523	1.07599	1.07684	1.07776	1.08177	1.08644
HOTELS(70)	1.07303	1.07328	1.07360	1.07396	1.07560	1.07750
PER. SERV. & REPR.	1.08917	1.08890	1.08875	1.08869	1.08907	1.08996
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	1.15546	1.15441	1.15358	1.15292	1.15162	1.15141
MISC. BUSI. SERV.(73	1.05683	1.05721	1.05762	1.05804	1.05982	1.06176
AMUSE.&RECREATION(79	1.08617	1.08541	1.08479	1.08430	1.08318	1.08262
MOTION PICTURES(78)	1.27552	1.27427	1.27311	1.27203	1.26848	1.26532
MEDICAL(80)	1.10717	1.10873	1.11038	1.11209	1.11883	1.12597
MISC. PROF. SERV.(81	1.04219	1.04289	1.04372	1.04465	1.04883	1.05394
EDUCTAION(82)	1.02094	1.02067	1.02042	1.02019	1.01939	1.01852
NON-PROFIT ORG.(83)	1.03519	1.03569	1.03620	1.03672	1.03867	1.04061
AGRI/FOR/FISH SERV.	.92721	.93505	.94309	.95121	.98256	1.01586

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

EXPORT SHARE MULTIPLICATIVE ADJUSTMENTS

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.656	.649	.643	.636	.615	.593
FURNITURE(25)	.573	.555	.537	.519	.466	.413
STONE,CLAY,ETC.(32)	2.014	2.132	2.242	2.344	2.633	2.890
PRIMARY METALS(33)	.683	.690	.696	.702	.722	.744
FABRICATED METAL(34)	.871	.857	.844	.830	.788	.743
NON-ELEC MACHINE(35)	.916	.925	.934	.943	.971	1.002
ELECT. EQUIPMENT(36)	.836	.828	.819	.811	.784	.755
MOTOR VEH.(371)	.622	.632	.642	.651	.680	.712
REST TRANS. EQUIP.	3.815	3.938	4.058	4.173	4.521	4.869
INSTRUMENTS(38)	1.777	1.824	1.870	1.915	2.052	2.192
MISC. MANUF.(39)	.775	.772	.769	.766	.756	.745
FOOD(20)	.812	.801	.790	.779	.744	.707
TOBACCO MANUF(21)	.000	.000	.000	.000	.000	.000
TEXTILES(22)	.668	.655	.643	.631	.593	.553
APPAREL(23)	.776	.768	.759	.751	.724	.695
PAPER(26)	.679	.666	.652	.639	.598	.554
PRINTING(27)	.834	.824	.813	.803	.771	.736
CHEMICALS(28)	.875	.861	.847	.834	.792	.748
PETRO PROD(29)	5.366	5.913	6.387	6.798	7.793	8.481
RUBBER(30)	.493	.476	.461	.445	.399	.353
LEATHER(31)	.602	.590	.579	.567	.532	.495
MINING	1.245	1.342	1.430	1.510	1.721	1.890
CONSTRUCTION	.186	.166	.149	.133	.093	.062
RAILROAD(40)	.891	.888	.885	.881	.871	.860
TRUCKING(42)	.730	.713	.698	.682	.634	.584
LOCAL/INTERURBAN(41)	18.238	19.506	20.670	21.739	24.649	27.099
AIR TRANSP.(45)	1.108	1.121	1.134	1.147	1.186	1.230
OTHER TRANSP.	1.744	1.780	1.815	1.849	1.956	2.068
COMMUNICATION(48)	1.021	.994	.968	.943	.865	.784
PUBLIC UTILITIES(49)	.258	.227	.201	.178	.119	.075
BANKING(60)	.906	.822	.745	.676	.492	.343
INSURANCE(63+64)	.872	.866	.860	.854	.835	.814
CREDIT&FINANCE(61+62	5.917	6.737	7.381	7.888	8.899	9.399
REAL ESTATE(65,69)	2.700	2.914	3.108	3.283	3.744	4.112
EATING & DRINKING(58	.782	.761	.741	.721	.660	.598
REST OF RETAL(R52)	.899	.884	.870	.856	.812	.765
WHOLESALE	7.038	7.350	7.647	7.929	8.757	9.544
HOTELS(70)	.916	.915	.914	.913	.909	.905
PER. SERV. & REPR.	1.681	1.722	1.763	1.803	1.925	2.051
PRIVATE HOUSEHOLD	6.423	7.035	7.573	8.045	9.220	10.069
AUTO REP/SERV(75)	.854	.815	.779	.744	.640	.540
MISC. BUSI. SERV.(73	.959	1.066	1.157	1.235	1.414	1.528
AMUSE.&RECREATION(79	1.792	1.879	1.961	2.039	2.265	2.476
MOTION PICTURES(78)	.431	.403	.378	.354	.287	.226
MEDICAL(80)	1.497	1.489	1.481	1.473	1.447	1.418
MISC. PROF. SERV.(81	3.035	3.056	3.076	3.097	3.163	3.237
EDUCTAION(82)	.971	.982	.993	1.003	1.037	1.074
NON-PROFIT ORG.(83)	2.449	2.652	2.835	2.999	3.426	3.759
AGRI/FOR/FISH SERV.	.096	.081	.068	.058	.033	.018

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

'ORT SHARE OF U.S. AS A PERCENT

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.118	.117	.117	.116	.114	.110
FURNITURE(25)	.045	.043	.042	.040	.036	.031
STONE,CLAY,ETC.(32)	.097	.103	.109	.115	.132	.150
PRIMARY METALS(33)	.221	.223	.226	.229	.241	.253
FABRICATED METAL(34)	.783	.763	.743	.726	.678	.628
NON-ELEC MACHINE(35)	.494	.492	.493	.494	.506	.526
ELECT. EQUIPMENT(36)	.123	.123	.122	.120	.117	.114
MOTOR VEH.(371)	.004	.004	.004	.004	.004	.005
REST TRANS. EQUIP.	.072	.079	.084	.088	.091	.101
INSTRUMENTS(38)	.089	.095	.098	.101	.109	.112
MISC. MANUF.(39)	1.301	1.305	1.311	1.313	1.307	1.270
FOOD(20)	.199	.196	.191	.185	.168	.152
TOBACCO MANUF(21)	.000	.000	.000	.000	.000	.000
TEXTILES(22)	.285	.279	.274	.269	.257	.236
APPAREL(23)	.212	.211	.210	.209	.209	.206
PAPER(26)	1.180	1.157	1.137	1.117	1.055	.991
PRINTING(27)	.739	.734	.724	.715	.689	.652
CHEMICALS(28)	.300	.295	.291	.287	.274	.254
PETRO PROD(29)	.019	.021	.022	.024	.028	.031
RUBBER(30)	.499	.496	.492	.485	.463	.421
LEATHER(31)	.348	.344	.339	.335	.320	.308
MINING	.006	.007	.008	.008	.009	.008
CONSTRUCTION	.111	.099	.089	.080	.056	.037
RAILROAD(40)	.077	.076	.076	.076	.075	.074
TRUCKING(42)	.179	.175	.171	.167	.156	.143
LOCAL/INTERURBAN(41)	.680	.728	.771	.811	.920	1.011
AIR TRANSP.(45)	.006	.006	.006	.006	.007	.007
OTHER TRANSP.	.111	.112	.115	.119	.136	.151
COMMUNICATION(48)	.165	.160	.156	.153	.140	.127
PUBLIC UTILITIES(49)	.050	.044	.039	.034	.023	.015
BANKING(60)	.090	.082	.074	.067	.049	.034
INSURANCE(63+64)	.749	.744	.739	.734	.718	.700
CREDIT&FINANCE(61+62	.122	.139	.153	.163	.184	.194
REAL ESTATE(65,69)	.089	.097	.103	.109	.124	.136
EATING & DRINKING(58	.233	.227	.221	.215	.197	.178
REST OF RETAL(R52)	.341	.335	.330	.324	.308	.290
WHOLESALE	.121	.127	.132	.137	.151	.165
HOTELS(70)	.224	.224	.223	.223	.222	.221
PER. SERV. & REPR.	.441	.452	.462	.473	.505	.538
PRIVATE HOUSEHOLD	.087	.095	.103	.109	.125	.136
AUTO REP/SERV(75)	.088	.084	.080	.077	.066	.056
MISC. BUSI. SERV.(73	.115	.128	.139	.149	.170	.184
AMUSE.&RECREATION(79	.041	.043	.045	.046	.052	.056
MOTION PICTURES(78)	.035	.032	.030	.029	.023	.018
MEDICAL(80)	.214	.213	.212	.211	.207	.204
MISC. PROF. SERV.(81	.124	.125	.126	.127	.130	.133
'CTAION(82)	1.665	1.683	1.702	1.720	1.778	1.841
..N-PROFIT ORG.(83)	.496	.537	.574	.607	.694	.761
AGRI/FOR/FISH SERV.	.032	.027	.023	.019	.011	.006

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

EXPORT EMPLOYMENT AS % OF EMPLOYMENT

	1983	1984	1985	1986	1990	1995
LUMBER(24)	95.440	95.469	95.490	95.509	95.557	95.570
FURNITURE(25)	97.462	97.386	97.305	97.216	96.888	96.510
STONE,CLAY,ETC.(32)	33.731	35.293	36.807	38.213	41.929	45.636
PRIMARY METALS(33)	94.750	94.846	94.951	95.051	95.338	95.607
FABRICATED METAL(34)	92.437	92.323	92.204	92.097	91.754	91.347
NON-ELEC MACHINE(35)	93.696	93.697	93.719	93.747	93.875	94.101
ELECT. EQUIPMENT(36)	90.160	90.212	90.141	90.036	89.789	89.646
MOTOR VEH.(371)	99.929	99.930	99.931	99.932	99.933	99.936
REST TRANS. EQUIP.	61.024	63.013	64.445	65.535	66.078	68.296
INSTRUMENTS(38)	69.820	71.188	71.915	72.567	73.999	74.804
MISC. MANUF.(39)	96.009	96.038	96.067	96.081	96.081	96.033
FOOD(20)	85.248	85.164	84.907	84.613	83.569	82.421
TOBACCO MANUF(21)	.937	.278	.082	.024	.000	.000
TEXTILES(22)	93.177	93.126	93.073	93.021	92.888	92.626
APPAREL(23)	94.613	94.624	94.637	94.640	94.644	94.650
PAPER(26)	94.898	94.869	94.849	94.828	94.750	94.689
PRINTING(27)	76.640	76.602	76.507	76.407	76.106	75.700
CHEMICALS(28)	93.920	93.890	93.866	93.842	93.720	93.547
PETRO PROD(29)	67.643	70.022	71.859	73.295	76.330	78.281
RUBBER(30)	94.534	94.546	94.542	94.506	94.376	94.034
LEATHER(31)	96.615	96.596	96.577	96.550	96.428	96.349
MINING	35.740	37.892	39.847	41.034	43.957	42.124
CONSTRUCTION	7.671	6.958	6.296	5.692	4.060	2.765
RAILROAD(40)	44.038	44.170	44.287	44.383	44.572	44.888
TRUCKING(42)	47.271	46.907	46.540	46.150	44.757	43.307
LOCAL/INTERURBAN(41)	41.646	43.448	45.027	46.384	49.706	52.456
AIR TRANSP.(45)	51.213	51.688	52.150	52.569	53.735	55.143
OTHER TRANSP.	45.452	45.748	46.558	47.383	50.576	53.283
COMMUNICATION(48)	30.978	30.520	30.117	29.698	28.210	26.644
PUBLIC UTILITIES(49)	6.279	5.662	5.075	4.546	3.112	2.059
BANKING(60)	7.749	7.114	6.524	5.971	4.435	3.171
INSURANCE(63+64)	66.427	66.420	66.405	66.357	66.097	65.902
CREDIT&FINANCE(61+62	32.464	35.484	37.712	39.350	42.352	44.001
REAL ESTATE(65,69)	27.712	29.398	30.872	32.125	35.139	37.578
EATING & DRINKING(58	25.593	25.201	24.806	24.369	22.856	21.353
REST OF RETAL(R52)	18.423	18.293	18.151	17.968	17.258	16.586
WHOLESALE	16.035	16.735	17.399	18.012	19.718	21.436
HOTELS(70)	86.904	86.957	87.008	87.040	87.073	87.192
PER. SERV. & REPR.	18.588	19.068	19.530	19.945	21.106	22.410
PRIVATE HOUSEHOLD	20.448	22.096	23.510	24.682	27.362	29.386
AUTO REP/SERV(75)	6.270	6.040	5.814	5.585	4.866	4.186
MISC. BUSI. SERV.(73	22.768	24.781	26.454	27.840	30.945	33.146
AMUSE.&RECREATION(79	6.767	7.123	7.463	7.768	8.603	9.458
MOTION PICTURES(78)	9.913	9.420	8.945	8.473	7.038	5.725
MEDICAL(80)	15.292	15.276	15.289	15.272	15.104	15.037
MISC. PROF. SERV.(81	16.867	17.035	17.195	17.344	17.766	18.306
EDUCTAION(82)	58.112	58.542	58.949	59.284	60.142	61.223
NON-PROFIT ORG.(83)	30.851	32.728	34.352	35.718	38.941	41.490
AGRI/FOR/FISH SERV.	12.056	10.435	9.019	7.772	4.733	2.656

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

MPLOYMENT AS PERCENT OF U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.088	.088	.087	.087	.085	.082
FURNITURE(25)	.037	.036	.035	.033	.030	.026
STONE,CLAY,ETC.(32)	.106	.108	.109	.111	.116	.121
PRIMARY METALS(33)	.227	.229	.232	.235	.246	.258
FABRICATED METAL(34)	.639	.622	.606	.592	.553	.512
NON-ELEC MACHINE(35)	.421	.418	.418	.419	.427	.440
ELECT. EQUIPMENT(36)	.120	.120	.118	.117	.113	.110
MOTOR VEH.(371)	.004	.004	.004	.004	.004	.004
REST TRANS. EQUIP.	.110	.116	.121	.125	.127	.137
INSTRUMENTS(38)	.111	.115	.118	.121	.127	.129
MISC. MANUF.(39)	1.182	1.185	1.189	1.189	1.181	1.145
FOOD(20)	.150	.148	.144	.140	.130	.120
TOBACCO MANUF(21)	.041	.042	.044	.047	.055	.064
TEXTILES(22)	.204	.200	.196	.192	.184	.169
APPAREL(23)	.174	.173	.173	.172	.172	.170
PAPER(26)	1.062	1.043	1.026	1.010	.960	.909
PRINTING(27)	.486	.482	.477	.471	.456	.434
CHEMICALS(28)	.261	.256	.253	.249	.236	.219
PETRO PROD(29)	.028	.030	.032	.034	.038	.041
RUBBER(30)	.455	.453	.449	.443	.426	.391
LEATHER(31)	.282	.279	.275	.272	.260	.251
MINING	.012	.013	.013	.014	.015	.016
CONSTRUCTION	.149	.147	.145	.144	.141	.138
RAILROAD(40)	.083	.083	.082	.082	.081	.079
TRUCKING(42)	.190	.187	.185	.182	.176	.168
LOCAL/INTERURBAN(41)	.529	.542	.554	.566	.598	.622
AIR TRANSP.(45)	.006	.006	.006	.007	.007	.007
OTHER TRANSP.	.109	.110	.111	.113	.122	.130
COMMUNICATION(48)	.228	.225	.222	.219	.212	.202
PUBLIC UTILITIES(49)	.167	.165	.163	.162	.160	.158
BANKING(60)	.207	.204	.202	.200	.197	.193
INSURANCE(63+64)	.466	.462	.459	.456	.446	.436
CREDIT&FINANCE(61+62	.078	.082	.084	.086	.090	.092
REAL ESTATE(65,69)	.083	.084	.085	.086	.088	.089
EATING & DRINKING(58	.254	.251	.249	.247	.243	.238
REST OF RETAL(R52)	.259	.257	.255	.254	.253	.250
WHOLESALE	.192	.192	.193	.193	.196	.197
HOTELS(70)	.215	.214	.214	.214	.213	.212
PER. SERV. & REPR.	.294	.293	.293	.293	.296	.298
PRIVATE HOUSEHOLD	.110	.111	.113	.114	.118	.120
AUTO REP/SERV(75)	.216	.214	.212	.211	.208	.204
MISC. BUSI. SERV.(73	.139	.142	.144	.146	.151	.153
AMUSE.&RECREATION(79	.158	.157	.157	.157	.157	.156
MOTION PICTURES(78)	.124	.122	.120	.119	.115	.111
MEDICAL(80)	.278	.276	.275	.275	.275	.274
MISC. PROF. SERV.(81	.144	.144	.143	.143	.143	.143
DUCTAION(82)	.676	.678	.681	.684	.697	.708
ON-PROFIT ORG.(83)	.308	.315	.321	.327	.343	.354
AGRI/FOR/FISH SERV.	.100	.099	.097	.096	.095	.094

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

DEMAND (IN BILLIONS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.08704	.09562	.10531	.11479	.15148	.19266
FURNITURE(25)	.04236	.04728	.05252	.05773	.07853	.10263
STONE,CLAY,ETC.(32)	.06586	.07235	.08031	.08818	.11916	.15494
PRIMARY METALS(33)	.32513	.35711	.39426	.43039	.57167	.74700
FABRICATED METAL(34)	.18836	.20790	.23088	.25372	.34831	.45577
NON-ELEC MACHINE(35)	.36246	.39856	.44709	.49564	.71068	.98682
ELECT. EQUIPMENT(36)	.22440	.25486	.28646	.31742	.44104	.61795
MOTOR VEH.(371)	.15765	.17601	.19795	.21965	.29553	.38413
REST TRANS. EQUIP.	.10847	.11688	.12811	.14067	.20489	.28038
INSTRUMENTS(38)	.08781	.09571	.10691	.11820	.17176	.25774
MISC. MANUF.(39)	.07001	.07629	.08313	.08989	.11264	.15043
FOOD(20)	.53981	.58267	.62700	.67124	.85344	1.04186
TOBACCO MANUF(21)	.04085	.04480	.04834	.05184	.06468	.07018
TEXTILES(22)	.11397	.12457	.13471	.14407	.17425	.21836
APPAREL(23)	.09475	.10290	.11302	.12288	.15852	.20892
PAPER(26)	.31719	.34404	.37555	.40501	.51654	.63694
PRINTING(27)	.33093	.35597	.38516	.41471	.55238	.73220
CHEMICALS(28)	.42314	.46281	.51281	.56143	.76793	1.00229
PETRO PROD(29)	.32730	.35302	.38195	.41041	.51428	.65067
RUBBER(30)	.10072	.11697	.13700	.15590	.24079	.32544
LEATHER(31)	.02001	.02096	.02175	.02248	.02531	.02832
MINING	.13307	.14444	.15630	.17127	.23609	.33572
CONSTRUCTION	.66390	.71685	.79602	.87660	1.26495	1.82100
RAILROAD(40)	.05637	.06129	.06389	.06622	.07593	.08776
TRUCKING(42)	.13455	.14510	.15986	.17392	.24001	.31317
LOCAL/INTERURBAN(41)	.03948	.04158	.04402	.04625	.05846	.07608
AIR TRANSP.(45)	.08748	.09630	.10510	.11480	.15350	.20507
OTHER TRANSP.	.04006	.04311	.04728	.05149	.06814	.09302
COMMUNICATION(48)	.30188	.33607	.37297	.40748	.57456	.84568
PUBLIC UTILITIES(49)	.43575	.47360	.51236	.55347	.70518	.91691
BANKING(60)	.13373	.14536	.16066	.17596	.24337	.33407
INSURANCE(63+64)	.28804	.31273	.34458	.37618	.52070	.69017
CREDIT&FINANCE(61+62	.08452	.09073	.10174	.11321	.16189	.23280
REAL ESTATE(65,69)	1.14232	1.31189	1.45266	1.58279	2.11765	2.93159
EATING & DRINKING(58	.31070	.33304	.35932	.39074	.52795	.75951
REST OF RETAL(R52)	.55056	.60103	.65454	.71073	.97025	1.31781
WHOLESALE	.63148	.68544	.74259	.80310	1.03726	1.39617
HOTELS(70)	.06077	.06822	.07519	.08368	.12121	.16511
PER. SERV. & REPR.	.11580	.12485	.13745	.14936	.19753	.27011
PRIVATE HOUSEHOLD	.01850	.01881	.01944	.02012	.02402	.02816
AUTO REP/SERV(75)	.15851	.17242	.19181	.21304	.29386	.42575
MISC. BUSI. SERV.(73	.41186	.44812	.50373	.56594	.81816	1.23648
AMUSE.&RECREATION(79	.04760	.05146	.05653	.06226	.08668	.12371
MOTION PICTURES(78)	.02556	.02782	.03108	.03425	.05116	.06907
MEDICAL(80)	.53999	.59228	.66225	.73941	1.09081	1.61526
MISC. PROF. SERV.(81	.21860	.24154	.27190	.30552	.45602	.68653
EDUCTAION(82)	.07584	.07660	.08232	.08918	.15226	.22065
NON-PROFIT ORG.(83)	.08634	.09316	.10150	.11012	.14787	.19330
AGRI/FOR/FISH SERV.	.03033	.03217	.03458	.03718	.04983	.07284

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

SELF SUPPLY: LOCAL PRODUCTION FOR LOCAL USE

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.00163	.00179	.00198	.00215	.00284	.00361
FURNITURE(25)	.00019	.00021	.00024	.00026	.00036	.00046
STONE,CLAY,ETC.(32)	.02631	.02890	.03207	.03522	.04759	.06188
PRIMARY METALS(33)	.01054	.01158	.01278	.01395	.01853	.02422
FABRICATED METAL(34)	.04787	.05284	.05868	.06448	.08853	.11584
NON-ELEC MACHINE(35)	.04545	.04997	.05606	.06215	.08911	.12373
ELECT. EQUIPMENT(36)	.01470	.01669	.01876	.02079	.02889	.04048
MOTOR VEH.(371)	.00000	.00000	.00000	.00000	.00001	.00001
REST TRANS. EQUIP.	.03176	.03422	.03751	.04119	.05999	.08210
INSTRUMENTS(38)	.01601	.01745	.01950	.02155	.03132	.04700
MISC. MANUF.(39)	.01125	.01225	.01335	.01444	.01809	.02416
FOOD(20)	.05378	.05805	.06246	.06687	.08502	.10379
TOBACCO MANUF(21)	.00370	.00406	.00438	.00470	.00587	.00637
TEXTILES(22)	.00798	.00872	.00943	.01008	.01220	.01528
APPAREL(23)	.00404	.00439	.00482	.00524	.00676	.00891
PAPER(26)	.03248	.03523	.03846	.04147	.05290	.06522
PRINTING(27)	.11678	.12562	.13592	.14634	.19492	.25838
CHEMICALS(28)	.02346	.02566	.02843	.03113	.04258	.05557
PETRO PROD(29)	.00913	.00985	.01066	.01145	.01435	.01815
RUBBER(30)	.00960	.01114	.01305	.01485	.02294	.03100
LEATHER(31)	.00082	.00086	.00089	.00092	.00103	.00116
MINING	.01084	.01177	.01274	.01396	.01924	.02736
CONSTRUCTION	.48793	.52684	.58503	.64425	.92967	1.33833
RAILROAD(40)	.01192	.01297	.01351	.01401	.01606	.01856
TRUCKING(42)	.06380	.06880	.07580	.08247	.11381	.14850
LOCAL/INTERURBAN(41)	.03566	.03755	.03976	.04178	.05281	.06872
AIR TRANSP.(45)	.00106	.00117	.00128	.00140	.00187	.00250
OTHER TRANSP.	.01550	.01668	.01829	.01992	.02636	.03599
COMMUNICATION(48)	.19464	.21669	.24048	.26273	.37046	.54527
PUBLIC UTILITIES(49)	.32206	.35004	.37868	.40907	.52120	.67768
BANKING(60)	.12497	.13583	.15013	.16442	.22742	.31217
INSURANCE(63+64)	.15718	.17066	.18804	.20528	.28415	.37663
CREDIT&FINANCE(61+62	.02253	.02418	.02712	.03017	.04315	.06205
REAL ESTATE(65,69)	.28033	.32194	.35648	.38842	.51967	.71942
EATING & DRINKING(58	.26352	.28247	.30476	.33141	.44779	.64419
REST OF RETAL(R52)	.52162	.56944	.62014	.67338	.91925	1.24855
WHOLESALE	.44707	.48528	.52574	.56858	.73435	.98846
HOTELS(70)	.00703	.00789	.00870	.00968	.01402	.01910
PER. SERV. & REPR.	.11115	.11983	.13192	.14336	.18959	.25925
PRIVATE HOUSEHOLD	.00695	.00707	.00731	.00756	.00903	.01059
AUTO REP/SERV(75)	.12975	.14114	.15701	.17439	.24054	.34851
MISC. BUSI. SERV.(73	.19362	.21067	.23681	.26605	.38463	.58128
AMUSE.&RECREATION(79	.03042	.03289	.03613	.03978	.05539	.07905
MOTION PICTURES(78)	.01173	.01277	.01426	.01572	.02348	.03169
MEDICAL(80)	.52367	.57438	.64224	.71707	1.05784	1.56644
MISC. PROF. SERV.(81	.12987	.14349	.16153	.18150	.27091	.40786
EDUCTAION(82)	.07379	.07454	.08011	.08678	.14817	.21471
NON-PROFIT ORG.(83)	.08282	.08937	.09737	.10564	.14185	.18543
AGRI/FOR/FISH SERV.	.02156	.02287	.02458	.02643	.03543	.05179

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

IMPORTS: IMPLICIT PURCHASE OUTSIDE OF AREA FOR LOCAL USE

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.08541	.09382	.10334	.11263	.14864	.18905
FURNITURE(25)	.04217	.04707	.05228	.05747	.07817	.10216
STONE,CLAY,ETC.(32)	.03956	.04345	.04823	.05296	.07157	.09306
PRIMARY METALS(33)	.31459	.34553	.38148	.41643	.55314	.72279
FABRICATED METAL(34)	.14049	.15506	.17220	.18923	.25979	.33993
NON-ELEC MACHINE(35)	.31701	.34858	.39103	.43350	.62157	.86308
ELECT. EQUIPMENT(36)	.20970	.23817	.26769	.29663	.41215	.57747
MOTOR VEH.(371)	.15765	.17600	.19795	.21964	.29552	.38413
REST TRANS. EQUIP.	.07671	.08265	.09060	.09948	.14489	.19828
INSTRUMENTS(38)	.07179	.07826	.08741	.09664	.14044	.21074
MISC. MANUF.(39)	.05877	.06403	.06978	.07545	.09454	.12627
FOOD(20)	.48603	.52463	.56454	.60437	.76842	.93807
TOBACCO MANUF(21)	.03715	.04073	.04396	.04714	.05881	.06382
TEXTILES(22)	.10600	.11585	.12528	.13398	.16205	.20308
APPAREL(23)	.09070	.09851	.10820	.11764	.15176	.20001
PAPER(26)	.28471	.30881	.33709	.36353	.46364	.57172
PRINTING(27)	.21415	.23036	.24925	.26837	.35746	.47382
CHEMICALS(28)	.39968	.43715	.48438	.53030	.72535	.94672
PETRO PROD(29)	.31817	.34317	.37129	.39896	.49993	.63251
RUBBER(30)	.09112	.10583	.12395	.14105	.21785	.29444
LEATHER(31)	.01919	.02011	.02086	.02157	.02427	.02717
MINING	.12223	.13267	.14356	.15731	.21685	.30837
CONSTRUCTION	.17597	.19000	.21099	.23235	.33528	.48266
RAILROAD(40)	.04445	.04833	.05037	.05221	.05987	.06919
TRUCKING(42)	.07075	.07630	.08406	.09145	.12620	.16467
LOCAL/INTERURBAN(41)	.00382	.00402	.00426	.00447	.00565	.00736
AIR TRANSP.(45)	.08642	.09513	.10382	.11340	.15163	.20257
OTHER TRANSP.	.02456	.02643	.02898	.03157	.04178	.05703
COMMUNICATION(48)	.10724	.11938	.13249	.14475	.20410	.30041
PUBLIC UTILITIES(49)	.11369	.12357	.13368	.14440	.18399	.23923
BANKING(60)	.00877	.00953	.01053	.01153	.01595	.02190
INSURANCE(63+64)	.13086	.14207	.15654	.17090	.23655	.31355
CREDIT&FINANCE(61+62	.06199	.06655	.07462	.08304	.11874	.17075
REAL ESTATE(65,69)	.86199	.98995	1.09618	1.19437	1.59798	2.21218
EATING & DRINKING(58	.04718	.05057	.05456	.05933	.08016	.11532
REST OF RETAL(R52)	.02894	.03159	.03440	.03735	.05099	.06926
WHOLESALE	.18441	.20017	.21685	.23453	.30290	.40772
HOTELS(70)	.05374	.06033	.06650	.07400	.10719	.14601
PER. SERV. & REPR.	.00466	.00502	.00553	.00600	.00794	.01086
PRIVATE HOUSEHOLD	.01155	.01174	.01214	.01256	.01499	.01758
AUTO REP/SERV(75)	.02876	.03128	.03480	.03865	.05332	.07724
MISC. BUSI. SERV.(73	.21824	.23745	.26692	.29988	.43353	.65519
AMUSE.&RECREATION(79	.01718	.01858	.02041	.02247	.03129	.04466
MOTION PICTURES(78)	.01383	.01506	.01682	.01854	.02768	.03737
MEDICAL(80)	.01632	.01790	.02002	.02235	.03297	.04882
MISC. PROF. SERV.(81	.08873	.09804	.11037	.12402	.18511	.27868
EDUCTAION(82)	.00204	.00206	.00222	.00240	.00410	.00594
NON-PROFIT ORG.(83)	.00352	.00379	.00413	.00448	.00602	.00787
AGRI/FOR/FISH SERV.	.00876	.00930	.00999	.01074	.01440	.02105

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

OUTPUT (SUPPLY-BILLIONS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.03580	.03957	.04379	.04793	.06395	.08156
FURNITURE(25)	.00756	.00819	.00883	.00939	.01143	.01332
STONE,CLAY,ETC.(32)	.03969	.04466	.05076	.05700	.08196	.11383
PRIMARY METALS(33)	.20074	.22460	.25314	.28190	.39754	.55127
FABRICATED METAL(34)	.63298	.68829	.75263	.81592	1.07351	1.33868
NON-ELEC MACHINE(35)	.72092	.79284	.89251	.99389	1.45476	2.09750
ELECT. EQUIPMENT(36)	.14937	.17056	.19031	.20866	.28291	.39092
MOTOR VEH.(371)	.00424	.00479	.00545	.00610	.00837	.01134
REST TRANS. EQUIP.	.08149	.09253	.10550	.11951	.17686	.25895
INSTRUMENTS(38)	.05305	.06058	.06942	.07857	.12047	.18654
MISC. MANUF.(39)	.28181	.30930	.33953	.36841	.46170	.60911
FOOD(20)	.36453	.39125	.41384	.43459	.51743	.59043
TOBACCO MANUF(21)	.00374	.00407	.00439	.00470	.00587	.00637
TEXTILES(22)	.11693	.12685	.13613	.14450	.17150	.20728
APPAREL(23)	.07505	.08167	.08993	.09782	.12630	.16662
PAPER(26)	.63666	.68660	.74663	.80197	1.00757	1.22804
PRINTING(27)	.49990	.53687	.57853	.62027	.81576	1.06327
CHEMICALS(28)	.38590	.41999	.46357	.50549	.67805	.86121
PETRO PROD(29)	.02822	.03285	.03786	.04287	.06061	.08358
RUBBER(30)	.17554	.20431	.23912	.27035	.40792	.51966
LEATHER(31)	.02415	.02516	.02596	.02662	.02895	.03170
MINING	.01687	.01895	.02117	.02367	.03433	.04727
CONSTRUCTION	.52847	.56624	.62434	.68314	.96901	1.37638
RAILROAD(40)	.02131	.02322	.02426	.02519	.02898	.03368
TRUCKING(42)	.12100	.12959	.14180	.15315	.20601	.26193
LOCAL/INTERURBAN(41)	.06111	.06641	.07232	.07792	.10500	.14454
AIR TRANSP.(45)	.00218	.00243	.00267	.00295	.00404	.00556
OTHER TRANSP.	.02841	.03075	.03422	.03786	.05334	.07703
COMMUNICATION(48)	.28200	.31187	.34412	.37372	.51602	.74332
PUBLIC UTILITIES(49)	.34364	.37104	.39893	.42855	.53794	.69193
BANKING(60)	.13546	.14623	.16060	.17486	.23797	.32239
INSURANCE(63+64)	.46818	.50822	.55972	.61018	.83810	1.10455
CREDIT&FINANCE(61+62	.03335	.03748	.04353	.04975	.07485	.11080
REAL ESTATE(65,69)	.38779	.45599	.51568	.57226	.80121	1.15251
EATING & DRINKING(58	.35416	.37764	.40530	.43819	.58045	.81909
REST OF RETAL(R52)	.63942	.69693	.75767	.82088	1.11099	1.49681
WHOLESALE	.53245	.58281	.63647	.69349	.91471	1.25816
HOTELS(70)	.05367	.06049	.06694	.07467	.10844	.14909
PER. SERV. & REPR.	.13652	.14806	.16394	.17907	.24031	.33413
PRIVATE HOUSEHOLD	.00874	.00908	.00955	.01004	.01243	.01499
AUTO REP/SERV(75)	.13843	.15021	.16670	.18470	.25285	.36373
MISC. BUSI. SERV.(73	.25070	.28007	.32199	.36870	.55699	.86949
AMUSE.&RECREATION(79	.03262	.03541	.03904	.04313	.06061	.08731
MOTION PICTURES(78)	.01302	.01409	.01566	.01717	.02525	.03362
MEDICAL(80)	.61821	.67794	.75815	.84631	1.24605	1.84367
MISC. PROF. SERV.(81	.15622	.17296	.19507	.21959	.32945	.49925
EDUCTAION(82)	.17617	.17980	.19514	.21313	.37174	.55372
NON-PROFIT ORG.(83)	.11977	.13284	.14832	.16434	.23232	.31692
AGRI/FOR/FISH SERV.	.02452	.02553	.02702	.02866	.03719	.05320

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

SUPPLY/DEMAND RATIO

	1983	1984	1985	1986	1990	199-
LUMBER(24)	.41131	.41389	.41586	.41757	.42214	.42334
FURNITURE(25)	.17850	.17330	.16807	.16272	.14558	.12982
STONE,CLAY,ETC.(32)	.60268	.61723	.63201	.64640	.68776	.73466
PRIMARY METALS(33)	.61741	.62894	.64206	.65499	.69539	.73798
FABRICATED METAL(34)	3.36046	3.31069	3.25988	3.21589	3.08202	2.93719
NON-ELEC MACHINE(35)	1.98896	1.98927	1.99627	2.00525	2.04699	2.12553
ELECT. EQUIPMENT(36)	.66564	.66923	.66438	.65737	.64148	.63261
MOTOR VEH.(371)	.02689	.02722	.02751	.02777	.02833	.02953
REST TRANS. EQUIP.	.75126	.79165	.82354	.84958	.86319	.92357
INSTRUMENTS(38)	.60423	.63292	.64931	.66475	.70135	.72377
MISC. MANUF.(39)	4.02515	4.05448	4.08441	4.09872	4.09894	4.04915
FOOD(20)	.67529	.67148	.66003	.64744	.60629	.56671
TOBACCO MANUF(21)	.09155	.09095	.09077	.09072	.09069	.09069
TEXTILES(22)	1.02593	1.01836	1.01051	1.00297	.98424	.94925
APPAREL(23)	.79211	.79371	.79568	.79608	.79674	.79751
PAPER(26)	2.00719	1.99571	1.98812	1.98012	1.95062	1.92802
PRINTING(27)	1.51062	1.50817	1.50204	1.49567	1.47682	1.45216
CHEMICALS(28)	.91198	.90747	.90398	.90037	.88295	.85924
PETRO PROD(29)	.08622	.09306	.09913	.10446	.11786	.12845
RUBBER(30)	1.74287	1.74666	1.74545	1.73411	1.69406	1.59678
LEATHER(31)	1.20694	1.20037	1.19351	1.18409	1.14385	1.11911
MINING	.12681	.13120	.13547	.13819	.14540	.14080
CONSTRUCTION	.79601	.78990	.78433	.77931	.76605	.75584
RAILROAD(40)	.37800	.37888	.37968	.38034	.38164	.38382
TRUCKING(42)	.89928	.89311	.88698	.88055	.85836	.83640
LOCAL/INTERURBAN(41)	1.54795	1.59728	1.64315	1.68472	1.79601	1.89988
AIR TRANSP.(45)	.02495	.02519	.02544	.02566	.02631	.02714
OTHER TRANSP.	.70926	.71313	.72394	.73528	.78278	.82815
COMMUNICATION(48)	.93415	.92800	.92265	.91714	.89813	.87896
PUBLIC UTILITIES(49)	.78861	.78345	.77861	.77429	.76283	.75463
BANKING(60)	1.01294	1.00601	.99967	.99378	.97781	.96505
INSURANCE(63+64)	1.62540	1.62509	1.62436	1.62201	1.60957	1.60040
CREDIT&FINANCE(61+62	.39464	.41312	.42790	.43946	.46234	.47595
REAL ESTATE(65,69)	.33948	.34758	.35499	.36155	.37835	.39313
EATING & DRINKING(58	1.13989	1.13392	1.12796	1.12145	1.09945	1.07844
REST OF RETAL(R52)	1.16142	1.15956	1.15756	1.15498	1.14506	1.13583
WHOLESALE	.84318	.85027	.85710	.86351	.88186	.90115
HOTELS(70)	.88312	.88668	.89021	.89236	.89464	.90295
PER. SERV. & REPR.	1.17894	1.18594	1.19274	1.19893	1.21656	1.23702
PRIVATE HOUSEHOLD	.47249	.48249	.49140	.49905	.51747	.53229
AUTO REP/SERV(75)	.87333	.87119	.86910	.86699	.86044	.85433
MISC. BUSI. SERV.(73	.60870	.62499	.63921	.65149	.68078	.70320
AMUSE.&RECREATION(79	.68540	.68804	.69056	.69285	.69917	.70578
MOTION PICTURES(78)	.50937	.50659	.50395	.50135	.49361	.48674
MEDICAL(80)	1.14485	1.14463	1.14481	1.14458	1.14232	1.14141
MISC. PROF. SERV.(81	.71461	.71606	.71745	.71874	.72243	.72721
EDUCTAION(82)	2.32304	2.34715	2.37043	2.38990	2.44140	2.50947
NON-PROFIT ORG.(83)	1.38728	1.42598	1.46126	1.49231	1.57107	1.6[illegible]
AGRI/FOR/FISH SERV.	.80845	.79383	.78147	.77090	.74631	.7[illegible]

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

PERCENT SHIPPED WITHIN AREA: SS/SUPPLY

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.04560	.04531	.04510	.04491	.04443	.04430
FURNITURE(25)	.02538	.02614	.02695	.02784	.03112	.03490
STONE,CLAY,ETC.(32)	.66269	.64707	.63193	.61787	.58071	.54364
PRIMARY METALS(33)	.05250	.05154	.05049	.04949	.04662	.04393
FABRICATED METAL(34)	.07563	.07677	.07796	.07903	.08246	.08653
NON-ELEC MACHINE(35)	.06304	.06303	.06281	.06253	.06125	.05899
ELECT. EQUIPMENT(36)	.09840	.09788	.09859	.09964	.10211	.10354
MOTOR VEH.(371)	.00071	.00070	.00069	.00068	.00067	.00064
REST TRANS. EQUIP.	.38976	.36987	.35555	.34465	.33922	.31704
INSTRUMENTS(38)	.30180	.28812	.28085	.27433	.26001	.25196
MISC. MANUF.(39)	.03991	.03962	.03933	.03919	.03919	.03967
FOOD(20)	.14752	.14836	.15093	.15387	.16431	.17579
TOBACCO MANUF(21)	.99063	.99722	.99918	.99976	1.00000	1.00000
TEXTILES(22)	.06823	.06874	.06927	.06979	.07112	.07374
APPAREL(23)	.05387	.05376	.05363	.05360	.05356	.05350
PAPER(26)	.05102	.05131	.05151	.05172	.05250	.05311
PRINTING(27)	.23360	.23398	.23493	.23593	.23894	.24300
CHEMICALS(28)	.06080	.06110	.06134	.06158	.06280	.06453
PETRO PROD(29)	.32357	.29978	.28141	.26705	.23670	.21719
RUBBER(30)	.05466	.05454	.05458	.05494	.05624	.05966
LEATHER(31)	.03385	.03404	.03423	.03450	.03572	.03651
MINING	.64260	.62108	.60153	.58966	.56043	.57876
CONSTRUCTION	.92329	.93042	.93704	.94308	.95940	.97235
RAILROAD(40)	.55962	.55830	.55713	.55617	.55428	.55112
TRUCKING(42)	.52729	.53093	.53460	.53850	.55243	.56693
LOCAL/INTERURBAN(41)	.58354	.56552	.54973	.53616	.50294	.47544
AIR TRANSP.(45)	.48787	.48312	.47850	.47431	.46265	.44857
OTHER TRANSP.	.54548	.54252	.53442	.52617	.49424	.46717
COMMUNICATION(48)	.69022	.69480	.69883	.70302	.71790	.73356
PUBLIC UTILITIES(49)	.93721	.94338	.94925	.95454	.96888	.97941
BANKING(60)	.92251	.92886	.93476	.94029	.95565	.96829
INSURANCE(63+64)	.33573	.33580	.33595	.33643	.33903	.34098
CREDIT&FINANCE(61+62	.67536	.64516	.62288	.60650	.57648	.55999
REAL ESTATE(65,69)	.72288	.70602	.69128	.67875	.64861	.62422
EATING & DRINKING(58	.74407	.74799	.75194	.75631	.77144	.78647
REST OF RETAL(R52)	.81577	.81707	.81849	.82032	.82742	.83414
WHOLESALE	.83965	.83265	.82601	.81988	.80282	.78564
HOTELS(70)	.13096	.13043	.12992	.12960	.12927	.12808
PER. SERV. & REPR.	.81412	.80932	.80470	.80055	.78894	.77590
PRIVATE HOUSEHOLD	.79552	.77904	.76490	.75318	.72638	.70614
AUTO REP/SERV(75)	.93730	.93960	.94186	.94415	.95134	.95814
MISC. BUSI. SERV.(73	.77232	.75219	.73546	.72160	.69055	.66854
AMUSE.&RECREATION(79	.93233	.92877	.92537	.92232	.91397	.90542
MOTION PICTURES(78)	.90087	.90580	.91055	.91527	.92962	.94275
MEDICAL(80)	.84708	.84724	.84711	.84728	.84896	.84963
MISC. PROF. SERV.(81	.83133	.82965	.82805	.82656	.82234	.81694
EDUCTAION(82)	.41888	.41458	.41051	.40716	.39858	.38777
ON-PROFIT ORG.(83)	.69149	.67272	.65648	.64282	.61059	.58510
AGRI/FOR/FISH SERV.	.87944	.89565	.90981	.92228	.95267	.97344

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

REGIONAL PURCHASE COEFFICIENT: SS/DEMAND

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.01876	.01876	.01876	.01876	.01876	.01876
FURNITURE(25)	.00453	.00453	.00453	.00453	.00453	.00453
STONE,CLAY,ETC.(32)	.39939	.39939	.39939	.39939	.39939	.39939
PRIMARY METALS(33)	.03242	.03242	.03242	.03242	.03242	.03242
FABRICATED METAL(34)	.25416	.25416	.25416	.25416	.25416	.25416
NON-ELEC MACHINE(35)	.12539	.12539	.12539	.12539	.12539	.12539
ELECT. EQUIPMENT(36)	.06550	.06550	.06550	.06550	.06550	.06550
MOTOR VEH.(371)	.00002	.00002	.00002	.00002	.00002	.00002
REST TRANS. EQUIP.	.29281	.29281	.29281	.29281	.29281	.29281
INSTRUMENTS(38)	.18236	.18236	.18236	.18236	.18236	.18236
MISC. MANUF.(39)	.16064	.16064	.16064	.16064	.16064	.16064
FOOD(20)	.09962	.09962	.09962	.09962	.09962	.09962
TOBACCO MANUF(21)	.09069	.09069	.09069	.09069	.09069	.09069
TEXTILES(22)	.07000	.07000	.07000	.07000	.07000	.07000
APPAREL(23)	.04267	.04267	.04267	.04267	.04267	.04267
PAPER(26)	.10240	.10240	.10240	.10240	.10240	.10240
PRINTING(27)	.35288	.35288	.35288	.35288	.35288	.35288
CHEMICALS(28)	.05545	.05545	.05545	.05545	.05545	.05545
PETRO PROD(29)	.02790	.02790	.02790	.02790	.02790	.02790
RUBBER(30)	.09527	.09527	.09527	.09527	.09527	.09527
LEATHER(31)	.04086	.04086	.04086	.04086	.04086	.04086
MINING	.08149	.08149	.08149	.08149	.08149	.08149
CONSTRUCTION	.73495	.73495	.73495	.73495	.73495	.73495
RAILROAD(40)	.21153	.21153	.21153	.21153	.21153	.21153
TRUCKING(42)	.47418	.47418	.47418	.47418	.47418	.47418
LOCAL/INTERURBAN(41)	.90329	.90329	.90329	.90329	.90329	.90329
AIR TRANSP.(45)	.01217	.01217	.01217	.01217	.01217	.01217
OTHER TRANSP.	.38689	.38689	.38689	.38689	.38689	.38689
COMMUNICATION(48)	.64477	.64477	.64477	.64477	.64477	.64477
PUBLIC UTILITIES(49)	.73909	.73909	.73909	.73909	.73909	.73909
BANKING(60)	.93445	.93445	.93445	.93445	.93445	.93445
INSURANCE(63+64)	.54570	.54570	.54570	.54570	.54570	.54570
CREDIT&FINANCE(61+62	.26653	.26653	.26653	.26653	.26653	.26653
REAL ESTATE(65,69)	.24540	.24540	.24540	.24540	.24540	.24540
EATING & DRINKING(58	.84816	.84816	.84816	.84816	.84816	.84816
REST OF RETAL(R52)	.94744	.94744	.94744	.94744	.94744	.94744
WHOLESALE	.70798	.70798	.70798	.70798	.70798	.70798
HOTELS(70)	.11565	.11565	.11565	.11565	.11565	.11565
PER. SERV. & REPR.	.95980	.95980	.95980	.95980	.95980	.95980
PRIVATE HOUSEHOLD	.37587	.37587	.37587	.37587	.37587	.37587
AUTO REP/SERV(75)	.81857	.81857	.81857	.81857	.81857	.81857
MISC. BUSI. SERV.(73	.47011	.47011	.47011	.47011	.47011	.47011
AMUSE.&RECREATION(79	.63902	.63902	.63902	.63902	.63902	.63902
MOTION PICTURES(78)	.45887	.45887	.45887	.45887	.45887	.45887
MEDICAL(80)	.96978	.96978	.96978	.96978	.96978	.96978
MISC. PROF. SERV.(81	.59408	.59408	.59408	.59408	.59408	.59408
EDUCTAION(82)	.97308	.97308	.97308	.97308	.97308	.97308
NON-PROFIT ORG.(83)	.95928	.95928	.95928	.95928	.95928	.95928
AGRI/FOR/FISH SERV.	.71099	.71099	.71099	.71099	.71099	.71099

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

WAGE RATE (THOUSANDS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	14.142	14.975	15.979	17.033	21.380	27.111
FURNITURE(25)	15.851	16.835	18.010	19.240	24.289	30.907
STONE,CLAY,ETC.(32)	20.614	21.773	23.188	24.682	30.891	39.140
PRIMARY METALS(33)	19.566	20.675	22.028	23.456	29.393	37.286
FABRICATED METAL(34)	20.087	21.303	22.764	24.297	30.617	38.929
NON-ELEC MACHINE(35)	22.627	24.104	25.854	27.682	35.185	45.007
ELECT. EQUIPMENT(36)	21.842	23.356	25.125	26.960	34.416	44.070
MOTOR VEH.(371)	28.108	30.355	32.913	35.543	46.048	59.316
REST TRANS. EQUIP.	26.395	28.261	30.436	32.697	41.910	53.857
INSTRUMENTS(38)	22.620	24.013	25.683	27.432	34.652	44.161
MISC. MANUF.(39)	15.883	16.900	18.105	19.363	24.505	31.209
FOOD(20)	18.037	19.011	20.211	21.480	26.774	33.830
TOBACCO MANUF(21)	6.831	7.034	7.340	7.686	9.253	11.506
TEXTILES(22)	16.346	17.214	18.281	19.404	24.022	30.075
APPAREL(23)	11.271	11.788	12.455	13.172	16.213	20.337
PAPER(26)	20.432	21.537	22.899	24.341	30.358	38.388
PRINTING(27)	17.985	18.875	19.995	21.187	26.226	33.070
CHEMICALS(28)	26.267	28.011	30.062	32.197	40.915	52.237
PETRO PROD(29)	26.700	28.362	30.345	32.421	40.977	52.217
RUBBER(30)	16.751	17.587	18.642	19.768	24.513	30.909
LEATHER(31)	13.238	13.867	14.669	15.529	19.164	24.075
MINING	21.301	22.280	23.544	24.904	30.726	38.696
CONSTRUCTION	20.232	21.322	22.672	24.106	30.178	38.443
RAILROAD(40)	29.127	30.868	32.927	35.058	43.639	54.721
TRUCKING(42)	19.292	20.107	21.181	22.344	27.346	34.208
LOCAL/INTERURBAN(41)	10.679	11.143	11.751	12.407	15.257	19.263
AIR TRANSP.(45)	28.356	30.006	31.994	34.082	42.779	54.279
OTHER TRANSP.	15.517	16.246	17.178	18.180	22.454	28.299
COMMUNICATION(48)	26.990	28.866	31.050	33.309	42.512	54.672
PUBLIC UTILITIES(49)	26.145	27.590	29.359	31.228	39.023	49.453
BANKING(60)	14.902	15.756	16.791	17.881	22.419	28.464
INSURANCE(63+64)	17.988	19.046	20.322	21.661	27.208	34.497
CREDIT&FINANCE(61+62	23.099	24.534	26.252	28.055	35.497	45.293
REAL ESTATE(65,69)	14.414	15.396	16.552	17.754	22.646	29.046
EATING & DRINKING(58	6.221	6.443	6.750	7.092	8.621	10.845
REST OF RETAL(R52)	9.650	10.026	10.537	11.097	13.549	16.993
WHOLESALE	19.284	20.270	21.502	22.814	28.348	35.834
HOTELS(70)	8.874	9.371	9.978	10.621	13.320	16.957
PER. SERV. & REPR.	10.450	10.951	11.591	12.279	15.216	19.228
PRIVATE HOUSEHOLD	5.845	6.156	6.526	6.908	8.452	10.455
AUTO REP/SERV(75)	12.211	12.835	13.618	14.455	17.994	22.797
MISC. BUSI. SERV.(73	14.606	15.479	16.528	17.632	22.224	28.337
AMUSE.&RECREATION(79	9.233	9.644	10.180	10.762	13.294	16.824
MOTION PICTURES(78)	10.121	10.829	11.655	12.516	16.041	20.652
MEDICAL(80)	13.918	14.786	15.825	16.923	21.546	27.797
MISC. PROF. SERV.(81	22.338	23.712	25.355	27.082	34.270	43.874
EDUCTAION(82)	11.441	11.902	12.524	13.213	16.617	21.760
NON-PROFIT ORG.(83)	7.882	8.203	8.639	9.120	11.256	14.254
AGRI/FOR/FISH SERV.	10.229	10.447	10.829	11.278	13.411	16.603

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

INDUSTRIAL MIX INDEX

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.02132	1.02660	1.03184	1.03641	1.05247	1.05741
FURNITURE(25)	.97072	.97288	.97496	.97617	.98036	.97783
STONE,CLAY,ETC.(32)	1.03294	1.03489	1.04045	1.04665	1.06267	1.09645
PRIMARY METALS(33)	1.06742	1.06647	1.07044	1.07519	1.09488	1.11249
FABRICATED METAL(34)	1.05954	1.05033	1.04123	1.03476	1.02201	1.00511
NON-ELEC MACHINE(35)	1.10498	1.09549	1.09406	1.09297	1.10626	1.12398
ELECT. EQUIPMENT(36)	1.08070	1.10234	1.10875	1.11046	1.13314	1.16120
MOTOR VEH.(371)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REST TRANS. EQUIP.	.75200	.79802	.82924	.85011	.80731	.83090
INSTRUMENTS(38)	.94101	.96181	.95634	.94956	.90687	.83769
MISC. MANUF.(39)	1.00842	1.01572	1.02368	1.02830	1.03337	1.01246
FOOD(20)	.96288	.96086	.94511	.92949	.88335	.83609
TOBACCO MANUF(21)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TEXTILES(22)	1.01305	1.01501	1.01669	1.01862	1.03783	1.02013
APPAREL(23)	1.00253	1.00303	1.00403	1.00500	1.00954	1.01044
PAPER(26)	1.00761	1.00626	1.00685	1.00750	1.01013	1.01745
PRINTING(27)	1.00047	1.00316	.99997	.99707	.99121	.97304
CHEMICALS(28)	.99027	.99019	.99169	.99276	.99216	.97347
PETRO PROD(29)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
RUBBER(30)	.99724	1.01974	1.03976	1.05378	1.10163	1.11622
LEATHER(31)	1.00182	1.00401	1.00608	1.00767	1.00523	1.01747
MINING	.73703	.74980	.76440	.76135	.75640	.63664
CONSTRUCTION	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
RAILROAD(40)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TRUCKING(42)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
LOCAL/INTERURBAN(41)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AIR TRANSP.(45)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
OTHER TRANSP.	1.19822	1.18372	1.19759	1.21461	1.31348	1.38236
COMMUNICATION(48)	1.00515	1.00490	1.00657	1.00857	1.01294	1.01319
PUBLIC UTILITIES(49)	1.03771	1.04369	1.04484	1.04758	1.04575	1.06141
BANKING(60)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
INSURANCE(63+64)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
CREDIT&FINANCE(61+62	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REAL ESTATE(65,69)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
EATING & DRINKING(58	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REST OF RETAL(R52)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
WHOLESALE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
HOTELS(70)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
PER. SERV. & REPR.	.99997	.99998	.99998	.99999	1.00001	1.00003
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MISC. BUSI. SERV.(73	1.00511	1.00495	1.00551	1.00609	1.00765	1.00967
AMUSE.&RECREATION(79	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MOTION PICTURES(78)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MEDICAL(80)	.99790	.99547	.99631	.99731	.99938	1.00471
MISC. PROF. SERV.(81	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
EDUCTAION(82)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
NON-PROFIT ORG.(83)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AGRI/FOR/FISH SERV.	1.02158	1.02177	1.02190	1.02191	1.02716	1.02746

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

EMPLOYMENT BY OCCUPATION

	1983	1984	1985	1986	1990	1995
AERONAUT. ENGINEERS	.072	.075	.078	.081	.091	.100
CHEMICAL ENGINEERS	.116	.119	.123	.126	.134	.137
CIVIL ENGINEERS	.430	.437	.445	.452	.482	.515
ELEC. ENGINEERS	.555	.574	.592	.606	.658	.717
IND. ENGINEERS	.456	.470	.486	.499	.540	.575
MECH. ENGINEERS	.437	.451	.468	.482	.531	.575
METAL & MTRLS ENGNRS	.035	.037	.038	.039	.043	.046
MINING-PETRO ENGNRS	.014	.014	.015	.015	.017	.018
SALES & NEC ENGNRS	.427	.440	.454	.466	.509	.550
COMPUTER PROGRAMMERS	.671	.688	.711	.730	.805	.878
COMPUTER ANALYSTS	.432	.443	.458	.470	.517	.565
CMPTR SPCLSTS & NEC	.081	.083	.086	.089	.098	.108
HEALTH TECHNOLOGISTS	1.287	1.312	1.358	1.408	1.610	1.836
NURSES, THERPSTS,...	3.130	3.189	3.298	3.413	3.884	4.410
PHYS. ,DENT.,...	1.802	1.842	1.904	1.967	2.220	2.506
AGRI BIO TECHNICIANS	.094	.096	.097	.098	.103	.106
CHEMICAL TECHNICIANS	.184	.188	.193	.197	.213	.218
DRAFTSMEN	.727	.747	.772	.793	.866	.938
ELECTRCL TECHNICIANS	.387	.399	.411	.421	.459	.499
INDUST ENGNR TECHNCS	.065	.067	.070	.071	.077	.081
MECH. ENG. TECH.	.028	.029	.030	.031	.034	.038
MATH TECHNICIANS	.005	.005	.005	.005	.005	.006
NEC TECHNICIANS	.754	.773	.795	.813	.884	.944
PRE K, K-6 TEACHERS	2.214	2.166	2.230	2.304	3.165	3.605
7-12 TEACHERS	2.227	2.190	2.253	2.325	3.116	3.534
EDITORS + REPORTERS	.731	.745	.758	.768	.817	.854
PUBLIC RELATIONS	.379	.389	.400	.410	.448	.484
NEC WRITERS & ARTSTS	2.055	2.115	2.186	2.250	2.481	2.715
RELIGIOUS WORDERS	1.130	1.188	1.247	1.300	1.466	1.576
SOCIAL SCIENTISTS	.809	.824	.845	.865	.953	1.036
SOC & REC WORKERS	2.355	2.427	2.501	2.569	2.813	3.005
POST-SEC TEACHERS	.798	.779	.802	.828	1.144	1.305
ACCOUNTANTS	2.868	2.934	3.005	3.068	3.307	3.539
AIRLINE TECHNICIANS	.131	.133	.134	.135	.143	.147
ARCHITECTS	.112	.115	.119	.124	.141	.160
FARM AND ENVIRONMENT	.206	.208	.210	.212	.225	.239
LAWYERS AND JUDGES	1.727	1.759	1.793	1.827	1.961	2.112
LIBRARIANS	.287	.286	.294	.303	.383	.427
BIO & PHYS SCIENTSTS	.670	.683	.700	.714	.778	.829
MATH SPECIALISTS	.135	.137	.141	.143	.155	.164
SYSTEMS ANALYSTS	.317	.326	.335	.343	.370	.392
LABOR RELATION WRKRS	1.476	1.510	1.550	1.586	1.715	1.856
NEC RSRCH WRKRS	.283	.287	.295	.304	.352	.387
NEC TECHNCS & ENGNRS	.595	.604	.612	.619	.652	.686
VOCATNL & ED CNSLRS	.353	.351	.360	.369	.461	.513

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

EMPLOYMENT BY OCCUPATION
(CONTINUED)

	1983	1984	1985	1986	1990	1995
FINANCIAL MANAGERS	1.190	1.213	1.251	1.282	1.392	1.497
FARM PRODUCTS MANGRS	.052	.053	.054	.055	.058	.062
WHOLSL & RETL BUYERS	.405	.420	.430	.440	.475	.511
HEALTH ADMINISTRATRS	.476	.485	.503	.522	.594	.679
INSPECTORS	1.070	1.082	1.088	1.095	1.131	1.167
NEC PUBLC ADMNSTRTRS	2.869	2.901	2.919	2.937	3.032	3.132
RAILROAD CONDUCTORS	.024	.024	.023	.023	.021	.019
RESTAURANT MANAGERS	1.651	1.682	1.712	1.752	1.902	2.124
SALES MANAGERS	1.680	1.736	1.784	1.823	1.964	2.091
COLLEGE ADMNSTRTRS	.077	.075	.077	.080	.110	.126
1-12 SCHOOL ADMINS	.376	.367	.378	.391	.539	.615
NEC ADMINISTRATORS	15.769	16.271	16.769	17.187	18.670	20.007
SALES & ADVERT AGNTS	.288	.296	.305	.313	.341	.374
INSURANCE AGENTS	2.827	2.884	2.967	3.024	3.265	3.365
REAL ESTATE AGENTS	.408	.449	.471	.486	.526	.580
STOCK & BOND BROKRS	.123	.128	.137	.145	.166	.189
NEC SALES WORKERS	11.060	11.444	11.745	12.005	12.961	13.854
INSURANCE ADJUSTERS	.851	.868	.892	.910	.982	1.014
INFO PROCESS WRKRS	2.401	2.457	2.523	2.580	2.794	2.995
SECRETARIES	10.246	10.490	10.792	11.063	12.163	13.123
NEC CLERICL & KINDRD	33.837	34.599	35.432	36.161	39.227	41.977
ELECTRIC LINEMEN	.147	.149	.151	.152	.154	.160
ELECTRICIANS	1.012	1.035	1.064	1.088	1.177	1.255
TELEPHONE INSTALLERS	.884	.911	.932	.942	1.004	1.110
NEC CONSTRUCTION	4.957	5.064	5.218	5.345	5.871	6.361
FORGE- & HAMMER-MEN	.065	.067	.070	.071	.076	.078
FURNITURE FINISHERS	.034	.035	.036	.037	.039	.041
LOCOMOTIVE ENGINEERS	.044	.045	.044	.043	.041	.039
MACHINISTS	1.413	1.460	1.518	1.562	1.711	1.826
REPAIR & MECHANICS	7.248	7.454	7.664	7.839	8.418	8.977
PRINTING TRADES	1.652	1.680	1.703	1.718	1.791	1.828
SHEET METAL WORKERS	.348	.357	.367	.376	.403	.418
TOOL AND DIE MAKERS	.542	.560	.583	.600	.657	.699
NEC CRAFTSMEN	7.464	7.671	7.884	8.047	8.570	8.979
MACHINE OPERATIVES	1.197	1.237	1.291	1.333	1.478	1.596
TEXTILE OPERATIVES	.665	.682	.689	.689	.660	.632
NEC OPERATIVES	23.692	24.452	25.217	25.759	27.304	28.295
MASS TRANSIT WORKERS	.955	.982	1.010	1.029	1.146	1.255
RAILROAD BRAKEMEN	.075	.077	.076	.075	.073	.071
TRUCK DRIVERS	3.739	3.820	3.915	3.983	4.242	4.399
NEC TRANSIT OPER'S	2.758	2.837	2.910	2.966	3.155	3.325
CONSTRUCT LABORERS	1.145	1.164	1.199	1.228	1.355	1.479
OTHER LABORERS	8.209	8.423	8.616	8.776	9.360	9.881
CLEANING WORKERS	5.959	6.117	6.319	6.519	7.348	8.095
FOOD SERVICE WORKERS	11.030	11.246	11.473	11.762	12.899	14.392
HEALTH ASSTS	5.104	5.205	5.390	5.585	6.349	7.240
PERSONAL SERVICE	4.457	4.596	4.757	4.898	5.411	5.888
PRIV HH WORKERS	1.422	1.393	1.378	1.364	1.373	1.343
PROTCTV SRVC	12.880	13.064	13.191	13.318	13.842	14.471

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

OCCUPATION WAGE RATE CHANGE

	1983	1984	1985	1986	1990	1995
AERONAUT. ENGINEERS	.05619	.05124	.06209	.06345	.05417	.04568
CHEMICAL ENGINEERS	.05136	.04619	.05729	.05833	.04982	.03967
CIVIL ENGINEERS	.06113	.05364	.06237	.06206	.05166	.04352
ELEC. ENGINEERS	.05909	.05348	.06344	.06355	.05328	.04479
IND. ENGINEERS	.05496	.04974	.06051	.06138	.05228	.04312
MECH. ENGINEERS	.05586	.05056	.06159	.06266	.05402	.04460
METAL & MTRLS ENGNRS	.05243	.04745	.05846	.05968	.05114	.04254
MINING-PETRO ENGNRS	.06202	.05442	.06295	.06260	.05151	.04282
SALES & NEC ENGNRS	.05849	.05260	.06284	.06338	.05359	.04454
COMPUTER PROGRAMMERS	.06321	.05610	.06565	.06571	.05528	.04593
COMPUTER ANALYSTS	.06340	.05632	.06584	.06589	.05512	.04599
CMPTR SPCLSTS & NEC	.06348	.05637	.06585	.06590	.05498	.04603
HEALTH TECHNOLOGISTS	.07761	.06674	.07436	.07336	.06083	.05115
NURSES, THERPSTS,...	.07677	.06609	.07375	.07278	.06028	.05072
PHYS. ,DENT.,...	.07438	.06462	.07252	.07166	.05921	.04984
AGRI BIO TECHNICIANS	.05558	.04881	.05808	.05807	.04893	.04009
CHEMICAL TECHNICIANS	.05237	.04672	.05766	.05864	.05083	.04029
DRAFTSMEN	.05794	.05209	.06242	.06309	.05363	.04480
ELECTRCL TECHNICIANS	.05968	.05372	.06353	.06358	.05355	.04469
INDUST ENGNR TECHNCS	.05201	.04718	.05824	.05933	.05071	.04159
MECH. ENG. TECH.	.05569	.05018	.06091	.06180	.05263	.04372
MATH TECHNICIANS	.06076	.05241	.06025	.05930	.04755	.03965
NEC TECHNICIANS	.05611	.05017	.06050	.06119	.05258	.04356
PRE K, K-6 TEACHERS	.05618	.04650	.05750	.05960	.07009	.05007
7-12 TEACHERS	.05705	.04759	.05837	.06022	.06836	.04963
EDITORS + REPORTERS	.06043	.05331	.06211	.06155	.05141	.04144
PUBLIC RELATIONS	.06390	.05668	.06576	.06555	.05447	.04517
NEC WRITERS & ARTSTS	.06245	.05586	.06559	.06581	.05532	.04600
RELIGIOUS WORDERS	.06596	.06063	.07092	.07122	.05866	.04554
SOCIAL SCIENTISTS	.06496	.05693	.06569	.06539	.05526	.04582
SOC & REC WORKERS	.06533	.05831	.06726	.06696	.05531	.04448
POST-SEC TEACHERS	.05599	.04621	.05721	.05932	.07025	.05011
ACCOUNTANTS	.06196	.05490	.06399	.06384	.05302	.04412
AIRLINE TECHNICIANS	.05939	.05155	.05991	.05937	.04950	.04069
ARCHITECTS	.06805	.05994	.06889	.06887	.05801	.04936
FARM AND ENVIRONMENT	.05930	.05145	.05992	.05950	.05048	.04253
LAWYERS AND JUDGES	.06532	.05722	.06540	.06473	.05317	.04473
LIBRARIANS	.05908	.05036	.06060	.06179	.06390	.04793
BIO & PHYS SCIENTSTS	.05973	.05269	.06221	.06240	.05312	.04382
MATH SPECIALISTS	.06283	.05514	.06399	.06355	.05277	.04303
SYSTEMS ANALYSTS	.05675	.05087	.06106	.06154	.05205	.04283
LABOR RELATION WRKRS	.06462	.05709	.06589	.06556	.05390	.04551
NEC RSRCH WRKRS	.06230	.05427	.06383	.06422	.05819	.04683
NEC TECHNCS & ENGNRS	.06282	.05490	.06297	.06215	.05089	.04247
VOCATNL & ED CNSLRS	.05957	.05052	.06038	.06133	.06300	.04768

THE HAMPDEN/HAMPSHIRE FS-53 CONTROL FORECAST.

OCCUPATION WAGE RATE CHANGE
(CONTINUED)

	1983	1984	1985	1986	1990	1995
FINANCIAL MANAGERS	.06695	.05814	.06664	.06571	.05311	.04365
FARM PRODUCTS MANGRS	.06364	.05606	.06399	.06306	.04935	.04148
WHOLSL & RETL BUYERS	.06162	.05503	.06368	.06323	.05155	.04243
HEALTH ADMINISTRATRS	.07490	.06429	.07172	.07057	.05738	.04842
INSPECTORS	.06218	.05383	.06140	.06030	.04839	.04023
NEC PUBLC ADMNSTRTRS	.06221	.05387	.06144	.06034	.04842	.04027
RAILROAD CONDUCTORS	.04580	.04027	.04878	.04834	.03852	.03228
RESTAURANT MANAGERS	.06499	.05659	.06442	.06392	.05235	.04500
SALES MANAGERS	.05907	.05280	.06204	.06193	.05111	.04188
COLLEGE ADMNSTRTRS	.05711	.04769	.05770	.05889	.06308	.04674
1-12 SCHOOL ADMINS	.05686	.04735	.05759	.05899	.06464	.04736
NEC ADMINISTRATORS	.05929	.05289	.06235	.06237	.05177	.04261
SALES & ADVERT AGNTS	.06379	.05625	.06499	.06442	.05267	.04432
INSURANCE AGENTS	.06300	.05512	.06401	.06330	.05187	.04078
REAL ESTATE AGENTS	.07281	.06861	.07608	.07349	.05491	.04410
STOCK & BOND BROKRS	.08359	.07206	.07983	.07790	.06003	.04953
NEC SALES WORKERS	.05960	.05334	.06242	.06223	.05133	.04208
INSURANCE ADJUSTERS	.06310	.05518	.06401	.06329	.05182	.04093
INFO PROCESS WRKRS	.06159	.05420	.06315	.06284	.05185	.04292
SECRETARIES	.06238	.05488	.06383	.06357	.05298	.04352
NEC CLERICL & KINDRD	.06140	.05399	.06279	.06242	.05177	.04269
ELECTRIC LINEMEN	.05655	.04958	.05826	.05802	.04674	.04013
ELECTRICIANS	.05329	.04771	.05844	.05941	.05154	.04300
TELEPHONE INSTALLERS	.06018	.05405	.06320	.06223	.05170	.04467
NEC CONSTRUCTION	.05371	.04799	.05886	.05996	.05283	.04439
FORGE- & HAMMER-MEN	.04732	.04293	.05438	.05591	.04835	.03951
FURNITURE FINISHERS	.05692	.05094	.06070	.06081	.05008	.04173
LOCOMOTIVE ENGINEERS	.04141	.03715	.04644	.04657	.03803	.03215
MACHINISTS	.05211	.04754	.05920	.06067	.05290	.04322
REPAIR & MECHANICS	.05733	.05158	.06164	.06209	.05202	.04328
PRINTING TRADES	.05674	.05011	.05924	.05890	.04902	.03914
SHEET METAL WORKERS	.04815	.04351	.05494	.05647	.04947	.04075
TOOL AND DIE MAKERS	.05095	.04658	.05842	.06003	.05249	.04296
NEC CRAFTSMEN	.05245	.04742	.05817	.05908	.05027	.04153
MACHINE OPERATIVES	.05471	.04918	.06007	.06105	.05239	.04299
TEXTILE OPERATIVES	.04293	.03834	.04880	.04955	.03974	.03337
NEC OPERATIVES	.05120	.04604	.05669	.05752	.04850	.03985
MASS TRANSIT WORKERS	.06375	.05629	.06491	.06397	.05386	.04368
RAILROAD BRAKEMEN	.04571	.04063	.04979	.04979	.04072	.03436
TRUCK DRIVERS	.05654	.04994	.05953	.05958	.04967	.04044
NEC TRANSIT OPER'S	.05734	.05107	.06052	.06051	.04989	.04120
CONSTRUCT LABORERS	.05394	.04741	.05777	.05856	.05119	.04328
OTHER LABORERS	.05724	.05081	.06012	.06014	.04992	.04137
CLEANING WORKERS	.06443	.05671	.06559	.06544	.05506	.04528
FOOD SERVICE WORKERS	.06519	.05681	.06477	.06432	.05309	.04517
HEALTH ASSTS	.07452	.06401	.07150	.07039	.05735	.04833
PERSONAL SERVICE	.06393	.05664	.06568	.06536	.05382	.04423
PRIV HH WORKERS	.05126	.04296	.05151	.05127	.04354	.03599
PROTCTV SRVC	.06285	.05459	.06227	.06124	.04919	.04112

Regional Economic Models, Inc.

George I. Treyz, President

THE HARTFORD FS-53 CONTROL FORECAST

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THE HARTFORD FS-53 CONTROL FORECAST.

MMARY TABLE FOR PRIVATE NONFARM SECTORS.

	1983	1984	1985	1986	1990	1995
PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
TOTAL	420.816	437.559	455.722	470.984	516.137	562.584
INTERMEDIATE	72.804	75.803	79.225	82.218	89.968	100.736
INDUCED	123.251	127.971	133.478	138.539	155.363	171.551
EXPORT	224.761	233.785	243.020	250.226	270.807	290.297
EXOGENOUS	.000	.000	.000	.000	.000	.000
COSTS RELATIVE TO THE U.S.						
PRODUCTION	1.03924	1.04041	1.04267	1.04502	1.05083	1.05102
FACTOR INPUTS	1.06008	1.06167	1.06488	1.06827	1.07659	1.07664
LABOR	1.04703	1.05018	1.05535	1.06059	1.07256	1.07148
FUEL	1.38571	1.38571	1.38571	1.38571	1.38571	1.38571
CAPITAL	1.02786	1.02784	1.02832	1.02874	1.02965	1.02911
INTERMED. INPUTS	1.01084	1.01146	1.01241	1.01336	1.01576	1.01615
PROD FOR LOCAL MKT	1.04658	1.04730	1.04944	1.05187	1.05858	1.05970
PROD. FOR EXPORT	1.03386	1.03536	1.03770	1.04000	1.04515	1.04466
OTHER VARIABLES:						
LABOR INTENSITY	1.01420	1.01444	1.01456	1.01457	1.01396	1.01314
MULT ADJ. INDEX	1.03295	1.03450	1.03569	1.03655	1.03756	1.03628
EXP. SHARE OF US-%	.83	.83	.83	.83	.83	.82
EXP EMP - % OF EMP	53.41	53.43	53.33	53.13	52.47	51.60
EMP. AS A % OF US	.55	.56	.56	.56	.56	.56
DEMAND (BILLIONS)	23.141	25.745	28.707	31.681	43.495	60.234
SELF SUPPLY (SS)	10.664	11.826	13.206	14.628	20.456	29.088
IMPORTS	12.477	13.919	15.500	17.053	23.039	31.147
OUTPUT (SUP-BIL)	26.120	28.970	32.281	35.608	49.088	68.147
SUP/DEM RATIO	1.13	1.13	1.12	1.12	1.13	1.13
PS= SS/SUPPLY	.41	.41	.41	.41	.42	.43
RPC= SS/DEMAND	.46	.46	.46	.46	.47	.48
WAGE RATE	19.524	20.800	22.357	23.987	30.559	39.000
INDEX	1.032094	1.032271	1.033563	1.033945	1.033998	1.029526

THE HARTFORD FS-53 CONTROL FORECAST.

EMPLOYMENT TABLE. (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
MANUFACTURE	118.379	122.912	127.033	129.660	134.229	138.093
AS A % OF U.S.	.651	.650	.646	.641	.614	.597
DURABLES	99.733	103.286	106.525	108.485	111.307	114.062
NONDURABLES	18.647	19.625	20.508	21.174	22.922	24.031
NON MANUFACTURE	302.437	314.648	328.690	341.324	381.909	424.491
AS A % OF U.S.	.523	.529	.535	.540	.547	.548
MINING	.153	.152	.149	.150	.153	.164
CONT CONSTRUCTION	14.402	14.814	15.525	16.119	18.424	20.628
TRANSPORT + PUB UT	17.500	18.443	19.293	19.954	21.899	23.920
FINANCE, INS,+ RE	70.325	72.799	75.909	78.353	87.093	93.803
RETAIL TRADE	70.945	74.228	76.954	79.455	87.084	95.291
WHOLESALE TRADE	27.286	28.702	29.828	30.839	32.721	35.892
SERVICES	100.252	103.923	109.422	114.825	132.799	152.812
AGRI/FOR/FISH	1.572	1.586	1.609	1.629	1.735	1.980
TOTAL GOVERNMENT	60.296	61.264	61.940	62.479	64.764	66.804
AS A % OF U.S.	.324	.326	.326	.327	.327	.328
ST AND LOCAL GOVT.	50.584	51.552	52.109	52.648	54.492	56.531
FED. GOVT. CIVI.	7.093	7.093	7.093	7.093	7.415	7.415
FED. GOVT. MILI.	2.619	2.619	2.738	2.738	2.857	2.857
FARM EMPLOYMENT	5.083	5.044	5.008	4.972	4.823	4.638
AS A % OF U.S.	.388	.388	.388	.388	.388	.388
TOTAL WAG&SAL EMP.	486.195	503.867	522.670	538.434	585.724	634.026
AS A % OF U.S.	.507	.512	.515	.518	.520	.519
POPULATION	819.881	829.956	840.086	849.911	883.185	918.296
AS A % OF U.S.	.351	.352	.353	.354	.355	.354

THE HARTFORD FS-53 CONTROL FORECAST.

PERSONAL INCOME TABLE (IN BILLIONS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
WAGE AND SAL DISB	9.283	10.249	11.428	12.636	17.536	24.266
PROPRIETORS INCOME	.398	.458	.495	.559	.758	.741
OTHER LABOR INCOME	1.067	1.218	1.372	1.525	2.237	3.043
DERIVATION OF PERSONAL INCOME BY PLACE OF RESIDENCE.						
TOT LABOR + PROP INC	10.748	11.925	13.295	14.720	20.531	28.050
AS A % OF U.S.	.552	.558	.566	.571	.577	.576
LESS SOC INSR CONT	.630	.734	.827	.933	1.478	2.109
PLUS RESID ADJ	-1.664	-1.849	-2.065	-2.287	-3.221	-4.458
PLUS DIV,INT,RENT	2.233	2.406	2.607	2.809	3.752	4.745
PLUS TRANSFER PAY	1.436	1.532	1.610	1.709	2.267	3.097
PERSONAL INCOME	12.123	13.281	14.621	16.019	21.851	29.325
AS A % OF U.S.	.443	.446	.450	.454	.459	.456
LESS TAXES	1.828	1.974	2.215	2.408	3.284	4.282
DISPOSABLE PER. INC.	10.295	11.307	12.406	13.611	18.568	25.044
CONSUMER PR INDEX	301.174	317.390	335.304	353.973	432.847	516.234
REAL DIS PER INC-'67	3.418	3.563	3.700	3.845	4.290	4.851
AS A % OF U.S.	.443	.447	.451	.454	.458	.454
BREAKDOWN OF LABOR AND PROPRIETOR'S INCOME:						
MANUFACTURE	3.451	3.837	4.269	4.685	6.246	8.199
DURABLES	2.983	3.304	3.665	4.009	5.285	6.900
NONDURABLES	.468	.532	.604	.676	.961	1.299
NON MANUFACTURE	6.185	6.890	7.731	8.637	12.435	17.411
MINING	.005	.005	.006	.006	.008	.011
CONT CONSTRUCTION	.396	.434	.484	.538	.778	1.072
TRANSPORT + PUB UT	.497	.560	.629	.699	.987	1.373
FINANCE, INS,+ RE	1.822	2.036	2.303	2.573	3.758	5.218
RETAIL TRADE	.819	.906	.998	1.098	1.516	2.063
WHOLESALE TRADE	.767	.865	.965	1.074	1.465	2.029
SERVICES	1.854	2.058	2.318	2.619	3.883	5.591
AGRI/FOR/FISH	.024	.026	.027	.030	.040	.055
TOTAL GOVERNMENT	1.075	1.158	1.251	1.350	1.782	2.344
ST AND LOCAL GOVT.	.857	.925	.999	1.078	1.416	1.869
FED. GOVT. CIVI.	.196	.209	.225	.242	.326	.419
FED. GOVT. MILI.	.022	.024	.027	.029	.040	.056
FARM	.036	.040	.044	.048	.067	.095

THE HARTFORD FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
PRIVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	99.733	103.286	106.525	108.485	111.307	114.062
NONDURABLES	18.647	19.625	20.508	21.174	22.922	24.031
MINING	.153	.152	.149	.150	.153	.164
CONT CONSTRUCTION	14.402	14.814	15.525	16.119	18.424	20.628
TRANSPORT + PUB UT	17.500	18.443	19.293	19.954	21.899	23.920
FINANCE, INS,+ RE	70.325	72.799	75.909	78.353	87.093	93.803
RETAIL TRADE	70.945	74.228	76.954	79.455	87.084	95.291
WHOLESALE TRADE	27.286	28.702	29.828	30.839	32.721	35.892
SERVICES	100.252	103.923	109.422	114.825	132.799	152.812
AGRI/FOR/FISH	1.572	1.586	1.609	1.629	1.735	1.980
WAGE AND SALARY DISBURSEMENTS (IN BILLIONS OF DOLLARS)						
DURABLES	2.55881	2.82136	3.12522	3.41439	4.45550	5.82534
NONDURABLES	.40633	.46135	.52370	.58597	.82888	1.12370
MINING	.00426	.00446	.00470	.00505	.00657	.00900
CONT CONSTRUCTION	.32362	.35141	.39313	.43604	.63130	.90280
TRANSPORT + PUB UT	.41046	.45981	.51560	.57160	.79864	1.11827
FINANCE, INS,+ RE	1.60311	1.78680	2.02222	2.25989	3.28858	4.58932
RETAIL TRADE	.71936	.79059	.87091	.95635	1.31522	1.81902
WHOLESALE TRADE	.67219	.75410	.84331	.93731	1.27730	1.79763
SERVICES	1.49947	1.65177	1.86868	2.10808	3.14005	4.71132
AGRI/FOR/FISH	.01841	.01956	.02112	.02279	.03054	.04431
INTERMEDIATE EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	4.744	4.955	5.154	5.280	5.437	5.560
NONDURABLES	3.333	3.491	3.646	3.771	4.191	4.563
MINING	.143	.144	.143	.144	.149	.160
CONT CONSTRUCTION	2.021	2.095	2.206	2.300	2.641	2.999
TRANSPORT + PUB UT	6.146	6.421	6.659	6.825	7.307	7.901
FINANCE, INS,+ RE	11.293	11.682	12.182	12.569	13.862	14.985
RETAIL TRADE	8.268	8.668	8.990	9.291	10.012	11.283
WHOLESALE TRADE	9.457	9.815	10.042	10.210	10.220	10.729
SERVICES	26.830	27.943	29.588	31.191	35.430	41.694
AGRI/FOR/FISH	.569	.591	.615	.637	.720	.863
INDUCED EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	1.480	1.547	1.631	1.702	1.922	2.071
NONDURABLES	1.022	1.056	1.092	1.121	1.208	1.265
MINING	.003	.004	.004	.004	.004	.005
CONT CONSTRUCTION	10.514	10.883	11.478	11.990	13.959	15.864
TRANSPORT + PUB UT	4.080	4.240	4.384	4.491	4.813	5.155
FINANCE, INS,+ RE	8.045	8.363	8.734	9.021	9.831	10.584
RETAIL TRADE	40.387	42.476	44.264	45.911	50.896	55.663
WHOLESALE TRADE	9.217	9.566	9.841	10.091	10.449	11.090
SERVICES	47.880	49.199	51.395	53.536	61.537	68.975
AGRI/FOR/FISH	.622	.637	.655	.673	.743	.880

THE HARTFORD FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
EXPORT EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	93.508	96.785	99.741	101.503	103.948	106.431
NONDURABLES	14.291	15.078	15.770	16.283	17.523	18.204
MINING	.007	.005	.003	.002	.000	.000
CONT CONSTRUCTION	1.867	1.837	1.841	1.829	1.824	1.764
TRANSPORT + PUB UT	7.275	7.782	8.250	8.638	9.779	10.864
FINANCE, INS,+ RE	50.988	52.754	54.993	56.763	63.401	68.234
RETAIL TRADE	22.289	23.084	23.700	24.254	26.176	28.345
WHOLESALE TRADE	8.612	9.321	9.945	10.538	12.052	14.073
SERVICES	25.542	26.781	28.439	30.098	35.833	42.142
AGRI/FOR/FISH	.381	.358	.338	.319	.271	.237
EXOGENOUS EMPLOYMENT (IN THOUSANDS OF PEOPLE)						
DURABLES	.000	.000	.000	.000	.000	.000
NONDURABLES	.000	.000	.000	.000	.000	.000
MINING	.000	.000	.000	.000	.000	.000
CONT CONSTRUCTION	.000	.000	.000	.000	.000	.000
TRANSPORT + PUB UT	.000	.000	.000	.000	.000	.000
FINANCE, INS,+ RE	.000	.000	.000	.000	.000	.000
RETAIL TRADE	.000	.000	.000	.000	.000	.000
WHOLESALE TRADE	.000	.000	.000	.000	.000	.000
SERVICES	.000	.000	.000	.000	.000	.000
AGRI/FOR/FISH	.000	.000	.000	.000	.000	.000
PRODUCTION COSTS RELATIVE TO THE U.S.						
DURABLES	1.02727	1.02775	1.02915	1.03061	1.03321	1.03091
NONDURABLES	1.03433	1.03702	1.04004	1.04281	1.04952	1.05103
MINING	1.02689	1.02469	1.02390	1.02355	1.02256	1.01988
CONT CONSTRUCTION	1.02072	1.02101	1.02216	1.02340	1.02598	1.02453
TRANSPORT + PUB UT	1.03769	1.03877	1.04094	1.04323	1.04927	1.05033
FINANCE, INS,+ RE	1.07047	1.07697	1.08372	1.08982	1.10546	1.11143
RETAIL TRADE	.99071	.99118	.99295	.99496	1.00032	1.00067
WHOLESALE TRADE	1.07820	1.08234	1.08724	1.09187	1.10349	1.10646
SERVICES	1.09073	1.08944	1.09047	1.09230	1.09862	1.09987
AGRI/FOR/FISH	1.04877	1.05120	1.05433	1.05733	1.06489	1.06651
FACTOR COSTS RELATIVE TO THE U.S.						
DURABLES	1.05204	1.05272	1.05512	1.05764	1.06165	1.05648
NONDURABLES	1.06974	1.07532	1.08132	1.08675	1.09974	1.10270
MINING	1.03106	1.02808	1.02678	1.02606	1.02413	1.02066
CONT CONSTRUCTION	1.03409	1.03427	1.03582	1.03755	1.04075	1.03757
TRANSPORT + PUB UT	1.04664	1.04782	1.05026	1.05286	1.05973	1.06100
FINANCE, INS,+ RE	1.10827	1.11834	1.12856	1.13774	1.16125	1.17049
RETAIL TRADE	.98233	.98269	.98463	.98692	.99307	.99334
WHOLESALE TRADE	1.09850	1.10371	1.10969	1.11529	1.12935	1.13307
SERVICES	1.11849	1.11649	1.11749	1.11961	1.12728	1.12890
AGRI/FOR/FISH	1.06706	1.07028	1.07434	1.07820	1.08792	1.09006

THE HARTFORD FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
LABOR COSTS (WAGES) RELATIVE TO THE U.S.						
DURABLES	1.03803	1.03912	1.04239	1.04584	1.05137	1.04453
NONDURABLES	1.03477	1.04415	1.05443	1.06392	1.08702	1.09246
MINING	.90209	.89197	.88617	.88245	.87320	.86325
CONT CONSTRUCTION	1.02866	1.02912	1.03193	1.03510	1.04087	1.03489
TRANSPORT + PUB UT	.97984	.98203	.98654	.99151	1.00523	1.00873
FINANCE, INS,+ RE	1.18207	1.20081	1.21923	1.23574	1.27833	1.29624
RETAIL TRADE	.94733	.94744	.95[illegible]	.95321	.96188	.96179
WHOLESALE TRADE	1.13487	1.14448	1.15[illegible]	1.16547	1.19125	1.19857
SERVICES	1.04782	1.04487	1.04[illegible]	1.04743	1.05477	1.05544
AGRI/FOR/FI	1.08806	1.09577	1.10[illegible]	1.11366	1.13602	1.14202
FUEL COSTS REL VE TO THE U.S.						
DURABLES	1.49566	1.49566	1.49566	1.49566	1.49566	1.49566
NONDURABLES	1.47829	1.47829	1.47829	1.47829	1.47829	1.47829
MINING	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
CONT CONSTRUCTION	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
TRANSPORT + PUB UT	1.20278	1.20278	1.20278	1.20278	1.20278	1.20278
FINANCE, INS,+ RE	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
RETAIL TRADE	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
WHOLESALE TRADE	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
SERVICES	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
AGRI/FOR/FISH	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
CAPITAL COSTS RELATIVE TO THE U.S.						
DURABLES	1.02612	1.02605	1.02645	1.02676	1.02745	1.02697
NONDURABLES	1.02116	1.02107	1.02152	1.02186	1.02260	1.02206
MINING	1.03070	1.03071	1.03145	1.03212	1.03359	1.03279
CONT CONSTRUCTION	1.02922	1.02922	1.02970	1.03013	1.03108	1.03056
TRANSPORT + PUB UT	1.03090	1.03090	1.03172	1.03246	1.03408	1.03320
FINANCE, INS,+ RE	1.02376	1.02376	1.02437	1.02493	1.02614	1.02548
RETAIL TRADE	1.03404	1.03404	1.03446	1.03484	1.03568	1.03522
WHOLESALE TRADE	1.03630	1.03631	1.03665	1.03696	1.03764	1.03727
SERVICES	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
AGRI/FOR/FISH	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
INTERMEDIATE INPUT COSTS RELATIVE TO THE U.S.						
DURABLES	1.00666	1.00700	1.00757	1.00814	1.00956	1.00964
NONDURABLES	1.00545	1.00599	1.00679	1.00758	1.00963	1.01007
MINING	1.01272	1.01319	1.01410	1.01502	1.01724	1.01723
CONT CONSTRUCTION	1.00819	1.00858	1.00935	1.01014	1.01214	1.01230
TRANSPORT + PUB UT	1.01256	1.01337	1.01479	1.01624	1.01991	1.02040
FINANCE, INS,+ RE	1.02104	1.02289	1.02510	1.02717	1.03252	1.03421
RETAIL TRADE	1.01368	1.01448	1.01575	1.01701	1.02021	1.02076
WHOLESALE TRADE	1.01509	1.01594	1.01748	1.01907	1.02313	1.02376
SERVICES	1.02046	1.02097	1.02204	1.02317	1.02606	1.02637
AGRI/FOR/FISH	1.01463	1.01559	1.01700	1.01839	1.02191	1.02256

THE HARTFORD FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
PRODUCTION COSTS FOR LOCAL MKTS RELATIVE TO THE U.S.						
DURABLES	1.02462	1.02483	1.02601	1.02728	1.02958	1.02735
NONDURABLES	1.00675	1.00843	1.01082	1.01319	1.01940	1.02108
MINING	1.02689	1.02469	1.02390	1.02355	1.02256	1.01988
CONT CONSTRUCTION	1.02072	1.02101	1.02216	1.02340	1.02598	1.02453
TRANSPORT + PUB UT	1.03166	1.03284	1.03510	1.03746	1.04369	1.04489
FINANCE, INS,+ RE	1.04129	1.04572	1.05078	1.05550	1.06778	1.07211
RETAIL TRADE	.99026	.99075	.99252	.99455	.99996	1.00032
WHOLESALE TRADE	1.07820	1.08234	1.08724	1.09187	1.10349	1.10646
SERVICES	1.10234	1.10129	1.10257	1.10464	1.11170	1.11342
AGRI/FOR/FISH	1.04877	1.05120	1.05433	1.05733	1.06489	1.06651
PRODUCTION COSTS FOR EXPORT MKTS RELATIVE TO THE U.S.						
DURABLES	1.02744	1.02795	1.02936	1.03083	1.03344	1.03114
NONDURABLES	1.04226	1.04524	1.04844	1.05133	1.05819	1.05966
MINING	1.02689	1.02469	1.02390	1.02355	1.02256	1.01988
CONT CONSTRUCTION	1.02072	1.02101	1.02216	1.02340	1.02598	1.02453
TRANSPORT + PUB UT	1.05087	1.05172	1.05372	1.05585	1.06146	1.06222
FINANCE, INS,+ RE	1.08246	1.08982	1.09726	1.10393	1.12094	1.12759
RETAIL TRADE	.99190	.99236	.99408	.99605	1.00130	1.00161
WHOLESALE TRADE	1.07820	1.08234	1.08724	1.09187	1.10349	1.10646
SERVICES	1.02288	1.02020	1.01976	1.02019	1.02217	1.02072
AGRI/FOR/FISH	1.04877	1.05120	1.05433	1.05733	1.06489	1.06651
LABOR INTENSITY						
DURABLES	1.01947	1.01954	1.01955	1.01950	1.01903	1.01886
NONDURABLES	1.03945	1.03684	1.03402	1.03106	1.01893	1.00597
MINING	1.01945	1.02777	1.03595	1.04388	1.07248	1.10206
CONT CONSTRUCTION	.97314	.97514	.97693	.97852	.98346	.98853
TRANSPORT + PUB UT	1.02280	1.02477	1.02645	1.02783	1.03131	1.03370
FINANCE, INS,+ RE	1.00690	1.00397	1.00095	.99788	.98582	.97295
RETAIL TRADE	1.02482	1.02646	1.02792	1.02921	1.03294	1.03611
WHOLESALE TRADE	.98420	.98296	.98156	.98002	.97331	.96584
SERVICES	1.01105	1.01277	1.01441	1.01594	1.02103	1.02584
AGRI/FOR/FISH	.93311	.93583	.93811	.93999	.94469	.94768
EXPORT SHARE MULTIPLICATIVE ADJUSTMENTS						
DURABLES	.892	.884	.876	.868	.844	.818
NONDURABLES	1.257	1.288	1.318	1.346	1.429	1.510
MINING	.027	.017	.010	.006	.001	.000
CONT CONSTRUCTION	.346	.331	.317	.303	.263	.224
TRANSPORT + PUB UT	1.321	1.363	1.400	1.430	1.503	1.551
FINANCE, INS,+ RE	1.254	1.266	1.277	1.289	1.325	1.365
RETAIL TRADE	1.040	1.035	1.030	1.025	1.009	.991
WHOLESALE TRADE	8.808	9.253	9.672	10.068	11.208	12.263
SERVICES	1.827	1.866	1.900	1.931	2.011	2.073
AGRI/FOR/FISH	.606	.558	.514	.473	.361	.267

THE HARTFORD FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
EXPORT SHARE OF U.S. AS A PERCENT						
DURABLES	1.108	1.098	1.084	1.067	.999	.954
NONDURABLES	.278	.284	.288	.292	.300	.305
MINING	.001	.001	.000	.000	.000	.000
CONT CONSTRUCTION	.515	.493	.472	.451	.391	.333
TRANSPORT + PUB UT	.348	.360	.371	.381	.401	.413
FINANCE, INS,+ RE	3.485	3.497	3.522	3.549	3.662	3.687
RETAIL TRADE	.849	.845	.841	.836	.820	.796
WHOLESALE TRADE	.680	.715	.747	.778	.866	.947
SERVICES	.512	.523	.535	.546	.569	.594
AGRI/FOR/FISH	.176	.162	.150	.138	.106	.078
EXPORT EMPLOYMENT AS % OF EMPLOYMENT						
DURABLES	93.759	93.705	93.631	93.564	93.389	93.310
NONDURABLES	76.644	76.829	76.897	76.900	76.445	75.751
MINING	4.744	3.005	1.904	1.195	.249	.044
CONT CONSTRUCTION	12.963	12.401	11.859	11.346	9.900	8.554
TRANSPORT + PUB UT	41.569	42.194	42.760	43.290	44.656	45.418
FINANCE, INS,+ RE	72.503	72.466	72.446	72.445	72.796	72.742
RETAIL TRADE	31.418	31.099	30.797	30.525	30.058	29.746
WHOLESALE TRADE	31.561	32.474	33.342	34.170	36.833	39.210
SERVICES	25.478	25.770	25.990	26.212	26.983	27.578
AGRI/FOR/FISH	24.221	22.575	21.037	19.589	15.642	11.992
EMPLOYMENT AS PERCENT OF U.S.						
DURABLES	.924	.917	.906	.892	.835	.798
NONDURABLES	.252	.256	.260	.262	.269	.272
MINING	.014	.014	.013	.013	.013	.012
CONT CONSTRUCTION	.372	.372	.373	.374	.374	.370
TRANSPORT + PUB UT	.349	.357	.363	.369	.380	.386
FINANCE, INS,+ RE	1.251	1.254	1.260	1.267	1.292	1.281
RETAIL TRADE	.463	.465	.468	.470	.470	.467
WHOLESALE TRADE	.501	.510	.519	.526	.540	.550
SERVICES	.481	.488	.496	.502	.512	.522
AGRI/FOR/FISH	.277	.274	.272	.269	.261	.252
DEMAND (IN BILLIONS OF DOLLARS)						
DURABLES	4.78992	5.35401	5.99099	6.60018	8.80020	11.75049
NONDURABLES	3.55312	3.93397	4.36255	4.78393	6.40597	8.37880
MINING	.34233	.36732	.39188	.42316	.54969	.74250
CONT CONSTRUCTION	1.37795	1.50608	1.69011	1.87892	2.75159	3.99789
TRANSPORT + PUB UT	2.18278	2.42347	2.68069	2.93505	3.94929	5.45015
FINANCE, INS,+ RE	4.07986	4.63956	5.20305	5.74298	7.93825	11.04201
RETAIL TRADE	1.83121	2.01624	2.21967	2.43729	3.33431	4.66227
WHOLESALE TRADE	1.27506	1.40492	1.54087	1.68126	2.17837	2.95628
SERVICES	3.64218	4.02836	4.54901	5.11344	7.47039	11.07854
AGRI/FOR/FISH	.06616	.07127	.07777	.08472	.11688	.17546

THE HARTFORD FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
SELF SUPPLY: LOCAL PRODUCTION FOR LOCAL USE						
DURABLES	.49440	.54922	.61337	.67499	.90474	1.20152
NONDURABLES	.39308	.43478	.48301	.53159	.73920	1.01414
MINING	.02285	.02452	.02616	.02825	.03669	.04956
CONT CONSTRUCTION	1.26343	1.38091	1.54964	1.72276	2.52290	3.66562
TRANSPORT + PUB UT	1.13392	1.25575	1.38561	1.51491	2.01700	2.75049
FINANCE, INS,+ RE	1.86343	2.11718	2.37458	2.62140	3.62007	5.04075
RETAIL TRADE	1.31367	1.44735	1.59399	1.75029	2.39640	3.34303
WHOLESALE TRADE	1.03679	1.14238	1.25292	1.36708	1.77129	2.40384
SERVICES	3.09127	3.41936	3.86699	4.35193	6.35740	9.48355
AGRI/FOR/FISH	.05092	.05485	.05985	.06520	.08995	.13504
IMPORTS: IMPLICIT PURCHASE OUTSIDE OF AREA FOR LOCAL USE						
DURABLES	4.29551	4.80479	5.37761	5.92519	7.89546	10.54897
NONDURABLES	3.16003	3.49919	3.87954	4.25234	5.66677	7.36467
MINING	.31948	.34280	.36572	.39491	.51299	.69294
CONT CONSTRUCTION	.11452	.12517	.14047	.15616	.22869	.33227
TRANSPORT + PUB UT	1.04886	1.16772	1.29508	1.42014	1.93228	2.69966
FINANCE, INS,+ RE	2.21642	2.52238	2.82847	3.12158	4.31818	6.00126
RETAIL TRADE	.51753	.56889	.62568	.68700	.93791	1.31924
WHOLESALE TRADE	.23827	.26254	.28794	.31418	.40707	.55244
SERVICES	.55091	.60900	.68202	.76151	1.11299	1.59499
AGRI/FOR/FISH	.01524	.01642	.01792	.01952	.02693	.04043
OUTPUT (SUPPLY-BILLIONS OF DOLLARS)						
DURABLES	7.87248	8.69164	9.61265	10.48325	13.71109	18.02164
NONDURABLES	2.12544	2.38321	2.66484	2.94444	4.06607	5.45353
MINING	.02399	.02528	.02667	.02859	.03678	.04959
CONT CONSTRUCTION	1.45159	1.57639	1.75813	1.94325	2.80011	4.00851
TRANSPORT + PUB UT	1.83188	2.03226	2.24520	2.45845	3.28933	4.49086
FINANCE, INS,+ RE	5.24255	5.87360	6.58132	7.27633	10.28021	14.35836
RETAIL TRADE	1.91810	2.10295	2.30544	2.52118	3.42750	4.75739
WHOLESALE TRADE	1.51492	1.69177	1.87962	2.07670	2.80417	3.95436
SERVICES	4.07141	4.52203	5.13180	5.79476	8.56563	12.89913
AGRI/FOR/FISH	.06719	.07084	.07579	.08108	.10663	.15343
SUPPLY/DEMAND RATIO						
DURABLES	1.64355	1.62339	1.60452	1.58833	1.55804	1.53369
NONDURABLES	.59819	.60580	.61084	.61549	.63473	.65087
MINING	.07008	.06882	.06805	.06756	.06692	.06678
CONT CONSTRUCTION	1.05344	1.04668	1.04025	1.03424	1.01763	1.00265
TRANSPORT + PUB UT	.83924	.83858	.83755	.83762	.83289	.82399
FINANCE, INS,+ RE	1.28498	1.26598	1.26490	1.26700	1.29502	1.30034
RETAIL TRADE	1.04745	1.04301	1.03864	1.03442	1.02795	1.02040
WHOLESALE TRADE	1.18812	1.20417	1.21985	1.23521	1.28728	1.33761
SERVICES	1.11785	1.12255	1.12811	1.13324	1.14661	1.16433
AGRI/FOR/FISH	1.01558	.99399	.97463	.95708	.91229	.87446

THE HARTFORD FS-53 CONTROL FORECAST.

	1983	1984	1985	1986	1990	1995
PERCENT SHIPPED WITHIN AREA: SS/SUPPLY						
DURABLES	.06280	.06319	.06381	.06439	.06599	.06667
NONDURABLES	.18494	.18243	.18125	.18054	.18180	.18596
MINING	.95256	.96995	.98096	.98805	.99751	.99956
CONT CONSTRUCTION	.87037	.87599	.88141	.88654	.90100	.91446
TRANSPORT + PUB UT	.61899	.61791	.61714	.61620	.61320	.61246
FINANCE, INS,+ RE	.35544	.36046	.36081	.36026	.35214	.35107
RETAIL TRADE	.68488	.68825	.69140	.69423	.69917	.70270
WHOLESALE TRADE	.68439	.67526	.66658	.65830	.63167	.60790
SERVICES	.75926	.75616	.75353	.75101	.74220	.73521
AGRI/FOR/FISH	.75779	.77425	.78963	.80411	.84358	.88008
REGIONAL PURCHASE COEFFICIENT: SS/DEMAND						
DURABLES	.10322	.10258	.10238	.10227	.10281	.10225
NONDURABLES	.11063	.11052	.11072	.11112	.11539	.12104
MINING	.06675	.06675	.06675	.06675	.06675	.06675
CONT CONSTRUCTION	.91689	.91689	.91689	.91689	.91689	.91689
TRANSPORT + PUB UT	.51948	.51816	.51688	.51614	.51073	.50466
FINANCE, INS,+ RE	.45674	.45633	.45638	.45645	.45603	.45651
RETAIL TRADE	.71738	.71785	.71812	.71813	.71871	.71704
WHOLESALE TRADE	.81313	.81313	.81313	.81313	.81313	.81313
SERVICES	.84874	.84882	.85007	.85108	.85101	.85603
AGRI/FOR/FISH	.76960	.76960	.76960	.76960	.76960	.76960
WAGE RATE (THOUSANDS OF DOLLARS)						
DURABLES	25.657	27.316	29.338	31.473	40.029	51.072
NONDURABLES	21.791	23.508	25.536	27.674	36.160	46.760
MINING	27.736	29.405	31.493	33.725	42.890	54.709
CONT CONSTRUCTION	22.470	23.721	25.323	27.051	34.265	43.766
TRANSPORT + PUB UT	23.455	24.931	26.725	28.646	36.469	46.750
FINANCE, INS,+ RE	22.796	24.544	26.640	28.842	37.759	48.925
RETAIL TRADE	10.140	10.651	11.317	12.036	15.103	19.089
WHOLESALE TRADE	24.635	26.274	28.273	30.394	39.036	50.084
SERVICES	14.957	15.894	17.078	18.359	23.645	30.831
AGRI/FOR/FISH	11.710	12.328	13.126	13.992	17.609	22.380
INDUSTRIAL MIX INDEX						
DURABLES	1.12777	1.12330	1.11757	1.11164	1.08923	1.07788
NONDURABLES	1.03519	1.04076	1.04410	1.04686	1.06734	1.06939
MINING	1.13546	1.13403	1.13880	1.13707	1.07756	1.07812
CONT CONSTRUCTION	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TRANSPORT + PUB UT	1.03288	1.03265	1.03381	1.03631	1.03869	1.04040
FINANCE, INS,+ RE	.95201	.94793	.94690	.94650	.95353	.93514
RETAIL TRADE	1.00214	1.00188	1.00177	1.00183	1.00174	1.00265
WHOLESALE TRADE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
SERVICES	1.03005	1.02984	1.03264	1.03539	1.04211	1.05389
AGRI/FOR/FISH	1.03859	1.03892	1.03915	1.03918	1.04856	1.04909

THE HARTFORD FS-53 CONTROL FORECAST.

.IVATE NONFARM EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.665	.731	.793	.848	.997	1.098
FURNITURE(25)	.608	.611	.605	.592	.533	.463
STONE,CLAY,ETC.(32)	.968	1.009	1.052	1.084	1.142	1.153
PRIMARY METALS(33)	2.528	2.636	2.744	2.822	2.974	3.078
FABRICATED METAL(34)	20.187	21.177	22.174	22.961	24.930	25.810
NON-ELEC MACHINE(35)	24.440	25.056	25.776	26.196	27.104	26.738
ELECT. EQUIPMENT(36)	9.725	10.316	10.761	11.069	11.908	12.903
MOTOR VEH.(371)	.023	.025	.027	.029	.032	.035
REST TRANS. EQUIP.	35.579	36.722	37.503	37.751	36.340	36.729
INSTRUMENTS(38)	4.253	4.236	4.317	4.362	4.621	5.328
MISC. MANUF.(39)	.754	.767	.773	.772	.724	.727
FOOD(20)	3.650	3.809	3.894	3.946	4.023	3.800
TOBACCO MANUF(21)	.211	.226	.236	.242	.245	.213
TEXTILES(22)	.351	.359	.362	.361	.331	.319
APPAREL(23)	2.003	2.031	2.066	2.074	1.992	1.960
PAPER(26)	2.150	2.292	2.442	2.565	2.873	3.112
PRINTING(27)	6.496	6.808	7.106	7.361	8.274	9.152
CHEMICALS(28)	2.443	2.683	2.907	3.095	3.548	3.968
PETRO PROD(29)	.257	.244	.231	.218	.173	.138
RUBBER(30)	1.077	1.165	1.256	1.304	1.455	1.361
LEATHER(31)	.008	.008	.008	.008	.008	.008
MINING	.153	.152	.149	.150	.153	.164
CONSTRUCTION	14.402	14.814	15.525	16.119	18.424	20.628
RAILROAD(40)	.753	.791	.791	.787	.762	.745
TRUCKING(42)	4.322	4.485	4.708	4.867	5.454	5.737
LOCAL/INTERURBAN(41)	1.574	1.656	1.723	1.766	1.911	2.055
AIR TRANSP.(45)	1.940	2.210	2.426	2.624	3.085	3.462
OTHER TRANSP.	1.199	1.283	1.393	1.496	1.809	2.162
COMMUNICATION(48)	3.925	4.145	4.343	4.479	5.045	5.927
PUBLIC UTILITIES(49)	3.786	3.873	3.907	3.935	3.833	3.833
BANKING(60)	9.768	10.098	10.544	10.898	12.021	13.147
INSURANCE(63+64)	53.746	55.514	57.790	59.572	66.338	70.788
CREDIT&FINANCE(61+62	3.645	3.724	3.952	4.159	4.779	5.552
REAL ESTATE(65,69)	3.166	3.462	3.623	3.724	3.956	4.316
EATING & DRINKING(58	22.923	23.711	24.423	25.211	27.237	30.773
REST OF RETAL(R52)	48.022	50.517	52.532	54.244	59.847	64.519
WHOLESALE	27.286	28.702	29.828	30.839	32.721	35.892
HOTELS(70)	3.255	3.392	3.450	3.540	3.823	3.862
PER. SERV. & REPR.	6.938	7.295	7.757	8.108	9.016	10.242
PRIVATE HOUSEHOLD	4.827	4.748	4.722	4.695	4.721	4.624
AUTO REP/SERV(75)	2.890	3.015	3.189	3.357	3.714	4.263
MISC. BUSI. SERV.(73	22.461	23.711	25.568	27.450	32.463	39.883
AMUSE.&RECREATION(79	3.438	3.688	3.965	4.239	5.002	5.864
MOTION PICTURES(78)	.407	.413	.428	.439	.500	.516
MEDICAL(80)	32.700	33.801	35.472	37.156	42.896	49.522
MISC. PROF. SERV.(81	7.166	7.534	8.003	8.474	10.011	12.014
EDUCTAION(82)	7.108	6.909	7.075	7.267	9.711	10.618
NON-PROFIT ORG.(83)	9.063	9.416	9.792	10.100	10.942	11.404
AGRI/FOR/FISH SERV.	1.572	1.586	1.609	1.629	1.735	1.980

THE HARTFORD FS-53 CONTROL FORECAST.

WAGE AND SALARY DISBURSEMENTS (IN BILLIONS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.01092	.01265	.01464	.01669	.02470	.03450
FURNITURE(25)	.01112	.01188	.01262	.01326	.01524	.01689
STONE,CLAY,ETC.(32)	.02187	.02425	.02719	.03009	.04055	.05232
PRIMARY METALS(33)	.06258	.06918	.07712	.08491	.11370	.14979
FABRICATED METAL(34)	.45851	.51133	.57458	.63813	.88326	1.16517
NON-ELEC MACHINE(35)	.59427	.64436	.70853	.76980	1.00764	1.26182
ELECT. EQUIPMENT(36)	.22301	.25368	.28600	.31731	.44118	.61377
MOTOR VEH.(371)	.00056	.00065	.00075	.00085	.00121	.00168
REST TRANS. EQUIP.	1.05276	1.16091	1.27760	1.38381	1.71109	2.21159
INSTRUMENTS(38)	.10767	.11563	.12794	.13996	.19339	.28763
MISC. MANUF.(39)	.01554	.01685	.01825	.01958	.02354	.03018
FOOD(20)	.07958	.08992	.10012	.11011	.14726	.17979
TOBACCO MANUF(21)	.00785	.00930	.01073	.01212	.01663	.01902
TEXTILES(22)	.00525	.00566	.00609	.00647	.00745	.00906
APPAREL(23)	.02434	.02620	.02858	.03075	.03754	.04697
PAPER(26)	.05980	.06891	.07983	.09090	.13323	.18637
PRINTING(27)	.11859	.13158	.14695	.16296	.23342	.33145
CHEMICALS(28)	.07762	.09274	.10992	.12747	.19366	.28186
PETRO PROD(29)	.01172	.01218	.01268	.01308	.01394	.01451
RUBBER(30)	.02150	.02475	.02868	.03200	.04563	.05450
LEATHER(31)	.00009	.00009	.00010	.00011	.00013	.00017
MINING	.00426	.00446	.00470	.00505	.00657	.00900
CONSTRUCTION	.32362	.35141	.39313	.43604	.63130	.90280
RAILROAD(40)	.02220	.02485	.02669	.02846	.03498	.04336
TRUCKING(42)	.09599	.10500	.11750	.12960	.18315	.24471
LOCAL/INTERURBAN(41)	.01787	.02004	.02245	.02472	.03431	.04734
AIR TRANSP.(45)	.04189	.05073	.05983	.06950	.10496	.15135
OTHER TRANSP.	.02417	.02752	.03213	.03705	.05739	.08783
COMMUNICATION(48)	.10196	.11516	.13017	.14464	.21100	.32182
PUBLIC UTILITIES(49)	.10638	.11651	.12683	.13763	.17284	.22186
BANKING(60)	.15764	.17373	.19512	.21673	.30713	.43171
INSURANCE(63+64)	1.28439	1.43086	1.61727	1.80503	2.62916	3.63422
CREDIT&FINANCE(61+62	.11090	.12353	.14359	.16480	.25196	.38269
REAL ESTATE(65,69)	.05017	.05867	.06624	.07333	.10032	.14071
EATING & DRINKING(58	.16659	.17985	.19582	.21424	.28744	.41197
REST OF RETAL(R52)	.55277	.61074	.67509	.74210	1.02778	1.40705
WHOLESALE	.67219	.75410	.84331	.93731	1.27730	1.79763
HOTELS(70)	.03307	.03630	.03932	.04303	.05867	.07562
PER. SERV. & REPR.	.07907	.08674	.09757	.10816	.14969	.21513
PRIVATE HOUSEHOLD	.03953	.04112	.04360	.04615	.05765	.07021
AUTO REP/SERV(75)	.04173	.04576	.05150	.05776	.08042	.11738
MISC. BUSI. SERV.(73	.37093	.41894	.48739	.56382	.86215	1.36616
AMUSE.&RECREATION(79	.03735	.04207	.04808	.05473	.08128	.12152
MOTION PICTURES(78)	.00403	.00441	.00497	.00552	.00824	.01106
MEDICAL(80)	.54166	.59525	.67077	.75459	1.12286	1.68038
MISC. PROF. SERV.(81	.17187	.19179	.21845	.24805	.37546	.58085
EDUCTAION(82)	.09167	.09272	.10013	.10880	.18331	.26020
NON-PROFIT ORG.(83)	.08857	.09668	.10691	.11746	.16032	.21282
AGRI/FOR/FISH SERV.	.01841	.01956	.02112	.02279	.03054	.04431

THE HARTFORD FS-53 CONTROL FORECAST.

ITERMEDIATE EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.291	.310	.327	.340	.365	.380
FURNITURE(25)	.000	.000	.000	.000	.000	.000
STONE,CLAY,ETC.(32)	.832	.870	.910	.941	.998	1.015
PRIMARY METALS(33)	.189	.198	.205	.210	.213	.214
FABRICATED METAL(34)	.496	.525	.550	.568	.596	.606
NON-ELEC MACHINE(35)	1.772	1.848	1.928	1.978	2.052	2.111
ELECT. EQUIPMENT(36)	.059	.064	.066	.068	.069	.072
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	1.090	1.125	1.150	1.159	1.126	1.142
INSTRUMENTS(38)	.013	.014	.014	.015	.016	.018
MISC. MANUF.(39)	.001	.001	.002	.002	.001	.002
FOOD(20)	.028	.029	.030	.030	.030	.028
TOBACCO MANUF(21)	.010	.011	.011	.011	.011	.010
TEXTILES(22)	.014	.014	.014	.014	.013	.013
APPAREL(23)	.009	.009	.010	.010	.010	.010
PAPER(26)	.064	.067	.070	.072	.076	.078
PRINTING(27)	2.878	3.002	3.122	3.221	3.570	3.913
CHEMICALS(28)	.102	.107	.112	.115	.124	.129
PETRO PROD(29)	.007	.007	.007	.007	.006	.006
RUBBER(30)	.221	.245	.271	.290	.350	.375
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.143	.144	.143	.144	.149	.160
CONSTRUCTION	2.021	2.095	2.206	2.300	2.641	2.999
RAILROAD(40)	.297	.308	.304	.298	.275	.259
TRUCKING(42)	1.725	1.798	1.892	1.958	2.181	2.291
LOCAL/INTERURBAN(41)	.293	.299	.301	.300	.296	.303
AIR TRANSP.(45)	.369	.392	.407	.421	.444	.473
OTHER TRANSP.	.264	.276	.291	.303	.333	.371
COMMUNICATION(48)	1.736	1.839	1.927	1.987	2.227	2.616
PUBLIC UTILITIES(49)	1.462	1.509	1.536	1.559	1.550	1.587
BANKING(60)	3.369	3.483	3.632	3.744	4.086	4.448
INSURANCE(63+64)	6.165	6.368	6.629	6.832	7.597	8.092
CREDIT&FINANCE(61+62	1.188	1.206	1.270	1.324	1.477	1.683
REAL ESTATE(65,69)	.570	.624	.652	.668	.702	.762
EATING & DRINKING(58	5.793	6.062	6.283	6.503	6.967	8.005
REST OF RETAL(R52)	2.476	2.606	2.707	2.788	3.045	3.279
WHOLESALE	9.457	9.815	10.042	10.210	10.220	10.729
HOTELS(70)	.148	.160	.167	.175	.197	.214
PER. SERV. & REPR.	1.408	1.470	1.549	1.602	1.715	1.897
PRIVATE HOUSEHOLD	.000	.000	.000	.000	.000	.000
AUTO REP/SERV(75)	.981	1.033	1.100	1.164	1.307	1.535
MISC. BUSI. SERV.(73	15.913	16.517	17.540	18.572	21.127	25.286
AMUSE.&RECREATION(79	.546	.575	.608	.640	.725	.832
MOTION PICTURES(78)	.104	.107	.112	.116	.135	.143
MEDICAL(80)	.926	.959	1.008	1.057	1.231	1.441
MISC. PROF. SERV.(81	4.636	4.875	5.172	5.464	6.369	7.577
EDUCTAION(82)	.150	.147	.151	.157	.213	.240
NON-PROFIT ORG.(83)	2.018	2.100	2.181	2.244	2.410	2.530
AGRI/FOR/FISH SERV.	.569	.591	.615	.637	.720	.863

THE HARTFORD FS-53 CONTROL FORECAST.

INDUCED EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.034	.036	.038	.040	.044	.046
FURNITURE(25)	.002	.002	.002	.002	.003	.003
STONE,CLAY,ETC.(32)	.073	.077	.081	.084	.091	.094
PRIMARY METALS(33)	.000	.000	.000	.000	.000	.000
FABRICATED METAL(34)	.041	.044	.046	.049	.054	.056
NON-ELEC MACHINE(35)	.999	1.052	1.118	1.173	1.332	1.448
ELECT. EQUIPMENT(36)	.031	.033	.035	.037	.040	.044
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.282	.284	.289	.296	.336	.354
INSTRUMENTS(38)	.014	.015	.016	.016	.018	.022
MISC. MANUF.(39)	.004	.004	.004	.004	.004	.004
FOOD(20)	.069	.071	.072	.073	.072	.068
TOBACCO MANUF(21)	.038	.039	.038	.038	.035	.029
TEXTILES(22)	.007	.007	.007	.008	.008	.008
APPAREL(23)	.048	.051	.053	.055	.057	.059
PAPER(26)	.011	.012	.012	.012	.013	.013
PRINTING(27)	.735	.757	.780	.799	.866	.922
CHEMICALS(28)	.058	.060	.062	.064	.069	.071
PETRO PROD(29)	.005	.005	.005	.005	.005	.004
RUBBER(30)	.050	.056	.062	.067	.083	.090
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.003	.004	.004	.004	.004	.005
CONSTRUCTION	10.514	10.883	11.478	11.990	13.959	15.864
RAILROAD(40)	.163	.168	.166	.164	.153	.144
TRUCKING(42)	.741	.771	.812	.843	.953	1.000
LOCAL/INTERURBAN(41)	.581	.589	.595	.595	.606	.618
AIR TRANSP.(45)	.324	.342	.356	.370	.400	.427
OTHER TRANSP.	.107	.109	.113	.116	.121	.129
COMMUNICATION(48)	1.137	1.196	1.250	1.286	1.432	1.648
PUBLIC UTILITIES(49)	1.027	1.065	1.093	1.119	1.147	1.189
BANKING(60)	3.721	3.838	4.002	4.133	4.525	4.865
INSURANCE(63+64)	1.274	1.315	1.368	1.410	1.542	1.591
CREDIT&FINANCE(61+62	1.432	1.444	1.515	1.580	1.759	1.969
REAL ESTATE(65,69)	1.617	1.766	1.848	1.899	2.005	2.159
EATING & DRINKING(58	9.639	10.025	10.401	10.826	11.981	13.687
REST OF RETAL(R52)	30.748	32.451	33.863	35.085	38.915	41.977
WHOLESALE	9.217	9.566	9.841	10.091	10.449	11.090
HOTELS(70)	.184	.197	.206	.217	.252	.272
PER. SERV. & REPR.	3.246	3.384	3.572	3.709	4.024	4.425
PRIVATE HOUSEHOLD	3.839	3.740	3.688	3.638	3.568	3.408
AUTO REP/SERV(75)	1.455	1.524	1.621	1.715	1.924	2.226
MISC. BUSI. SERV.(73	1.310	1.346	1.421	1.500	1.714	2.036
AMUSE.&RECREATION(79	1.915	2.001	2.106	2.212	2.496	2.822
MOTION PICTURES(78)	.258	.266	.280	.290	.340	.357
MEDICAL(80)	23.908	24.789	26.075	27.372	31.697	36.568
MISC. PROF. SERV.(81	1.169	1.224	1.297	1.373	1.631	1.936
EDUCTAION(82)	4.775	4.684	4.840	5.015	6.855	7.647
NON-PROFIT ORG.(83)	5.820	6.045	6.289	6.494	7.035	7.279
AGRI/FOR/FISH SERV.	.622	.637	.655	.673	.743	.880

THE HARTFORD FS-53 CONTROL FORECAST.

XPORT EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.340	.385	.428	.469	.588	.672
FURNITURE(25)	.606	.608	.602	.590	.530	.460
STONE,CLAY,ETC.(32)	.063	.062	.061	.059	.052	.044
PRIMARY METALS(33)	2.339	2.438	2.539	2.612	2.761	2.863
FABRICATED METAL(34)	19.649	20.609	21.577	22.345	24.280	25.149
NON-ELEC MACHINE(35)	21.670	22.156	22.729	23.044	23.720	23.179
ELECT. EQUIPMENT(36)	9.635	10.219	10.659	10.964	11.799	12.787
MOTOR VEH.(371)	.023	.025	.027	.029	.032	.035
REST TRANS. EQUIP.	34.207	35.314	36.064	36.295	34.879	35.233
INSTRUMENTS(38)	4.225	4.207	4.287	4.331	4.587	5.288
MISC. MANUF.(39)	.749	.762	.768	.766	.719	.721
FOOD(20)	3.553	3.709	3.792	3.844	3.921	3.704
TOBACCO MANUF(21)	.164	.177	.186	.193	.198	.175
TEXTILES(22)	.330	.338	.341	.339	.310	.298
APPAREL(23)	1.946	1.971	2.004	2.010	1.925	1.891
PAPER(26)	2.075	2.214	2.360	2.481	2.784	3.021
PRINTING(27)	2.882	3.049	3.204	3.341	3.838	4.317
CHEMICALS(28)	2.284	2.516	2.733	2.915	3.356	3.767
PETRO PROD(29)	.244	.231	.218	.205	.162	.128
RUBBER(30)	.806	.864	.923	.948	1.021	.896
LEATHER(31)	.008	.008	.008	.008	.008	.008
MINING	.007	.005	.003	.002	.000	.000
CONSTRUCTION	1.867	1.837	1.841	1.829	1.824	1.764
RAILROAD(40)	.294	.315	.321	.325	.333	.342
TRUCKING(42)	1.856	1.916	2.004	2.067	2.320	2.445
LOCAL/INTERURBAN(41)	.700	.768	.827	.871	1.009	1.134
AIR TRANSP.(45)	1.247	1.476	1.663	1.833	2.241	2.563
OTHER TRANSP.	.829	.898	.990	1.077	1.355	1.662
COMMUNICATION(48)	1.052	1.110	1.166	1.207	1.387	1.662
PUBLIC UTILITIES(49)	1.297	1.299	1.278	1.258	1.135	1.057
BANKING(60)	2.678	2.777	2.911	3.021	3.410	3.833
INSURANCE(63+64)	46.308	47.831	49.792	51.330	57.200	61.105
CREDIT&FINANCE(61+62	1.024	1.074	1.167	1.256	1.542	1.900
REAL ESTATE(65,69)	.979	1.072	1.123	1.157	1.249	1.396
EATING & DRINKING(58	7.491	7.625	7.738	7.883	8.289	9.082
REST OF RETAL(R52)	14.798	15.460	15.962	16.371	17.887	19.263
WHOLESALE	8.612	9.321	9.945	10.538	12.052	14.073
HOTELS(70)	2.923	3.035	3.077	3.147	3.374	3.377
PER. SERV. & REPR.	2.284	2.441	2.636	2.797	3.277	3.920
PRIVATE HOUSEHOLD	.987	1.007	1.034	1.057	1.153	1.216
AUTO REP/SERV(75)	.454	.458	.469	.478	.482	.502
MISC. BUSI. SERV.(73	5.238	5.848	6.607	7.377	9.622	12.560
AMUSE.&RECREATION(79	.977	1.113	1.252	1.387	1.781	2.210
MOTION PICTURES(78)	.044	.039	.036	.033	.025	.016
MEDICAL(80)	7.866	8.054	8.390	8.728	9.967	11.512
MISC. PROF. SERV.(81	1.361	1.436	1.534	1.637	2.012	2.501
EDUCTAION(82)	2.183	2.078	2.083	2.095	2.642	2.731
NON-PROFIT ORG.(83)	1.225	1.271	1.321	1.362	1.496	1.596
AGRI/FOR/FISH SERV.	.381	.358	.338	.319	.271	.237

THE HARTFORD FS-53 CONTROL FORECAST.

EXOGENOUS EMPLOYMENT (IN THOUSANDS OF PEOPLE)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.000	.000	.000	.000	.000	.000
FURNITURE(25)	.000	.000	.000	.000	.000	.000
STONE,CLAY,ETC.(32)	.000	.000	.000	.000	.000	.000
PRIMARY METALS(33)	.000	.000	.000	.000	.000	.000
FABRICATED METAL(34)	.000	.000	.000	.000	.000	.000
NON-ELEC MACHINE(35)	.000	.000	.000	.000	.000	.000
ELECT. EQUIPMENT(36)	.000	.000	.000	.000	.000	.000
MOTOR VEH.(371)	.000	.000	.000	.000	.000	.000
REST TRANS. EQUIP.	.000	.000	.000	.000	.000	.000
INSTRUMENTS(38)	.000	.000	.000	.000	.000	.000
MISC. MANUF.(39)	.000	.000	.000	.000	.000	.000
FOOD(20)	.000	.000	.000	.000	.000	.000
TOBACCO MANUF(21)	.000	.000	.000	.000	.000	.000
TEXTILES(22)	.000	.000	.000	.000	.000	.000
APPAREL(23)	.000	.000	.000	.000	.000	.000
PAPER(26)	.000	.000	.000	.000	.000	.000
PRINTING(27)	.000	.000	.000	.000	.000	.000
CHEMICALS(28)	.000	.000	.000	.000	.000	.000
PETRO PROD(29)	.000	.000	.000	.000	.000	.000
RUBBER(30)	.000	.000	.000	.000	.000	.000
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.000	.000	.000	.000	.000	.000
CONSTRUCTION	.000	.000	.000	.000	.000	.000
RAILROAD(40)	.000	.000	.000	.000	.000	.000
TRUCKING(42)	.000	.000	.000	.000	.000	.000
LOCAL/INTERURBAN(41)	.000	.000	.000	.000	.000	.000
AIR TRANSP.(45)	.000	.000	.000	.000	.000	.000
OTHER TRANSP.	.000	.000	.000	.000	.000	.000
COMMUNICATION(48)	.000	.000	.000	.000	.000	.000
PUBLIC UTILITIES(49)	.000	.000	.000	.000	.000	.000
BANKING(60)	.000	.000	.000	.000	.000	.000
INSURANCE(63+64)	.000	.000	.000	.000	.000	.000
CREDIT&FINANCE(61+62	.000	.000	.000	.000	.000	.000
REAL ESTATE(65,69)	.000	.000	.000	.000	.000	.000
EATING & DRINKING(58	.000	.000	.000	.000	.000	.000
REST OF RETAL(R52)	.000	.000	.000	.000	.000	.000
WHOLESALE	.000	.000	.000	.000	.000	.000
HOTELS(70)	.000	.000	.000	.000	.000	.000
PER. SERV. & REPR.	.000	.000	.000	.000	.000	.000
PRIVATE HOUSEHOLD	.000	.000	.000	.000	.000	.000
AUTO REP/SERV(75)	.000	.000	.000	.000	.000	.000
MISC. BUSI. SERV.(73	.000	.000	.000	.000	.000	.000
AMUSE.&RECREATION(79	.000	.000	.000	.000	.000	.000
MOTION PICTURES(78)	.000	.000	.000	.000	.000	.000
MEDICAL(80)	.000	.000	.000	.000	.000	.000
MISC. PROF. SERV.(81	.000	.000	.000	.000	.000	.000
EDUCTAION(82)	.000	.000	.000	.000	.000	.000
NON-PROFIT ORG.(83)	.000	.000	.000	.000	.000	.000
AGRI/FOR/FISH SERV.	.000	.000	.000	.000	.000	.000

THE HARTFORD FS-53 CONTROL FORECAST.

PRODUCTION COSTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.00429	1.00451	1.00554	1.00667	1.00938	1.00884
FURNITURE(25)	1.12379	1.12737	1.13146	1.13520	1.14363	1.14407
STONE,CLAY,ETC.(32)	1.03920	1.04089	1.04342	1.04587	1.05154	1.05140
PRIMARY METALS(33)	.97304	.97362	.97478	.97596	.97852	.97782
FABRICATED METAL(34)	1.01130	1.01326	1.01572	1.01801	1.02297	1.02252
NON-ELEC MACHINE(35)	1.01200	1.01141	1.01186	1.01253	1.01330	1.01035
ELECT. EQUIPMENT(36)	.99982	1.00227	1.00524	1.00799	1.01401	1.01390
MOTOR VEH.(371)	.96788	.96861	.96973	.97081	.97312	.97263
REST TRANS. EQUIP.	1.05493	1.05469	1.05563	1.05675	1.05804	1.05426
INSTRUMENTS(38)	1.01479	1.01921	1.02393	1.02816	1.03787	1.03927
MISC. MANUF.(39)	1.07694	1.07806	1.08002	1.08200	1.08653	1.08605
FOOD(20)	1.03250	1.03581	1.03904	1.04186	1.04858	1.05057
TOBACCO MANUF(21)	1.01834	1.01991	1.02163	1.02313	1.02666	1.02736
TEXTILES(22)	1.03601	1.03663	1.03783	1.03906	1.04196	1.04177
APPAREL(23)	1.03058	1.03408	1.03782	1.04118	1.04888	1.04992
PAPER(26)	1.08581	1.09018	1.09460	1.09849	1.10772	1.10998
PRINTING(27)	.99761	.99900	1.00122	1.00351	1.00972	1.01160
CHEMICALS(28)	1.05697	1.06120	1.06547	1.06923	1.07830	1.08095
PETRO PROD(29)	1.46555	1.46635	1.46729	1.46814	1.47014	1.47047
RUBBER(30)	1.01001	1.01160	1.01374	1.01575	1.02029	1.02017
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	1.02689	1.02469	1.02390	1.02355	1.02256	1.01988
CONSTRUCTION	1.02072	1.02101	1.02216	1.02340	1.02598	1.02453
RAILROAD(40)	.99136	.99106	.99258	.99468	1.00131	1.00340
TRUCKING(42)	1.04537	1.04706	1.04998	1.05298	1.06070	1.06197
LOCAL/INTERURBAN(41)	.97284	.97805	.98369	.98887	1.00240	1.00765
AIR TRANSP.(45)	.91589	.91812	.92143	.92482	.93394	.93691
OTHER TRANSP.	.94003	.94237	.94544	.94840	.95584	.95732
COMMUNICATION(48)	1.00719	1.00724	1.00867	1.01038	1.01504	1.01535
PUBLIC UTILITIES(49)	1.11474	1.11515	1.11614	1.11714	1.11944	1.11902
BANKING(60)	.98334	.98445	.98693	.98961	.99704	.99896
INSURANCE(63+64)	1.08714	1.09484	1.10256	1.10946	1.12705	1.13397
CREDIT&FINANCE(61+62	1.06450	1.07182	1.07973	1.08709	1.10648	1.11409
REAL ESTATE(65,69)	1.02680	1.02712	1.02807	1.02897	1.03106	1.03066
EATING & DRINKING(58	1.01873	1.01867	1.01953	1.02059	1.02326	1.02268
REST OF RETAL(R52)	.98223	.98287	.98490	.98720	.99338	.99401
WHOLESALE	1.07820	1.08234	1.08724	1.09187	1.10349	1.10646
HOTELS(70)	.99191	.98765	.98588	.98520	.98452	.98227
PER. SERV. & REPR.	.99843	.99594	.99520	.99513	.99542	.99375
PRIVATE HOUSEHOLD	1.68420	1.68470	1.69033	1.69787	1.72516	1.73981
AUTO REP/SERV(75)	1.01907	1.01885	1.01941	1.02011	1.02185	1.02129
MISC. BUSI. SERV.(73	1.02049	1.02315	1.02664	1.03001	1.03857	1.04064
AMUSE.&RECREATION(79	1.00938	1.00962	1.01139	1.01350	1.01927	1.01977
MOTION PICTURES(78)	.84991	.85179	.85428	.85671	.86288	.86436
MEDICAL(80)	.93484	.93082	.92909	.92841	.92797	.92620
MISC. PROF. SERV.(81	1.00187	.99943	.99897	.99920	1.00026	.99869
EDUCTAION(82)	1.11717	1.11642	1.11790	1.11999	1.12489	1.12136
NON-PROFIT ORG.(83)	.96939	.96875	.97013	.97216	.97840	.97918
AGRI/FOR/FISH SERV.	1.04877	1.05120	1.05433	1.05733	1.06489	1.06651

THE HARTFORD FS-53 CONTROL FORECAST.

FACTOR COSTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.99239	.99199	.99323	.99480	.99836	.99636
FURNITURE(25)	1.27987	1.28755	1.29613	1.30390	1.32115	1.32174
STONE,CLAY,ETC.(32)	1.05854	1.06095	1.06453	1.06799	1.07582	1.07529
PRIMARY METALS(33)	.92335	.92431	.92648	.92870	.93325	.93116
FABRICATED METAL(34)	1.01981	1.02390	1.02892	1.03354	1.04330	1.04199
NON-ELEC MACHINE(35)	1.01797	1.01633	1.01664	1.01739	1.01743	1.01107
ELECT. EQUIPMENT(36)	.99159	.99655	1.00238	1.00772	1.01915	1.01859
MOTOR VEH.(371)	.88009	.88166	.88423	.88671	.89163	.88957
REST TRANS. EQUIP.	1.11137	1.11053	1.11197	1.11377	1.11507	1.10687
INSTRUMENTS(38)	1.02133	1.02951	1.03801	1.04554	1.06262	1.06503
MISC. MANUF.(39)	1.18929	1.19124	1.19494	1.19870	1.20693	1.20493
FOOD(20)	1.04983	1.05525	1.06034	1.06469	1.07499	1.07819
TOBACCO MANUF(21)	1.02557	1.02774	1.03004	1.03202	1.03661	1.03751
TEXTILES(22)	1.09439	1.09552	1.09814	1.10088	1.10723	1.10617
APPAREL(23)	1.07636	1.08565	1.09538	1.10406	1.12376	1.12625
PAPER(26)	1.19432	1.20415	1.21385	1.22232	1.24226	1.24727
PRINTING(27)	.98420	.98695	.99130	.99580	1.00820	1.01234
CHEMICALS(28)	1.11831	1.12710	1.13564	1.14306	1.16083	1.16629
PETRO PROD(29)	1.51548	1.51628	1.51719	1.51799	1.51987	1.52020
RUBBER(30)	1.01499	1.01804	1.02210	1.02590	1.03424	1.03356
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	1.03106	1.02808	1.02678	1.02606	1.02413	1.02066
CONSTRUCTION	1.03409	1.03427	1.03582	1.03755	1.04075	1.03757
RAILROAD(40)	.98014	.97938	.98121	.98392	.99300	.99647
TRUCKING(42)	1.05686	1.05888	1.06239	1.06601	1.07532	1.07685
LOCAL/INTERURBAN(41)	.96208	.96843	.97517	.98132	.99745	1.00393
AIR TRANSP.(45)	.87914	.88171	.88561	.88963	.90054	.90428
OTHER TRANSP.	.90429	.90738	.91136	.91519	.92478	.92673
COMMUNICATION(48)	1.00779	1.00752	1.00899	1.01085	1.01602	1.01621
PUBLIC UTILITIES(49)	1.12793	1.12829	1.12922	1.13016	1.13227	1.13177
BANKING(60)	.97544	.97648	.97905	.98187	.98976	.99185
INSURANCE(63+64)	1.14756	1.16060	1.17342	1.18479	1.21372	1.22543
CREDIT&FINANCE(61+62	1.13140	1.14633	1.16163	1.17565	1.21259	1.22817
REAL ESTATE(65,69)	1.02836	1.02864	1.02955	1.03040	1.03237	1.03196
EATING & DRINKING(58	1.02620	1.02535	1.02617	1.02744	1.03062	1.02887
REST OF RETAL(R52)	.97473	.97530	.97744	.97990	.98657	.98719
WHOLESALE	1.09850	1.10371	1.10969	1.11529	1.12935	1.13307
HOTELS(70)	.97790	.97062	.96698	.96510	.96199	.95813
PER. SERV. & REPR.	.99092	.98663	.98490	.98420	.98318	.98034
PRIVATE HOUSEHOLD	1.68420	1.68470	1.69033	1.69787	1.72516	1.73981
AUTO REP/SERV(75)	1.03026	1.02931	1.02974	1.03047	1.03226	1.03081
MISC. BUSI. SERV.(73	1.02741	1.03124	1.03607	1.04069	1.05238	1.05536
AMUSE.&RECREATION(79	1.00717	1.00717	1.00907	1.01144	1.01801	1.01850
MOTION PICTURES(78)	.70744	.71050	.71435	.71806	.72749	.72998
MEDICAL(80)	.90258	.89665	.89378	.89237	.89063	.88800
MISC. PROF. SERV.(81	1.00026	.99695	.99600	.99592	.99629	.99413
EDUCTAION(82)	1.11212	1.11086	1.11235	1.11464	1.11993	1.11513
NON-PROFIT ORG.(83)	.94946	.94833	.94985	.95228	.95998	.96106
AGRI/FOR/FISH SERV.	1.06706	1.07028	1.07434	1.07820	1.08792	1.09006

THE HARTFORD FS-53 CONTROL FORECAST.

IOR COSTS (WAGES) RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.92613	.92553	.92733	.92973	.93520	.93222
FURNITURE(25)	1.34354	1.35418	1.36594	1.37662	1.40040	1.40140
STONE,CLAY,ETC.(32)	.99742	1.00202	1.00816	1.01410	1.02763	1.02741
PRIMARY METALS(33)	.75961	.76157	.76494	.76834	.77537	.77286
FABRICATED METAL(34)	.98958	.99541	1.00240	1.00887	1.02257	1.02088
NON-ELEC MACHINE(35)	.98866	.98631	.98661	.98756	.98735	.97833
ELECT. EQUIPMENT(36)	.96264	.96908	.97655	.98340	.99812	.99753
MOTOR VEH.(371)	.76998	.77239	.77609	.77970	.78686	.78396
REST TRANS. EQUIP.	1.11937	1.11830	1.12005	1.12231	1.12382	1.11329
INSTRUMENTS(38)	1.00221	1.01355	1.02518	1.03554	1.05913	1.06271
MISC. MANUF.(39)	1.22753	1.23045	1.23576	1.24119	1.25309	1.25035
FOOD(20)	1.14007	1.16572	1.18963	1.21039	1.26073	1.27761
TOBACCO MANUF(21)	1.03856	1.05716	1.07495	1.09051	1.12758	1.13810
TEXTILES(22)	1.10719	1.10917	1.11347	1.11804	1.12865	1.12706
APPAREL(23)	1.07055	1.08113	1.09218	1.10206	1.12452	1.12742
PAPER(26)	1.18982	1.20804	1.22585	1.24154	1.27885	1.28873
PRINTING(27)	.95387	.95778	.96371	.96992	.98716	.99327
CHEMICALS(28)	1.02680	1.04719	1.06663	1.08370	1.12531	1.13926
PETRO PROD(29)	1.32529	1.34397	1.36271	1.37947	1.41990	1.43120
RUBBER(30)	.96712	.97209	.97839	.98434	.99747	.99667
LEATHER(31)	.87107	.87107	.87107	.87107	.87107	.87107
MINING	.90209	.89197	.88617	.88245	.87320	.86325
CONSTRUCTION	1.02866	1.02912	1.03193	1.03510	1.04087	1.03489
RAILROAD(40)	.94684	.94594	.94805	.95121	.96189	.96609
TRUCKING(42)	1.04819	1.05160	1.05711	1.06284	1.07779	1.08091
LOCAL/INTERURBAN(41)	.81424	.82900	.84392	.85766	.89471	.91180
AIR TRANSP.(45)	.73592	.73983	.74548	.75135	.76753	.77364
OTHER TRANSP.	.77047	.77531	.78126	.78700	.80156	.80501
COMMUNICATION(48)	.97466	.97407	.97634	.97953	.98891	.99035
PUBLIC UTILITIES(49)	1.04109	1.04354	1.04811	1.05290	1.06387	1.06238
BANKING(60)	.93015	.93199	.93605	.94061	.95370	.95792
INSURANCE(63+64)	1.20748	1.22791	1.24776	1.26544	1.31089	1.33011
CREDIT&FINANCE(61+62	1.12754	1.14286	1.15856	1.17295	1.21089	1.22691
REAL ESTATE(65,69)	1.08251	1.08992	1.09874	1.10723	1.12920	1.13530
EATING & DRINKING(58	1.00789	1.00631	1.00753	1.00962	1.01491	1.01199
REST OF RETAL(R52)	.91848	.91940	.92260	.92634	.93663	.93788
WHOLESALE	1.13487	1.14448	1.15530	1.16547	1.19125	1.19857
HOTELS(70)	.93127	.92244	.91797	.91563	.91174	.90715
PER. SERV. & REPR.	.93698	.92906	.92534	.92357	.92065	.91603
PRIVATE HOUSEHOLD	1.68420	1.68470	1.69033	1.69787	1.72515	1.73981
AUTO REP/SERV(75)	1.00181	.99815	.99795	.99902	1.00219	.99866
MISC. BUSI. SERV.(73	1.01234	1.01977	1.02859	1.03706	1.05883	1.06544
AMUSE.&RECREATION(79	.99004	.99004	.99277	.99629	1.00625	1.00740
MOTION PICTURES(78)	.55183	.55571	.56039	.56493	.57658	.58001
MEDICAL(80)	.83632	.82813	.82393	.82177	.81891	.81555
MISC. PROF. SERV.(81	.96980	.96333	.96084	.96008	.95951	.95601
EDUCTAION(82)	1.10167	1.10033	1.10190	1.10434	1.10996	1.10486
NON-PROFIT ORG.(83)	.92742	.92620	.92781	.93041	.93867	.93985
AGRI/FOR/FISH SERV.	1.08806	1.09577	1.10490	1.11366	1.13602	1.14202

THE HARTFORD FS-53 CONTROL FORECAST.

FUEL COSTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.43666	1.43666	1.43666	1.43666	1.43666	1.43666
FURNITURE(25)	1.49043	1.49043	1.49043	1.49043	1.49043	1.49043
STONE,CLAY,ETC.(32)	1.47790	1.47790	1.47790	1.47790	1.47790	1.47790
PRIMARY METALS(33)	1.46362	1.46362	1.46362	1.46362	1.46362	1.46362
FABRICATED METAL(34)	1.51609	1.51609	1.51609	1.51609	1.51609	1.51609
NON-ELEC MACHINE(35)	1.50071	1.50071	1.50071	1.50071	1.50071	1.50071
ELECT. EQUIPMENT(36)	1.50797	1.50797	1.50797	1.50797	1.50797	1.50797
MOTOR VEH.(371)	1.49266	1.49266	1.49266	1.49266	1.49266	1.49266
REST TRANS. EQUIP.	1.49266	1.49266	1.49266	1.49266	1.49266	1.49266
INSTRUMENTS(38)	1.46753	1.46753	1.46753	1.46753	1.46753	1.46753
MISC. MANUF.(39)	1.48199	1.48199	1.48199	1.48199	1.48199	1.48199
FOOD(20)	1.48729	1.48729	1.48729	1.48729	1.48729	1.48729
TOBACCO MANUF(21)	1.41192	1.41192	1.41192	1.41192	1.41192	1.41192
TEXTILES(22)	1.45311	1.45311	1.45311	1.45311	1.45311	1.45311
APPAREL(23)	1.47958	1.47958	1.47958	1.47958	1.47958	1.47958
PAPER(26)	1.41762	1.41762	1.41762	1.41762	1.41762	1.41762
PRINTING(27)	1.50519	1.50519	1.50519	1.50519	1.50519	1.50519
CHEMICALS(28)	1.50512	1.50512	1.50512	1.50512	1.50512	1.50512
PETRO PROD(29)	1.61300	1.61300	1.61300	1.61300	1.61300	1.61300
RUBBER(30)	1.47805	1.47805	1.47805	1.47805	1.47805	1.47805
LEATHER(31)	1.44950	1.44950	1.44950	1.44950	1.44950	1.44950
MINING	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
CONSTRUCTION	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
RAILROAD(40)	1.20278	1.20278	1.20278	1.20278	1.20278	1.20278
TRUCKING(42)	1.20278	1.20278	1.20278	1.20278	1.20278	1.20278
LOCAL/INTERURBAN(41)	1.20278	1.20278	1.20278	1.20278	1.20278	1.20278
AIR TRANSP.(45)	1.20278	1.20278	1.20278	1.20278	1.20278	1.20278
OTHER TRANSP.	1.20278	1.20278	1.20278	1.20278	1.20278	1.20278
COMMUNICATION(48)	1.20278	1.20278	1.20278	1.20278	1.20278	1.20278
PUBLIC UTILITIES(49)	1.20278	1.20278	1.20278	1.20278	1.20278	1.20278
BANKING(60)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
INSURANCE(63+64)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
CREDIT&FINANCE(61+62	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
REAL ESTATE(65,69)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
EATING & DRINKING(58	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
REST OF RETAL(R52)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
WHOLESALE	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
HOTELS(70)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
PER. SERV. & REPR.	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
PRIVATE HOUSEHOLD	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
AUTO REP/SERV(75)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
MISC. BUSI. SERV.(73	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
AMUSE.&RECREATION(79	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
MOTION PICTURES(78)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
MEDICAL(80)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
MISC. PROF. SERV.(81	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
EDUCTAION(82)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
NON-PROFIT ORG.(83)	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218
AGRI/FOR/FISH SERV.	1.27218	1.27218	1.27218	1.27218	1.27218	1.27218

THE HARTFORD FS-53 CONTROL FORECAST.

CAPITAL COSTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.01678	1.01667	1.01713	1.01746	1.01819	1.01761
FURNITURE(25)	1.03190	1.03188	1.03233	1.03273	1.03358	1.03308
STONE,CLAY,ETC.(32)	1.01697	1.01686	1.01734	1.01771	1.01849	1.01789
PRIMARY METALS(33)	1.01574	1.01561	1.01606	1.01637	1.01705	1.01648
FABRICATED METAL(34)	1.02406	1.02398	1.02438	1.02469	1.02536	1.02488
NON-ELEC MACHINE(35)	1.02740	1.02733	1.02771	1.02801	1.02866	1.02820
ELECT. EQUIPMENT(36)	1.02679	1.02673	1.02715	1.02750	1.02824	1.02774
MOTOR VEH.(371)	1.02694	1.02688	1.02728	1.02760	1.02830	1.02783
REST TRANS. EQUIP.	1.02694	1.02688	1.02728	1.02760	1.02830	1.02783
INSTRUMENTS(38)	1.02806	1.02801	1.02849	1.02890	1.02977	1.02922
MISC. MANUF.(39)	1.02951	1.02946	1.02983	1.03014	1.03080	1.03037
FOOD(20)	1.02474	1.02467	1.02513	1.02551	1.02631	1.02577
TOBACCO MANUF(21)	1.02974	1.02969	1.03006	1.03036	1.03101	1.03058
TEXTILES(22)	1.02379	1.02370	1.02412	1.02444	1.02512	1.02461
APPAREL(23)	1.03381	1.03378	1.03405	1.03427	1.03476	1.03444
PAPER(26)	1.01252	1.01238	1.01282	1.01313	1.01378	1.01321
PRINTING(27)	1.01924	1.01915	1.01964	1.02002	1.02084	1.02026
CHEMICALS(28)	1.01689	1.01676	1.01721	1.01753	1.01822	1.01766
PETRO PROD(29)	1.02419	1.02415	1.02477	1.02531	1.02648	1.02578
RUBBER(30)	1.02088	1.02077	1.02122	1.02155	1.02227	1.02172
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	1.03070	1.03071	1.03145	1.03212	1.03359	1.03279
CONSTRUCTION	1.02922	1.02922	1.02970	1.03013	1.03108	1.03056
RAILROAD(40)	1.03090	1.03090	1.03172	1.03246	1.03408	1.03320
TRUCKING(42)	1.03090	1.03090	1.03172	1.03246	1.03408	1.03320
LOCAL/INTERURBAN(41)	1.03090	1.03090	1.03172	1.03246	1.03408	1.03320
AIR TRANSP.(45)	1.03090	1.03090	1.03172	1.03246	1.03408	1.03320
OTHER TRANSP.	1.03090	1.03090	1.03172	1.03246	1.03408	1.03320
COMMUNICATION(48)	1.03090	1.03090	1.03172	1.03246	1.03408	1.03320
PUBLIC UTILITIES(49)	1.03090	1.03090	1.03172	1.03246	1.03408	1.03320
BANKING(60)	1.02376	1.02376	1.02437	1.02493	1.02614	1.02548
INSURANCE(63+64)	1.02376	1.02376	1.02437	1.02493	1.02614	1.02548
CREDIT&FINANCE(61+62	1.02376	1.02376	1.02437	1.02493	1.02614	1.02548
REAL ESTATE(65,69)	1.02376	1.02376	1.02437	1.02493	1.02614	1.02548
EATING & DRINKING(58	1.03404	1.03404	1.03446	1.03484	1.03568	1.03522
REST OF RETAL(R52)	1.03404	1.03404	1.03446	1.03484	1.03568	1.03522
WHOLESALE	1.03630	1.03631	1.03665	1.03696	1.03764	1.03727
HOTELS(70)	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
PER. SERV. & REPR.	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
PRIVATE HOUSEHOLD	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
AUTO REP/SERV(75)	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
MISC. BUSI. SERV.(73	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
AMUSE.&RECREATION(79	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
MOTION PICTURES(78)	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
MEDICAL(80)	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
MISC. PROF. SERV.(81	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
EDUCTAION(82)	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
NON-PROFIT ORG.(83)	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947
AGRI/FOR/FISH SERV.	1.02753	1.02753	1.02822	1.02885	1.03022	1.02947

THE HARTFORD FS-53 CONTROL FORECAST.

INTERMEDIATE INPUT COSTS RELATIVE TO THE U.S.

	83	1984	1985	1986	1990	1995
LUMBER(24)	1.01154	1.01216	1.01304	1.01392	1.01610	1.01645
FURNITURE(25)	1.00860	1.00915	1.00993	1.01070	1.01261	1.01295
STONE,CLAY,ETC.(32)	1.01381	1.01455	1.01570	1.01684	1.01968	1.02005
PRIMARY METALS(33)	1.00504	1.00538	1.00589	1.00639	1.00767	1.00787
FABRICATED METAL(34)	1.00489	1.00524	1.00577	1.00630	1.00764	1.00785
NON-ELEC MACHINE(35)	1.00670	1.00704	1.00762	1.00821	1.00964	1.00971
ELECT. EQUIPMENT(36)	1.00651	1.00691	1.00756	1.00820	1.00983	1.01008
MOTOR VEH.(371)	1.00615	1.00650	1.00699	1.00747	1.00864	1.00884
REST TRANS. EQUIP.	1.00738	1.00764	1.00816	1.00870	1.00999	1.00993
INSTRUMENTS(38)	1.00808	1.00863	1.00948	1.01032	1.01246	1.01284
MISC. MANUF.(39)	1.00828	1.00889	1.00979	1.01068	1.01294	1.01340
FOOD(20)	1.01105	1.01174	1.01268	1.01359	1.01588	1.01636
TOBACCO MANUF(21)	1.00580	1.00633	1.00704	1.00771	1.00940	1.00977
TEXTILES(22)	1.00605	1.00640	1.00687	1.00733	1.00847	1.00871
APPAREL(23)	1.00565	1.00599	1.00647	1.00693	1.00810	1.00835
PAPER(26)	1.00731	1.00773	1.00833	1.00891	1.01039	1.01065
PRINTING(27)	1.00454	1.00522	1.00634	1.00748	1.01050	1.01121
CHEMICALS(28)	1.00779	1.00837	1.00921	1.01004	1.01213	1.01252
PETRO PROD(29)	1.00102	1.00186	1.00311	1.00436	1.00745	1.00785
RUBBER(30)	1.00618	1.00665	1.00731	1.00795	1.00956	1.00987
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	1.01272	1.01319	1.01410	1.01502	1.01724	1.01723
CONSTRUCTION	1.00819	1.00858	1.00935	1.01014	1.01214	1.01230
RAILROAD(40)	1.00941	1.00984	1.01088	1.01199	1.01468	1.01456
TRUCKING(42)	1.01915	1.02010	1.02167	1.02326	1.02733	1.02803
LOCAL/INTERURBAN(41)	1.01551	1.01623	1.01750	1.01880	1.02205	1.02239
AIR TRANSP.(45)	1.00702	1.00837	1.01024	1.01206	1.01673	1.01781
OTHER TRANSP.	.99054	.99182	.99361	.99535	.99973	1.00056
COMMUNICATION(48)	1.00588	1.00663	1.00796	1.00933	1.01288	1.01348
PUBLIC UTILITIES(49)	1.01647	1.01722	1.01866	1.02014	1.02379	1.02395
BANKING(60)	1.01416	1.01556	1.01771	1.01986	1.02543	1.02669
INSURANCE(63+64)	1.02194	1.02386	1.02608	1.02815	1.03349	1.03525
CREDIT&FINANCE(61+62	1.01403	1.01560	1.01795	1.02028	1.02643	1.02803
REAL ESTATE(65,69)	1.01769	1.01821	1.01937	1.02056	1.02336	1.02306
EATING & DRINKING(58	1.01223	1.01285	1.01374	1.01461	1.01684	1.01729
REST OF RETAL(R52)	1.01495	1.01591	1.01749	1.01908	1.02312	1.02377
WHOLESALE	1.01509	1.01594	1.01748	1.01907	1.02313	1.02376
HOTELS(70)	1.01514	1.01588	1.01720	1.01853	1.02190	1.02231
PER. SERV. & REPR.	1.01062	1.01103	1.01192	1.01286	1.01526	1.01550
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	1.00869	1.00916	1.00984	1.01052	1.01221	1.01247
MISC. BUSI. SERV.(73	1.00905	1.00977	1.01105	1.01236	1.01574	1.01633
AMUSE.&RECREATION(79	1.01427	1.01502	1.01650	1.01805	1.02205	1.02257
MOTION PICTURES(78)	.98253	.98331	.98454	.98577	.98891	.98946
MEDICAL(80)	1.00802	1.00831	1.00918	1.01014	1.01266	1.01286
MISC. PROF. SERV.(81	1.00697	1.00728	1.00837	1.00959	1.01281	1.01313
EDUCTAION(82)	1.13285	1.13367	1.13512	1.13658	1.14026	1.14069
NON-PROFIT ORG.(83)	1.01380	1.01424	1.01534	1.01650	1.01944	1.01957
AGRI/FOR/FISH SERV.	1.01463	1.01559	1.01700	1.01839	1.02191	1.02256

THE HARTFORD FS-53 CONTROL FORECAST.

PRODUCTION COSTS FOR LOCAL MKTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.00429	1.00451	1.00554	1.00667	1.00938	1.00884
FURNITURE(25)	1.12379	1.12737	1.13146	1.13520	1.14363	1.14407
STONE,CLAY,ETC.(32)	1.03920	1.04089	1.04342	1.04587	1.05154	1.05140
PRIMARY METALS(33)	.97304	.97362	.97478	.97596	.97852	.97782
FABRICATED METAL(34)	1.01130	1.01326	1.01572	1.01801	1.02297	1.02252
NON-ELEC MACHINE(35)	1.01200	1.01141	1.01186	1.01253	1.01330	1.01035
ELECT. EQUIPMENT(36)	.99982	1.00227	1.00524	1.00799	1.01401	1.01390
MOTOR VEH.(371)	.96788	.96861	.96973	.97081	.97312	.97263
REST TRANS. EQUIP.	1.05493	1.05469	1.05563	1.05675	1.05804	1.05426
INSTRUMENTS(38)	1.01479	1.01921	1.02393	1.02816	1.03787	1.03927
MISC. MANUF.(39)	1.07694	1.07806	1.08002	1.08200	1.08653	1.08605
FOOD(20)	1.03250	1.03581	1.03904	1.04186	1.04858	1.05057
TOBACCO MANUF(21)	1.01834	1.01991	1.02163	1.02313	1.02666	1.02736
TEXTILES(22)	1.03601	1.03663	1.03783	1.03906	1.04196	1.04177
APPAREL(23)	1.03058	1.03408	1.03782	1.04118	1.04888	1.04992
PAPER(26)	1.08581	1.09018	1.09460	1.09849	1.10772	1.10998
PRINTING(27)	.99761	.99900	1.00122	1.00351	1.00972	1.01160
CHEMICALS(28)	1.05697	1.06120	1.06547	1.06923	1.07830	1.08095
PETRO PROD(29)	1.46555	1.46635	1.46729	1.46814	1.47014	1.47047
RUBBER(30)	1.01001	1.01160	1.01374	1.01575	1.02029	1.02017
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	1.02689	1.02469	1.02390	1.02355	1.02256	1.01988
CONSTRUCTION	1.02072	1.02101	1.02216	1.02340	1.02598	1.02453
RAILROAD(40)	.99136	.99106	.99258	.99468	1.00131	1.00340
TRUCKING(42)	1.04537	1.04706	1.04998	1.05298	1.06070	1.06197
LOCAL/INTERURBAN(41)	.97284	.97805	.98369	.98887	1.00240	1.00765
AIR TRANSP.(45)	.91589	.91812	.92143	.92482	.93394	.93691
OTHER TRANSP.	.94003	.94237	.94544	.94840	.95584	.95732
COMMUNICATION(48)	1.00719	1.00724	1.00867	1.01038	1.01504	1.01535
PUBLIC UTILITIES(49)	1.11474	1.11515	1.11614	1.11714	1.11944	1.11902
BANKING(60)	.98334	.98445	.98693	.98961	.99704	.99896
INSURANCE(63+64)	1.08714	1.09484	1.10256	1.10946	1.12705	1.13397
CREDIT&FINANCE(61+62	1.06450	1.07182	1.07973	1.08709	1.10648	1.11409
REAL ESTATE(65,69)	1.02680	1.02712	1.02807	1.02897	1.03106	1.03066
EATING & DRINKING(58	1.01873	1.01867	1.01953	1.02059	1.02326	1.02268
REST OF RETAL(R52)	.98223	.98287	.98490	.98720	.99338	.99401
WHOLESALE	1.07820	1.08234	1.08724	1.09187	1.10349	1.10646
HOTELS(70)	.99191	.98765	.98588	.98520	.98452	.98227
PER. SERV. & REPR.	.99843	.99594	.99520	.99513	.99542	.99375
PRIVATE HOUSEHOLD	1.68420	1.68470	1.69033	1.69787	1.72516	1.73981
AUTO REP/SERV(75)	1.01907	1.01885	1.01941	1.02011	1.02185	1.02129
MISC. BUSI. SERV.(73	1.02049	1.02315	1.02664	1.03001	1.03857	1.04064
AMUSE.&RECREATION(79	1.00938	1.00962	1.01139	1.01350	1.01927	1.01977
MOTION PICTURES(78)	.84991	.85179	.85428	.85671	.86288	.86436
MEDICAL(80)	.93484	.93082	.92909	.92841	.92797	.92620
MISC. PROF. SERV.(81	1.00187	.99943	.99897	.99920	1.00026	.99869
EDUCTAION(82)	1.11717	1.11642	1.11790	1.11999	1.12489	1.12136
NON-PROFIT ORG.(83)	.96939	.96875	.97013	.97216	.97840	.97918
AGRI/FOR/FISH SERV.	1.04877	1.05120	1.05433	1.05733	1.06489	1.06651

THE HARTFORD FS-53 CONTROL FORECAST.

PRODUCTION COSTS FOR EXPORT MKTS RELATIVE TO THE U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.00429	1.00451	1.00554	1.00667	1.00938	1.00884
FURNITURE(25)	1.12379	1.12737	1.13146	1.13520	1.14363	1.14407
STONE,CLAY,ETC.(32)	1.03920	1.04089	1.04342	1.04587	1.05154	1.05140
PRIMARY METALS(33)	.97304	.97362	.97478	.97596	.97852	.97782
FABRICATED METAL(34)	1.01130	1.01326	1.01572	1.01801	1.02297	1.02252
NON-ELEC MACHINE(35)	1.01200	1.01141	1.01186	1.01253	1.01330	1.01035
ELECT. EQUIPMENT(36)	.99982	1.00227	1.00524	1.00799	1.01401	1.01390
MOTOR VEH.(371)	.96788	.96861	.96973	.97081	.97312	.97263
REST TRANS. EQUIP.	1.05493	1.05469	1.05563	1.05675	1.05804	1.05426
INSTRUMENTS(38)	1.01479	1.01921	1.02393	1.02816	1.03787	1.03927
MISC. MANUF.(39)	1.07694	1.07806	1.08002	1.08200	1.08653	1.08605
FOOD(20)	1.03250	1.03581	1.03904	1.04186	1.04858	1.05057
TOBACCO MANUF(21)	1.01834	1.01991	1.02163	1.02313	1.02666	1.02736
TEXTILES(22)	1.03601	1.03663	1.03783	1.03906	1.04196	1.04177
APPAREL(23)	1.03058	1.03408	1.03782	1.04118	1.04888	1.04992
PAPER(26)	1.08581	1.09018	1.09460	1.09849	1.10772	1.10998
PRINTING(27)	.99761	.99900	1.00122	1.00351	1.00972	1.01160
CHEMICALS(28)	1.05697	1.06120	1.06547	1.06923	1.07830	1.08095
PETRO PROD(29)	1.46555	1.46635	1.46729	1.46814	1.47014	1.47047
RUBBER(30)	1.01001	1.01160	1.01374	1.01575	1.02029	1.02017
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	1.02689	1.02469	1.02390	1.02355	1.02256	1.01988
CONSTRUCTION	1.02072	1.02101	1.02216	1.02340	1.02598	1.02453
RAILROAD(40)	.99136	.99106	.99258	.99468	1.00131	1.00340
TRUCKING(42)	1.04537	1.04706	1.04998	1.05298	1.06070	1.06197
LOCAL/INTERURBAN(41)	.97284	.97805	.98369	.98887	1.00240	1.00765
AIR TRANSP.(45)	.91589	.91812	.92143	.92482	.93394	.93691
OTHER TRANSP.	.94003	.94237	.94544	.94840	.95584	.95732
COMMUNICATION(48)	1.00719	1.00724	1.00867	1.01038	1.01504	1.01535
PUBLIC UTILITIES(49)	1.11474	1.11515	1.11614	1.11714	1.11944	1.11902
BANKING(60)	.98334	.98445	.98693	.98961	.99704	.99896
INSURANCE(63+64)	1.08714	1.09484	1.10256	1.10946	1.12705	1.13397
CREDIT&FINANCE(61+62	1.06450	1.07182	1.07973	1.08709	1.10648	1.11409
REAL ESTATE(65,69)	1.02680	1.02712	1.02807	1.02897	1.03106	1.03066
EATING & DRINKING(58	1.01873	1.01867	1.01953	1.02059	1.02326	1.02268
REST OF RETAL(R52)	.98223	.98287	.98490	.98720	.99338	.99401
WHOLESALE	1.07820	1.08234	1.08724	1.09187	1.10349	1.10646
HOTELS(70)	.99191	.98765	.98588	.98520	.98452	.98227
PER. SERV. & REPR.	.99843	.99594	.99520	.99513	.99542	.99375
PRIVATE HOUSEHOLD	1.68420	1.68470	1.69033	1.69787	1.72516	1.73981
AUTO REP/SERV(75)	1.01907	1.01885	1.01941	1.02011	1.02185	1.02129
MISC. BUSI. SERV.(73	1.02049	1.02315	1.02664	1.03001	1.03857	1.04064
AMUSE.&RECREATION(79	1.00938	1.00962	1.01139	1.01350	1.01927	1.01977
MOTION PICTURES(78)	.84991	.85179	.85428	.85671	.86288	.86436
MEDICAL(80)	.93484	.93082	.92909	.92841	.92797	.92620
MISC. PROF. SERV.(81	1.00187	.99943	.99897	.99920	1.00026	.99869
EDUCTAION(82)	1.11717	1.11642	1.11790	1.11999	1.12489	1.12136
NON-PROFIT ORG.(83)	.96939	.96875	.97013	.97216	.97840	.97918
AGRI/FOR/FISH SERV.	1.04877	1.05120	1.05433	1.05733	1.06489	1.06651

THE HARTFORD FS-53 CONTROL FORECAST.

LABOR INTENSITY

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.02025	1.02348	1.02645	1.02917	1.03803	1.04643
FURNITURE(25)	.96597	.96502	.96401	.96296	.95873	.95446
STONE,CLAY,ETC.(32)	1.06303	1.06277	1.06234	1.06176	1.05875	1.05544
PRIMARY METALS(33)	1.20172	1.20247	1.20301	1.20337	1.20369	1.20392
FABRICATED METAL(34)	1.04326	1.04235	1.04136	1.04030	1.03597	1.03172
NON-ELEC MACHINE(35)	1.01831	1.01907	1.01978	1.02043	1.02264	1.02538
ELECT. EQUIPMENT(36)	1.04227	1.04140	1.04047	1.03948	1.03550	1.03153
MOTOR VEH.(371)	1.14013	1.14021	1.14016	1.13998	1.13863	1.13742
REST TRANS. EQUIP.	.98831	.98861	.98887	.98909	.98976	.99084
INSTRUMENTS(38)	1.03993	1.03842	1.03680	1.03510	1.02825	1.02116
MISC. MANUF.(39)	.97382	.97346	.97305	.97260	.97059	.96865
FOOD(20)	.99748	.99171	.98544	.97882	.95182	.92279
TOBACCO MANUF(21)	1.08808	1.08083	1.07317	1.06525	1.03373	1.00070
TEXTILES(22)	.97327	.97417	.97492	.97553	.97699	.97819
APPAREL(23)	1.00936	1.00904	1.00865	1.00823	1.00635	1.00434
PAPER(26)	1.05142	1.04801	1.04440	1.04065	1.02571	1.01005
PRINTING(27)	1.03171	1.03163	1.03145	1.03115	1.02927	1.02670
CHEMICALS(28)	1.18286	1.17620	1.16923	1.16207	1.13385	1.10415
PETRO PROD(29)	1.50622	1.48259	1.45951	1.43707	1.35550	1.27534
RUBBER(30)	1.05724	1.05661	1.05587	1.05502	1.05119	1.04728
LEATHER(31)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MINING	1.01945	1.02777	1.03595	1.04388	1.07248	1.10206
CONSTRUCTION	.97314	.97514	.97693	.97852	.98346	.98853
RAILROAD(40)	1.01062	1.01216	1.01359	1.01489	1.01900	1.02255
TRUCKING(42)	.99199	.99292	.99368	.99426	.99538	.99577
LOCAL/INTERURBAN(41)	1.23307	1.22901	1.22442	1.21941	1.19758	1.17215
AIR TRANSP.(45)	1.14835	1.15106	1.15337	1.15529	1.16010	1.16295
OTHER TRANSP.	1.16660	1.16683	1.16681	1.16657	1.16423	1.16087
COMMUNICATION(48)	1.01911	1.02006	1.02090	1.02159	1.02322	1.02418
PUBLIC UTILITIES(49)	.98637	.99230	.99762	1.00235	1.01695	1.03024
BANKING(60)	1.05132	1.05110	1.05078	1.05035	1.04791	1.04469
INSURANCE(63+64)	1.00279	.99919	.99552	.99182	.97750	.96239
CREDIT&FINANCE(61+62	1.00754	1.00726	1.00697	1.00668	1.00554	1.00432
REAL ESTATE(65,69)	.95866	.95773	.95644	.95482	.94665	.93673
EATING & DRINKING(58	.98495	.98708	.98904	.99083	.99655	1.00202
REST OF RETAL(R52)	1.03688	1.03837	1.03969	1.04082	1.04395	1.04642
WHOLESALE	.98420	.98296	.98156	.98002	.97331	.96584
HOTELS(70)	1.01610	1.01836	1.02055	1.02264	1.02996	1.03713
PER. SERV. & REPR.	.97746	.98274	.98785	.99271	1.00966	1.02624
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	.95420	.95902	.96357	.96782	.98203	.99575
MISC. BUSI. SERV.(73	1.05059	1.04813	1.04558	1.04295	1.03242	1.02119
AMUSE.&RECREATION(79	1.00144	1.00243	1.00331	1.00405	1.00601	1.00749
MOTION PICTURES(78)	1.29567	1.29460	1.29336	1.29196	1.28569	1.27852
MEDICAL(80)	1.02395	1.02763	1.03120	1.03462	1.04657	1.05817
MISC. PROF. SERV.(81	.97528	.97901	.98261	.98603	.99786	1.00937
EDUCTAION(82)	1.00582	1.00605	1.00627	1.00646	1.00705	1.00764
NON-PROFIT ORG.(83)	1.01646	1.01692	1.01735	1.01773	1.01891	1.01994
AGRI/FOR/FISH SERV.	.93311	.93583	.93811	.93999	.94469	.94768

THE HARTFORD FS-53 CONTROL FORECAST.

EXPORT SHARE MULTIPLICATIVE ADJUSTMENTS

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.260	1.342	1.418	1.489	1.683	1.849
FURNITURE(25)	.739	.707	.676	.647	.559	.475
STONE,CLAY,ETC.(32)	1.612	1.515	1.423	1.337	1.092	.868
PRIMARY METALS(33)	.772	.770	.768	.766	.760	.752
FABRICATED METAL(34)	.905	.903	.901	.900	.894	.887
NON-ELEC MACHINE(35)	.602	.586	.571	.556	.511	.464
ELECT. EQUIPMENT(36)	.964	.973	.982	.991	1.020	1.051
MOTOR VEH.(371)	.933	.954	.974	.994	1.056	1.120
REST TRANS. EQUIP.	1.082	1.071	1.060	1.049	1.013	.974
INSTRUMENTS(38)	.991	1.003	1.016	1.028	1.066	1.107
MISC. MANUF.(39)	.740	.735	.730	.724	.707	.688
FOOD(20)	1.359	1.396	1.433	1.469	1.577	1.688
TOBACCO MANUF(21)	11.719	12.699	13.578	14.367	16.416	18.010
TEXTILES(22)	.762	.748	.734	.720	.677	.631
APPAREL(23)	.818	.814	.809	.805	.792	.776
PAPER(26)	1.464	1.529	1.591	1.650	1.822	1.986
PRINTING(27)	1.786	1.846	1.904	1.960	2.128	2.296
CHEMICALS(28)	2.494	2.625	2.747	2.863	3.194	3.497
PETRO PROD(29)	.710	.677	.645	.615	.526	.440
RUBBER(30)	.480	.450	.423	.397	.323	.256
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.027	.017	.010	.006	.001	.000
CONSTRUCTION	.346	.331	.317	.303	.263	.224
RAILROAD(40)	1.126	1.174	1.220	1.264	1.394	1.518
TRUCKING(42)	.916	.916	.915	.915	.914	.914
LOCAL/INTERURBAN(41)	22.556	24.621	26.447	28.063	32.140	35.160
AIR TRANSP.(45)	50.312	56.779	62.030	66.293	75.358	80.362
OTHER TRANSP.	48.539	52.113	55.373	58.347	66.338	72.920
COMMUNICATION(48)	1.001	1.012	1.023	1.034	1.069	1.106
PUBLIC UTILITIES(49)	.787	.760	.734	.710	.635	.559
BANKING(60)	1.295	1.311	1.327	1.343	1.394	1.448
INSURANCE(63+64)	1.227	1.238	1.248	1.259	1.292	1.328
CREDIT&FINANCE(61+62	14.036	14.722	15.371	15.984	17.759	19.413
REAL ESTATE(65,69)	1.835	1.854	1.872	1.890	1.947	2.009
EATING & DRINKING(58	.968	.955	.943	.930	.891	.848
REST OF RETAL(R52)	1.066	1.064	1.062	1.059	1.051	1.043
WHOLESALE	8.808	9.253	9.672	10.068	11.208	12.263
HOTELS(70)	.760	.744	.728	.712	.662	.610
PER. SERV. & REPR.	2.889	2.985	3.077	3.166	3.435	3.704
PRIVATE HOUSEHOLD	6.875	7.261	7.623	7.961	8.920	9.784
AUTO REP/SERV(75)	1.199	1.163	1.129	1.095	.993	.888
MISC. BUSI. SERV.(73	5.944	6.479	6.954	7.375	8.443	9.243
AMUSE.&RECREATION(79	7.169	7.881	8.502	9.042	10.366	11.297
MOTION PICTURES(78)	1.514	1.329	1.166	1.024	.670	.414
MEDICAL(80)	1.520	1.515	1.510	1.505	1.490	1.472
MISC. PROF. SERV.(81	1.747	1.771	1.795	1.819	1.893	1.973
EDUCTAION(82)	1.154	1.129	1.104	1.079	1.003	.923
NON-PROFIT ORG.(83)	6.231	6.275	6.318	6.361	6.499	6.652
AGRI/FOR/FISH SERV.	.606	.558	.514	.473	.361	.267

THE HARTFORD FS-53 CONTROL FORECAST.

EXPORT SHARE OF U.S. AS A PERCENT

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.093	.100	.106	.112	.129	.141
FURNITURE(25)	.191	.181	.171	.162	.136	.114
STONE,CLAY,ETC.(32)	.032	.030	.028	.026	.021	.017
PRIMARY METALS(33)	.299	.297	.297	.297	.295	.295
FABRICATED METAL(34)	1.937	1.932	1.928	1.923	1.892	1.873
NON-ELEC MACHINE(35)	1.264	1.241	1.212	1.182	1.081	.969
ELECT. EQUIPMENT(36)	.589	.586	.583	.580	.577	.572
MOTOR VEH.(371)	.004	.004	.004	.004	.004	.004
REST TRANS. EQUIP.	4.198	4.333	4.370	4.321	3.686	3.524
INSTRUMENTS(38)	.670	.653	.640	.627	.590	.579
MISC. MANUF.(39)	.247	.245	.243	.239	.228	.216
FOOD(20)	.367	.376	.380	.384	.395	.394
TOBACCO MANUF(21)	.281	.302	.321	.337	.377	.408
TEXTILES(22)	.066	.064	.063	.062	.057	.052
APPAREL(23)	.225	.220	.215	.210	.195	.182
PAPER(26)	.432	.450	.466	.482	.528	.576
PRINTING(27)	.461	.476	.489	.501	.534	.561
CHEMICALS(28)	.259	.278	.292	.305	.328	.356
PETRO PROD(29)	.170	.163	.156	.149	.129	.109
RUBBER(30)	.180	.175	.170	.163	.141	.114
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.001	.001	.000	.000	.000	.000
CONSTRUCTION	.515	.493	.472	.451	.391	.333
RAILROAD(40)	.155	.161	.168	.174	.192	.209
TRUCKING(42)	.320	.320	.320	.320	.320	.320
LOCAL/INTERURBAN(41)	.762	.832	.894	.948	1.086	1.188
AIR TRANSP.(45)	.468	.528	.577	.616	.700	.747
OTHER TRANSP.	.456	.485	.520	.555	.673	.772
COMMUNICATION(48)	.175	.177	.180	.182	.189	.196
PUBLIC UTILITIES(49)	.727	.707	.683	.662	.586	.523
BANKING(60)	.929	.940	.952	.963	1.000	1.039
INSURANCE(63+64)	6.675	6.733	6.790	6.846	7.026	7.224
CREDIT&FINANCE(61+62	.453	.475	.496	.516	.573	.627
REAL ESTATE(65,69)	.384	.387	.391	.395	.407	.420
EATING & DRINKING(58	.602	.594	.586	.578	.554	.527
REST OF RETAL(R52)	1.071	1.068	1.066	1.063	1.056	1.047
WHOLESALE	.680	.715	.747	.778	.866	.947
HOTELS(70)	.325	.317	.310	.304	.283	.260
PER. SERV. & REPR.	1.611	1.665	1.717	1.768	1.924	2.078
PRIVATE HOUSEHOLD	.246	.260	.273	.285	.319	.350
AUTO REP/SERV(75)	.605	.587	.569	.552	.501	.448
MISC. BUSI. SERV.(73	.538	.586	.629	.668	.765	.839
AMUSE.&RECREATION(79	.496	.546	.588	.626	.717	.782
MOTION PICTURES(78)	.058	.051	.045	.039	.026	.016
MEDICAL(80)	.688	.685	.683	.682	.677	.673
MISC. PROF. SERV.(81	.457	.463	.469	.475	.495	.516
EDUCTAION(82)	.617	.604	.590	.577	.536	.493
NON-PROFIT ORG.(83)	.286	.288	.290	.292	.299	.306
AGRI/FOR/FISH SERV.	.176	.162	.150	.138	.106	.078

THE HARTFORD FS-53 CONTROL FORECAST.

EXPORT EMPLOYMENT AS % OF EMPLOYMENT

	1983	1984	1985	1986	1990	1995
LUMBER(24)	51.113	52.616	53.978	55.236	58.955	61.237
FURNITURE(25)	99.616	99.590	99.563	99.537	99.449	99.349
STONE,CLAY,ETC.(32)	6.536	6.144	5.793	5.471	4.590	3.785
PRIMARY METALS(33)	92.513	92.490	92.513	92.559	92.830	93.021
FABRICATED METAL(34)	97.337	97.314	97.308	97.314	97.392	97.436
NON-ELEC MACHINE(35)	88.664	88.427	88.180	87.969	87.515	86.690
ELECT. EQUIPMENT(36)	99.073	99.061	99.054	99.052	99.087	99.102
MOTOR VEH.(371)	99.715	99.718	99.721	99.724	99.738	99.754
REST TRANS. EQUIP.	96.145	96.164	96.162	96.145	95.978	95.927
INSTRUMENTS(38)	99.345	99.322	99.304	99.289	99.257	99.250
MISC. MANUF.(39)	99.342	99.332	99.318	99.305	99.268	99.232
FOOD(20)	97.341	97.380	97.393	97.403	97.460	97.467
TOBACCO MANUF(21)	77.372	78.330	79.062	79.639	80.999	82.022
TEXTILES(22)	94.179	94.067	93.987	93.909	93.662	93.401
APPAREL(23)	97.135	97.051	96.967	96.883	96.648	96.459
PAPER(26)	96.509	96.578	96.649	96.714	96.899	97.073
PRINTING(27)	44.374	44.790	45.094	45.386	46.383	47.167
CHEMICALS(28)	93.455	93.788	94.010	94.197	94.569	94.947
PETRO PROD(29)	95.083	94.842	94.595	94.341	93.521	92.450
RUBBER(30)	74.799	74.178	73.521	72.673	70.196	65.842
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	4.744	3.005	1.904	1.195	.249	.044
CONSTRUCTION	12.963	12.401	11.859	11.346	9.900	8.554
RAILROAD(40)	38.978	39.772	40.543	41.284	43.698	45.869
TRUCKING(42)	42.937	42.722	42.569	42.463	42.532	42.625
LOCAL/INTERURBAN(41)	44.453	46.401	48.004	49.351	52.812	55.178
AIR TRANSP.(45)	64.282	66.778	68.550	69.864	72.624	74.009
OTHER TRANSP.	69.121	69.992	71.033	71.979	74.888	76.870
COMMUNICATION(48)	26.805	26.786	26.847	26.944	27.484	28.050
PUBLIC UTILITIES(49)	34.263	33.538	32.716	31.971	29.623	27.573
BANKING(60)	27.413	27.502	27.603	27.721	28.366	29.155
INSURANCE(63+64)	86.159	86.160	86.161	86.164	86.224	86.321
CREDIT&FINANCE(61+62	28.093	28.843	29.536	30.188	32.277	34.222
REAL ESTATE(65,69)	30.917	30.958	30.999	31.053	31.562	32.346
EATING & DRINKING(58	32.679	32.156	31.685	31.268	30.434	29.512
REST OF RETAL(R52)	30.816	30.603	30.385	30.180	29.887	29.857
WHOLESALE	31.561	32.474	33.342	34.170	36.833	39.210
HOTELS(70)	89.783	89.476	89.189	88.921	88.263	87.439
PER. SERV. & REPR.	32.918	33.463	33.987	34.496	36.347	38.271
PRIVATE HOUSEHOLD	20.451	21.221	21.900	22.514	24.422	26.304
AUTO REP/SERV(75)	15.711	15.192	14.698	14.231	12.987	11.787
MISC. BUSI. SERV.(73	23.320	24.663	25.841	26.875	29.641	31.493
AMUSE.&RECREATION(79	28.415	30.165	31.573	32.728	35.608	37.694
MOTION PICTURES(78)	10.820	9.565	8.440	7.439	4.966	3.147
MEDICAL(80)	24.055	23.827	23.651	23.489	23.236	23.247
MISC. PROF. SERV.(81	18.989	19.055	19.166	19.314	20.094	20.816
EDUCTAION(82)	30.719	30.084	29.448	28.830	27.211	25.721
NON-PROFIT ORG.(83)	13.518	13.501	13.488	13.486	13.676	13.993
AGRI/FOR/FISH SERV.	24.221	22.575	21.037	19.589	15.642	11.992

THE HARTFORD FS-53 CONTROL FORECAST.

PLOYMENT AS PERCENT OF U.S.

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.116	.121	.126	.131	.142	.151
FURNITURE(25)	.142	.134	.127	.120	.100	.084
STONE,CLAY,ETC.(32)	.176	.176	.175	.174	.169	.165
PRIMARY METALS(33)	.283	.282	.282	.281	.279	.278
FABRICATED METAL(34)	1.443	1.438	1.433	1.428	1.398	1.378
NON-ELEC MACHINE(35)	1.096	1.080	1.058	1.035	.953	.866
ELECT. EQUIPMENT(36)	.503	.500	.497	.493	.488	.483
MOTOR VEH.(371)	.003	.004	.004	.004	.004	.004
REST TRANS. EQUIP.	3.504	3.617	3.649	3.610	3.086	2.956
INSTRUMENTS(38)	.598	.582	.569	.557	.521	.508
MISC. MANUF.(39)	.198	.196	.194	.191	.182	.173
FOOD(20)	.230	.234	.235	.236	.236	.228
TOBACCO MANUF(21)	.326	.345	.360	.373	.398	.411
TEXTILES(22)	.047	.046	.046	.045	.041	.038
APPAREL(23)	.179	.175	.171	.168	.156	.146
PAPER(26)	.338	.350	.362	.373	.402	.430
PRINTING(27)	.512	.525	.535	.544	.567	.584
CHEMICALS(28)	.232	.247	.257	.266	.278	.293
PETRO PROD(29)	.141	.133	.126	.119	.098	.079
RUBBER(30)	.200	.197	.192	.186	.167	.143
LEATHER(31)	.000	.000	.000	.000	.000	.000
MINING	.014	.014	.013	.013	.013	.012
CONSTRUCTION	.372	.372	.373	.374	.374	.370
RAILROAD(40)	.190	.194	.198	.202	.211	.220
TRUCKING(42)	.361	.363	.365	.366	.365	.365
LOCAL/INTERURBAN(41)	.576	.600	.621	.638	.671	.688
AIR TRANSP.(45)	.436	.475	.506	.532	.584	.613
OTHER TRANSP.	.273	.286	.303	.318	.370	.413
COMMUNICATION(48)	.282	.285	.289	.292	.298	.302
PUBLIC UTILITIES(49)	.437	.437	.436	.434	.421	.409
BANKING(60)	.592	.597	.602	.606	.613	.618
INSURANCE(63+64)	3.066	3.082	3.096	3.110	3.144	3.179
CREDIT&FINANCE(61+62	.333	.341	.347	.353	.366	.377
REAL ESTATE(65,69)	.282	.284	.286	.288	.289	.288
EATING & DRINKING(58	.478	.480	.482	.482	.477	.471
REST OF RETAL(R52)	.456	.459	.462	.464	.467	.465
WHOLESALE	.501	.510	.519	.526	.540	.550
HOTELS(70)	.285	.280	.276	.271	.256	.240
PER. SERV. & REPR.	.544	.556	.568	.579	.608	.634
PRIVATE HOUSEHOLD	.310	.316	.321	.327	.337	.343
AUTO REP/SERV(75)	.490	.494	.498	.501	.505	.505
MISC. BUSI. SERV.(73	.628	.645	.660	.671	.691	.705
AMUSE.&RECREATION(79	.422	.437	.451	.463	.489	.504
MOTION PICTURES(78)	.193	.191	.190	.189	.184	.179
MEDICAL(80)	.524	.528	.533	.538	.546	.549
MISC. PROF. SERV.(81	.439	.445	.450	.454	.460	.468
EDUCTAION(82)	.467	.467	.466	.466	.459	.447
NON-PROFIT ORG.(83)	.399	.403	.406	.409	.413	.413
AGRI/FOR/FISH SERV.	.277	.274	.272	.269	.261	.252

THE HARTFORD FS-53 CONTROL FORECAST.

DEMAND (IN BILLIONS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.14968	.16802	.18820	.20795	.27972	.36728
FURNITURE(25)	.09350	.10609	.11944	.13255	.17993	.23651
STONE,CLAY,ETC.(32)	.15197	.16894	.18930	.20931	.28346	.37020
PRIMARY METALS(33)	.78527	.87033	.96391	1.05111	1.35147	1.73897
FABRICATED METAL(34)	.52945	.59407	.66607	.73498	.98449	1.28479
NON-ELEC MACHINE(35)	1.04368	1.16030	1.30360	1.44110	1.96517	2.64175
ELECT. EQUIPMENT(36)	.67956	.78039	.88124	.97562	1.29872	1.78571
MOTOR VEH.(371)	.34681	.39314	.44799	.50215	.67851	.88824
REST TRANS. EQUIP.	.67947	.74815	.82342	.89500	1.15879	1.53020
INSTRUMENTS(38)	.22420	.24733	.27862	.30943	.44174	.66594
MISC. MANUF.(39)	.10632	.11726	.12921	.14098	.17819	.24089
FOOD(20)	1.03240	1.13357	1.24043	1.34617	1.74855	2.16781
TOBACCO MANUF(21)	.09985	.11237	.12416	.13563	.17412	.19296
TEXTILES(22)	.09548	.10498	.11411	.12236	.14573	.18465
APPAREL(23)	.17097	.18819	.20938	.22980	.29792	.39380
PAPER(26)	.28352	.31729	.35649	.39495	.54121	.72031
PRINTING(27)	.50706	.55759	.61652	.67673	.94221	1.31406
CHEMICALS(28)	.53269	.59725	.67509	.75204	1.06149	1.45865
PETRO PROD(29)	.63490	.69507	.76120	.82555	1.04319	1.33528
RUBBER(30)	.16608	.19555	.23137	.26532	.41106	.56554
LEATHER(31)	.03017	.03209	.03381	.03538	.04048	.04576
MINING	.34233	.36732	.39188	.42316	.54969	.74250
CONSTRUCTION	1.37795	1.50608	1.69011	1.87892	2.75159	3.99789
RAILROAD(40)	.09089	.10061	.10644	.11170	.13043	.15430
TRUCKING(42)	.26158	.28676	.32030	.35225	.49263	.65525
LOCAL/INTERURBAN(41)	.07691	.08226	.08825	.09363	.11890	.15627
AIR TRANSP.(45)	.17919	.20083	.22241	.24552	.33029	.44768
OTHER TRANSP.	.08796	.09698	.10864	.12046	.16547	.23302
COMMUNICATION(48)	.62979	.71314	.80404	.88986	1.28171	1.93581
PUBLIC UTILITIES(49)	.85646	.94290	1.03061	1.12162	1.42986	1.86782
BANKING(60)	.29896	.32934	.36842	.40724	.56874	.78987
INSURANCE(63+64)	1.27116	1.40112	1.56641	1.73198	2.47467	3.40163
CREDIT&FINANCE(61+62	.19684	.21469	.24420	.27468	.39739	.57953
REAL ESTATE(65,69)	2.31291	2.69441	3.02402	3.32908	4.49746	6.27098
EATING & DRINKING(58	.74393	.81103	.88764	.97449	1.31651	1.90773
REST OF RETAL(R52)	1.08728	1.20521	1.33203	1.46280	2.01780	2.75454
WHOLESALE	1.27506	1.40492	1.54087	1.68126	2.17837	2.95628
HOTELS(70)	.13133	.14993	.16758	.18825	.27271	.37564
PER. SERV. & REPR.	.23290	.25488	.28451	.31240	.41683	.57472
PRIVATE HOUSEHOLD	.03530	.03645	.03825	.04003	.04829	.05689
AUTO REP/SERV(75)	.33625	.37149	.41922	.47076	.65707	.96271
MISC. BUSI. SERV.(73	.91215	1.00977	1.15099	1.30705	1.91386	2.96806
AMUSE.&RECREATION(79	.09530	.10489	.11721	.13078	.18476	.26670
MOTION PICTURES(78)	.04429	.04896	.05552	.06196	.09410	.12877
MEDICAL(80)	.99876	1.11069	1.25836	1.41938	2.11451	3.14349
MISC. PROF. SERV.(81	.52546	.58911	.67035	.75868	1.13106	1.72119
EDUCTAION(82)	.13807	.14144	.15411	.16872	.29079	.42308
NON-PROFIT ORG.(83)	.19237	.21075	.23292	.25543	.34641	.45731
AGRI/FOR/FISH SERV.	.06616	.07127	.07777	.08472	.11688	.17546

THE HARTFORD FS-53 CONTROL FORECAST.

LF SUPPLY: LOCAL PRODUCTION FOR LOCAL USE

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.02577	.02892	.03240	.03580	.04815	.06323
FURNITURE(25)	.00012	.00014	.00015	.00017	.00023	.00030
STONE,CLAY,ETC.(32)	.06259	.06958	.07797	.08621	.11675	.15248
PRIMARY METALS(33)	.02084	.02310	.02558	.02790	.03587	.04616
FABRICATED METAL(34)	.03957	.04440	.04978	.05493	.07358	.09603
NON-ELEC MACHINE(35)	.22079	.24546	.27578	.30486	.41573	.55886
ELECT. EQUIPMENT(36)	.00605	.00695	.00784	.00868	.01156	.01589
MOTOR VEH.(371)	.00001	.00001	.00001	.00001	.00002	.00003
REST TRANS. EQUIP.	.11648	.12826	.14116	.15343	.19865	.26233
INSTRUMENTS(38)	.00183	.00202	.00228	.00253	.00361	.00544
MISC. MANUF.(39)	.00034	.00038	.00041	.00045	.00057	.00077
FOOD(20)	.01562	.01715	.01876	.02036	.02645	.03279
TOBACCO MANUF(21)	.01520	.01710	.01889	.02064	.02650	.02936
TEXTILES(22)	.00156	.00171	.00186	.00200	.00238	.00301
APPAREL(23)	.00222	.00245	.00272	.00299	.00388	.00512
PAPER(26)	.00801	.00897	.01007	.01116	.01529	.02036
PRINTING(27)	.29934	.32918	.36397	.39951	.55624	.77576
CHEMICALS(28)	.02193	.02459	.02780	.03097	.04371	.06006
PETRO PROD(29)	.00904	.00990	.01084	.01176	.01486	.01902
RUBBER(30)	.02016	.02374	.02809	.03221	.04991	.06866
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	.02285	.02452	.02616	.02825	.03669	.04956
CONSTRUCTION	1.26343	1.38091	1.54964	1.72276	2.52290	3.66562
RAILROAD(40)	.02970	.03288	.03478	.03650	.04262	.05042
TRUCKING(42)	.13604	.14913	.16657	.18319	.25619	.34076
LOCAL/INTERURBAN(41)	.03562	.03810	.04088	.04337	.05507	.07238
AIR TRANSP.(45)	.04743	.05316	.05887	.06498	.08742	.11849
OTHER TRANSP.	.02377	.02621	.02936	.03255	.04472	.06297
COMMUNICATION(48)	.25418	.28782	.32450	.35914	.51729	.78128
PUBLIC UTILITIES(49)	.60718	.66847	.73065	.79517	1.01370	1.32419
BANKING(60)	.28576	.31480	.35216	.38927	.54364	.75501
INSURANCE(63+64)	.44500	.49050	.54836	.60632	.86632	1.19082
CREDIT&FINANCE(61+62	.10263	.11194	.12733	.14322	.20720	.30217
REAL ESTATE(65,69)	1.03004	1.19994	1.34673	1.48258	2.00291	2.79274
EATING & DRINKING(58	.48229	.52579	.57546	.63176	.85350	1.23678
REST OF RETAL(R52)	.83138	.92156	1.01853	1.11852	1.54290	2.10625
WHOLESALE	1.03679	1.14238	1.25292	1.36708	1.77129	2.40384
HOTELS(70)	.00769	.00878	.00981	.01102	.01597	.02199
PER. SERV. & REPR.	.18915	.20700	.23107	.25372	.33853	.46675
PRIVATE HOUSEHOLD	.01967	.02031	.02131	.02231	.02691	.03169
AUTO REP/SERV(75)	.32000	.35354	.39897	.44801	.62532	.91619
MISC. BUSI. SERV.(73	.87631	.97009	1.10576	1.25569	1.83866	2.85143
AMUSE.&RECREATION(79	.06758	.07438	.08311	.09274	.13102	.18913
MOTION PICTURES(78)	.01780	.01968	.02232	.02491	.03782	.05176
MEDICAL(80)	.95825	1.06564	1.20733	1.36182	2.02875	3.01600
MISC. PROF. SERV.(81	.41262	.46261	.52640	.59576	.88818	1.35158
EDUCTAION(82)	.08562	.08771	.09557	.10463	.18033	.26237
NON-PROFIT ORG.(83)	.13657	.14962	.16536	.18134	.24593	.32466
AGRI/FOR/FISH SERV.	.05092	.05485	.05985	.06520	.08995	.13504

THE HARTFORD FS-53 CONTROL FORECAST.

IMPORTS: IMPLICIT PURCHASE OUTSIDE OF AREA FOR LOCAL USE

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.12391	.13909	.15580	.17215	.23157	.30406
FURNITURE(25)	.09338	.10595	.11928	.13238	.17969	.23620
STONE,CLAY,ETC.(32)	.08938	.09936	.11133	.12310	.16671	.21772
PRIMARY METALS(33)	.76443	.84722	.93832	1.02321	1.31559	1.69282
FABRICATED METAL(34)	.48987	.54966	.61628	.68004	.91091	1.18876
NON-ELEC MACHINE(35)	.82289	.91484	1.02782	1.13624	1.54944	2.08289
ELECT. EQUIPMENT(36)	.67351	.77344	.87340	.96693	1.28717	1.76982
MOTOR VEH.(371)	.34680	.39313	.44798	.50214	.67849	.88821
REST TRANS. EQUIP.	.56299	.61989	.68226	.74157	.96014	1.26788
INSTRUMENTS(38)	.22237	.24531	.27634	.30690	.43813	.66050
MISC. MANUF.(39)	.10598	.11689	.12879	.14053	.17762	.24012
FOOD(20)	1.01679	1.11642	1.22166	1.32581	1.72211	2.13502
TOBACCO MANUF(21)	.08466	.09527	.10527	.11499	.14762	.16359
TEXTILES(22)	.09392	.10327	.11225	.12037	.14336	.18164
APPAREL(23)	.16874	.18575	.20666	.22681	.29405	.38867
PAPER(26)	.27551	.30833	.34642	.38379	.52591	.69996
PRINTING(27)	.20771	.22842	.25256	.27722	.38597	.53830
CHEMICALS(28)	.51076	.57266	.64729	.72108	1.01778	1.39859
PETRO PROD(29)	.62586	.68517	.75036	.81379	1.02834	1.31626
RUBBER(30)	.14591	.17181	.20328	.23311	.36116	.49688
LEATHER(31)	.03017	.03209	.03381	.03538	.04048	.04576
MINING	.31948	.34280	.36572	.39491	.51299	.69294
CONSTRUCTION	.11452	.12517	.14047	.15616	.22869	.33227
RAILROAD(40)	.06119	.06773	.07166	.07520	.08781	.10388
TRUCKING(42)	.12555	.13763	.15373	.16906	.23644	.31449
LOCAL/INTERURBAN(41)	.04129	.04416	.04738	.05026	.06383	.08389
AIR TRANSP.(45)	.13176	.14767	.16354	.18054	.24287	.32919
OTHER TRANSP.	.06419	.07077	.07928	.08790	.12075	.17005
COMMUNICATION(48)	.37561	.42532	.47953	.53072	.76442	1.15453
PUBLIC UTILITIES(49)	.24927	.27443	.29996	.32645	.41616	.54363
BANKING(60)	.01319	.01453	.01626	.01797	.02510	.03486
INSURANCE(63+64)	.82616	.91063	1.01805	1.12566	1.60835	2.21081
CREDIT&FINANCE(61+62	.09420	.10275	.11687	.13146	.19019	.27735
REAL ESTATE(65,69)	1.28287	1.49447	1.67730	1.84649	2.49454	3.47824
EATING & DRINKING(58	.26164	.28524	.31218	.34273	.46302	.67094
REST OF RETAL(R52)	.25590	.28365	.31350	.34428	.47490	.64829
WHOLESALE	.23827	.26254	.28794	.31418	.40707	.55244
HOTELS(70)	.12364	.14115	.15776	.17722	.25674	.35364
PER. SERV. & REPR.	.04375	.04788	.05345	.05869	.07830	.10796
PRIVATE HOUSEHOLD	.01563	.01614	.01694	.01773	.02139	.02519
AUTO REP/SERV(75)	.01625	.01795	.02026	.02275	.03175	.04652
MISC. BUSI. SERV.(73	.03584	.03968	.04523	.05136	.07521	.11663
AMUSE.&RECREATION(79	.02772	.03051	.03409	.03804	.05374	.07758
MOTION PICTURES(78)	.02649	.02928	.03320	.03706	.05627	.07701
MEDICAL(80)	.04051	.04505	.05104	.05757	.08576	.12749
MISC. PROF. SERV.(81	.11284	.12651	.14395	.16292	.24288	.36961
EDUCTAION(82)	.05245	.05373	.05854	.06409	.11046	.16071
NON-PROFIT ORG.(83)	.05580	.06113	.06756	.07409	.10048	.13265
AGRI/FOR/FISH SERV.	.01524	.01642	.01792	.01952	.02693	.04043

THE HARTFORD FS-53 CONTROL FORECAST.

OUTPUT (SUPPLY-BILLIONS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.05271	.06104	.07040	.07997	.11732	.16311
FURNITURE(25)	.03136	.03334	.03521	.03681	.04200	.04675
STONE,CLAY,ETC.(32)	.06697	.07414	.08276	.09120	.12237	.15848
PRIMARY METALS(33)	.27840	.30759	.34174	.37492	.50027	.66138
FABRICATED METAL(34)	1.48616	1.65339	1.84943	2.04536	2.82126	3.74482
NON-ELEC MACHINE(35)	1.94774	2.12090	2.33322	2.53401	3.32990	4.19885
ELECT. EQUIPMENT(36)	.65215	.73943	.82924	.91558	1.26645	1.77046
MOTOR VEH.(371)	.00353	.00405	.00466	.00528	.00751	.01046
REST TRANS. EQUIP.	3.02184	3.34319	3.67788	3.97957	4.93965	6.44060
INSTRUMENTS(38)	.27980	.29834	.32734	.35554	.48634	.72623
MISC. MANUF.(39)	.05183	.05623	.06076	.06500	.07802	.10051
FOOD(20)	.58721	.65442	.71957	.78405	1.04130	1.29453
TOBACCO MANUF(21)	.06715	.07891	.09024	.10136	.13945	.16333
TEXTILES(22)	.02675	.02886	.03095	.03276	.03750	.04564
APPAREL(23)	.07763	.08301	.08981	.09590	.11562	.14465
PAPER(26)	.22954	.26207	.30066	.33964	.49319	.69554
PRINTING(27)	.53814	.59623	.66289	.73151	1.03742	1.46831
CHEMICALS(28)	.33510	.39585	.46407	.53359	.80481	1.18864
PETRO PROD(29)	.18391	.19193	.20058	.20776	.22933	.25188
RUBBER(30)	.08001	.09194	.10608	.11787	.16745	.20101
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	.02399	.02528	.02667	.02859	.03678	.04959
CONSTRUCTION	1.45159	1.57639	1.75813	1.94325	2.80011	4.00851
RAILROAD(40)	.04867	.05459	.05850	.06217	.07570	.09315
TRUCKING(42)	.23840	.26036	.29003	.31838	.44580	.59392
LOCAL/INTERURBAN(41)	.06413	.07108	.07861	.08562	.11670	.16147
AIR TRANSP.(45)	.13279	.16000	.18718	.21564	.31933	.45590
OTHER TRANSP.	.07698	.08734	.10135	.11617	.17807	.27225
COMMUNICATION(48)	.34726	.39312	.44360	.49160	.71335	1.08585
PUBLIC UTILITIES(49)	.92366	1.00578	1.08592	1.16888	1.44038	1.82831
BANKING(60)	.39368	.43422	.48643	.53857	.75891	1.06573
INSURANCE(63+64)	3.21513	3.54409	3.96244	4.38229	6.28875	8.70529
CREDIT&FINANCE(61+62	.14273	.15732	.18070	.20515	.30596	.45938
REAL ESTATE(65,69)	1.49101	1.73798	1.95175	2.15033	2.92659	4.12795
EATING & DRINKING(58	.71640	.77500	.84236	.91917	1.22689	1.75459
REST OF RETAL(R52)	1.20170	1.32795	1.46308	1.60201	2.20060	3.00280
WHOLESALE	1.51492	1.69177	1.87962	2.07670	2.80417	3.95436
HOTELS(70)	.07526	.08342	.09075	.09948	.13605	.17509
PER. SERV. & REPR.	.28197	.31111	.35003	.38733	.53183	.75613
PRIVATE HOUSEHOLD	.02473	.02578	.02728	.02879	.03560	.04301
AUTO REP/SERV(75)	.37965	.41687	.46771	.52234	.71865	1.03861
MISC. BUSI. SERV.(73	1.14281	1.28767	1.49105	1.71717	2.61324	4.16227
AMUSE.&RECREATION(79	.09440	.10651	.12147	.13785	.20347	.30354
MOTION PICTURES(78)	.01996	.02176	.02437	.02691	.03980	.05344
MEDICAL(80)	1.26177	1.39898	1.58133	1.77989	2.64284	3.92946
MISC. PROF. SERV.(81	.50934	.57151	.65121	.73837	1.11153	1.70688
EDUCTAION(82)	.12359	.12545	.13546	.14701	.24775	.35322
NON-PROFIT ORG.(83)	.15791	.17297	.19114	.20960	.28489	.37748
AGRI/FOR/FISH SERV.	.06719	.07084	.07579	.08108	.10663	.15343

THE HARTFORD FS-53 CONTROL FORECAST.

SUPPLY/DEMAND RATIO

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.35213	.36330	.37406	.38457	.41941	.44410
FURNITURE(25)	.33544	.31429	.29481	.27770	.23341	.19767
STONE,CLAY,ETC.(32)	.44068	.43884	.43721	.43572	.43169	.42808
PRIMARY METALS(33)	.35452	.35342	.35454	.35669	.37017	.38033
FABRICATED METAL(34)	2.80700	2.78317	2.77666	2.78288	2.86569	2.91474
NON-ELEC MACHINE(35)	1.86621	1.82788	1.78983	1.75838	1.69446	1.58942
ELECT. EQUIPMENT(36)	.95967	.94752	.94099	.93846	.97515	.99146
MOTOR VEH.(371)	.01017	.01029	.01040	.01052	.01107	.01178
REST TRANS. EQUIP.	4.44733	4.46862	4.46661	4.44647	4.26276	4.20899
INSTRUMENTS(38)	1.24799	1.20626	1.17488	1.14904	1.10097	1.09053
MISC. MANUF.(39)	.48745	.47950	.47027	.46107	.43786	.41723
FOOD(20)	.56878	.57731	.58010	.58243	.59552	.59716
TOBACCO MANUF(21)	.67249	.70224	.72677	.74736	.80087	.84645
TEXTILES(22)	.28020	.27490	.27123	.26777	.25734	.24718
APPAREL(23)	.45408	.44107	.42893	.41731	.38810	.36733
PAPER(26)	.80960	.82594	.84337	.85996	.91128	.96561
PRINTING(27)	1.06130	1.06929	1.07521	1.08095	1.10105	1.11738
CHEMICALS(28)	.62908	.66279	.68742	.70952	.75819	.81489
PETRO PROD(29)	.28967	.27613	.26350	.25166	.21983	.18863
RUBBER(30)	.48175	.47016	.45850	.44426	.40735	.35542
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	.07008	.06882	.06805	.06756	.06692	.06678
CONSTRUCTION	1.05344	1.04668	1.04025	1.03424	1.01763	1.00265
RAILROAD(40)	.53550	.54257	.54960	.55654	.58039	.60368
TRUCKING(42)	.91136	.90794	.90551	.90385	.90493	.90640
LOCAL/INTERURBAN(41)	.83382	.86413	.89076	.91446	.98153	1.03333
AIR TRANSP.(45)	.74103	.79670	.84160	.87829	.96682	1.01835
OTHER TRANSP.	.87518	.90057	.93294	.96443	1.07615	1.16835
COMMUNICATION(48)	.55139	.55125	.55171	.55244	.55656	.56093
PUBLIC UTILITIES(49)	1.07846	1.06669	1.05367	1.04213	1.00736	.97885
BANKING(60)	1.31685	1.31847	1.32031	1.32247	1.33437	1.34925
INSURANCE(63+64)	2.52929	2.52946	2.52964	2.53022	2.54125	2.55916
CREDIT&FINANCE(61+62	.72512	.73277	.73997	.74688	.76993	.79268
REAL ESTATE(65,69)	.64465	.64503	.64541	.64592	.65072	.65826
EATING & DRINKING(58	.96300	.95557	.94898	.94323	.93193	.91973
REST OF RETAL(R52)	1.10523	1.10185	1.09839	1.09517	1.09060	1.09013
WHOLESALE	1.18812	1.20417	1.21985	1.23521	1.28728	1.33761
HOTELS(70)	.57309	.55637	.54155	.52848	.49886	.46612
PER. SERV. & REPR.	1.21068	1.22059	1.23028	1.23985	1.27590	1.31566
PRIVATE HOUSEHOLD	.70041	.70725	.71340	.71905	.73721	.75604
AUTO REP/SERV(75)	1.12907	1.12216	1.11565	1.10958	1.09371	1.07884
MISC. BUSI. SERV.(73	1.25287	1.27521	1.29546	1.31378	1.36543	1.40235
AMUSE.&RECREATION(79	.99061	1.01544	1.03633	1.05412	1.10127	1.13814
MOTION PICTURES(78)	.45072	.44447	.43900	.43426	.42296	.41501
MEDICAL(80)	1.26334	1.25956	1.25666	1.25399	1.24986	1.25003
MISC. PROF. SERV.(81	.96933	.97012	.97144	.97323	.98273	.99169
EDUCTAION(82)	.89511	.88698	.87898	.87135	.85197	.83487
NON-PROFIT ORG.(83)	.82090	.82074	.82062	.82060	.82241	.82544
AGRI/FOR/FISH SERV.	1.01558	.99399	.97463	.95708	.91229	.87446

THE HARTFORD FS-53 CONTROL FORECAST.

'RCENT SHIPPED WITHIN AREA: SS/SUPPLY

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.48887	.47384	.46022	.44764	.41045	.38763
FURNITURE(25)	.00384	.00409	.00437	.00463	.00551	.00651
STONE,CLAY,ETC.(32)	.93464	.93856	.94207	.94529	.95410	.96215
PRIMARY METALS(33)	.07487	.07510	.07487	.07442	.07170	.06979
FABRICATED METAL(34)	.02663	.02686	.02692	.02686	.02608	.02564
NON-ELEC MACHINE(35)	.11336	.11573	.11820	.12031	.12485	.13310
ELECT. EQUIPMENT(36)	.00927	.00939	.00946	.00948	.00913	.00898
MOTOR VEH.(371)	.00285	.00282	.00279	.00276	.00262	.00246
REST TRANS. EQUIP.	.03855	.03836	.03838	.03855	.04022	.04073
INSTRUMENTS(38)	.00655	.00678	.00696	.00711	.00743	.00750
MISC. MANUF.(39)	.00658	.00668	.00682	.00695	.00732	.00768
FOOD(20)	.02659	.02620	.02607	.02597	.02540	.02533
TOBACCO MANUF(21)	.22628	.21670	.20938	.20361	.19001	.17978
TEXTILES(22)	.05821	.05933	.06013	.06091	.06338	.06599
APPAREL(23)	.02865	.02949	.03033	.03117	.03352	.03541
PAPER(26)	.03491	.03422	.03351	.03286	.03101	.02927
PRINTING(27)	.55626	.55210	.54906	.54614	.53617	.52833
CHEMICALS(28)	.06545	.06212	.05990	.05803	.05431	.05053
PETRO PROD(29)	.04917	.05158	.05405	.05659	.06479	.07550
RUBBER(30)	.25201	.25822	.26479	.27327	.29804	.34158
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	.95256	.96995	.98096	.98805	.99751	.99956
CONSTRUCTION	.87037	.87599	.88141	.88654	.90100	.91446
RAILROAD(40)	.61022	.60228	.59457	.58716	.56302	.54131
TRUCKING(42)	.57063	.57278	.57431	.57537	.57468	.57375
LOCAL/INTERURBAN(41)	.55547	.53599	.51996	.50649	.47188	.44822
AIR TRANSP.(45)	.35718	.33222	.31450	.30136	.27376	.25991
OTHER TRANSP.	.30879	.30008	.28967	.28021	.25112	.23130
COMMUNICATION(48)	.73195	.73214	.73153	.73056	.72516	.71950
PUBLIC UTILITIES(49)	.65737	.66462	.67284	.68029	.70377	.72427
BANKING(60)	.72587	.72498	.72397	.72279	.71634	.70845
INSURANCE(63+64)	.13841	.13840	.13839	.13836	.13776	.13679
CREDIT&FINANCE(61+62	.71907	.71157	.70464	.69812	.67723	.65778
REAL ESTATE(65,69)	.69083	.69042	.69001	.68947	.68438	.67654
EATING & DRINKING(58	.67321	.67844	.68315	.68732	.69566	.70488
REST OF RETAL(R52)	.69184	.69397	.69615	.69820	.70113	.70143
WHOLESALE	.68439	.67526	.66658	.65830	.63167	.60790
HOTELS(70)	.10217	.10524	.10811	.11079	.11737	.12561
PER. SERV. & REPR.	.67082	.66537	.66013	.65504	.63653	.61729
PRIVATE HOUSEHOLD	.79549	.78779	.78100	.77486	.75578	.73696
AUTO REP/SERV(75)	.84289	.84808	.85302	.85769	.87013	.88213
MISC. BUSI. SERV.(73	.76680	.75337	.74159	.73125	.70359	.68507
AMUSE.&RECREATION(79	.71585	.69835	.68427	.67272	.64392	.62306
MOTION PICTURES(78)	.89180	.90435	.91560	.92561	.95034	.96853
MEDICAL(80)	.75945	.76173	.76349	.76511	.76764	.76753
MISC. PROF. SERV.(81	.81011	.80945	.80834	.80686	.79906	.79184
EDUCTAION(82)	.69281	.69916	.70552	.71170	.72789	.74279
NON-PROFIT ORG.(83)	.86482	.86499	.86512	.86514	.86324	.86007
AGRI/FOR/FISH SERV.	.75779	.77425	.78963	.80411	.84358	.88008

THE HARTFORD FS-53 CONTROL FORECAST.

REGIONAL PURCHASE COEFFICIENT: SS/DEMAND

	1983	1984	1985	1986	1990	1995
LUMBER(24)	.17215	.17215	.17215	.17215	.17215	.17215
FURNITURE(25)	.00129	.00129	.00129	.00129	.00129	.00129
STONE,CLAY,ETC.(32)	.41188	.41188	.41188	.41188	.41188	.41188
PRIMARY METALS(33)	.02654	.02654	.02654	.02654	.02654	.02654
FABRICATED METAL(34)	.07474	.07474	.07474	.07474	.07474	.07474
NON-ELEC MACHINE(35)	.21155	.21155	.21155	.21155	.21155	.21155
ELECT. EQUIPMENT(36)	.00890	.00890	.00890	.00890	.00890	.00890
MOTOR VEH.(371)	.00003	.00003	.00003	.00003	.00003	.00003
REST TRANS. EQUIP.	.17143	.17143	.17143	.17143	.17143	.17143
INSTRUMENTS(38)	.00817	.00817	.00817	.00817	.00817	.00817
MISC. MANUF.(39)	.00320	.00320	.00320	.00320	.00320	.00320
FOOD(20)	.01513	.01513	.01513	.01513	.01513	.01513
TOBACCO MANUF(21)	.15217	.15217	.15217	.15217	.15217	.15217
TEXTILES(22)	.01631	.01631	.01631	.01631	.01631	.01631
APPAREL(23)	.01301	.01301	.01301	.01301	.01301	.01301
PAPER(26)	.02826	.02826	.02826	.02826	.02826	.02826
PRINTING(27)	.59035	.59035	.59035	.59035	.59035	.59035
CHEMICALS(28)	.04118	.04118	.04118	.04118	.04118	.04118
PETRO PROD(29)	.01424	.01424	.01424	.01424	.01424	.01424
RUBBER(30)	.12140	.12140	.12140	.12140	.12140	.12140
LEATHER(31)	.00000	.00000	.00000	.00000	.00000	.00000
MINING	.06675	.06675	.06675	.06675	.06675	.06675
CONSTRUCTION	.91689	.91689	.91689	.91689	.91689	.91689
RAILROAD(40)	.32678	.32678	.32678	.32678	.32678	.32678
TRUCKING(42)	.52005	.52005	.52005	.52005	.52005	.52005
LOCAL/INTERURBAN(41)	.46316	.46316	.46316	.46316	.46316	.46316
AIR TRANSP.(45)	.26468	.26468	.26468	.26468	.26468	.26468
OTHER TRANSP.	.27024	.27024	.27024	.27024	.27024	.27024
COMMUNICATION(48)	.40359	.40359	.40359	.40359	.40359	.40359
PUBLIC UTILITIES(49)	.70895	.70895	.70895	.70895	.70895	.70895
BANKING(60)	.95587	.95587	.95587	.95587	.95587	.95587
INSURANCE(63+64)	.35007	.35007	.35007	.35007	.35007	.35007
CREDIT&FINANCE(61+62	.52141	.52141	.52141	.52141	.52141	.52141
REAL ESTATE(65,69)	.44534	.44534	.44534	.44534	.44534	.44534
EATING & DRINKING(58	.64830	.64830	.64830	.64830	.64830	.64830
REST OF RETAL(R52)	.76464	.76464	.76464	.76464	.76464	.76464
WHOLESALE	.81313	.81313	.81313	.81313	.81313	.81313
HOTELS(70)	.05855	.05855	.05855	.05855	.05855	.05855
PER. SERV. & REPR.	.81215	.81215	.81215	.81215	.81215	.81215
PRIVATE HOUSEHOLD	.55717	.55717	.55717	.55717	.55717	.55717
AUTO REP/SERV(75)	.95168	.95168	.95168	.95168	.95168	.95168
MISC. BUSI. SERV.(73	.96070	.96070	.96070	.96070	.96070	.96070
AMUSE.&RECREATION(79	.70913	.70913	.70913	.70913	.70913	.70913
MOTION PICTURES(78)	.40195	.40195	.40195	.40195	.40195	.40195
MEDICAL(80)	.95944	.95944	.95944	.95944	.95944	.95944
MISC. PROF. SERV.(81	.78526	.78526	.78526	.78526	.78526	.78526
EDUCTAION(82)	.62014	.62014	.62014	.62014	.62014	.62014
NON-PROFIT ORG.(83)	.70993	.70993	.70993	.70993	.70993	.70993
AGRI/FOR/FISH SERV.	.76960	.76960	.76960	.76960	.76960	.76960

THE HARTFORD FS-53 CONTROL FORECAST.

AGE RATE (THOUSANDS OF DOLLARS)

	1983	1984	1985	1986	1990	1995
LUMBER(24)	16.416	17.306	18.448	19.680	24.784	31.432
FURNITURE(25)	18.283	19.441	20.871	22.390	28.575	36.468
STONE,CLAY,ETC.(32)	22.584	24.049	25.847	27.755	35.510	45.380
PRIMARY METALS(33)	24.751	26.242	28.104	30.093	38.229	48.667
FABRICATED METAL(34)	22.713	24.145	25.913	27.791	35.429	45.143
NON-ELEC MACHINE(35)	24.315	25.717	27.488	29.387	37.176	47.192
ELECT. EQUIPMENT(36)	22.931	24.591	26.578	28.667	37.050	47.569
MOTOR VEH.(371)	24.141	25.654	27.524	29.513	37.597	47.881
REST TRANS. EQUIP.	29.589	31.613	34.066	36.656	47.085	60.213
INSTRUMENTS(38)	25.316	27.299	29.637	32.084	41.849	53.981
MISC. MANUF.(39)	20.599	21.955	23.613	25.370	32.493	41.531
FOOD(20)	21.801	23.607	25.711	27.905	36.605	47.316
TOBACCO MANUF(21)	37.145	41.095	45.541	50.119	67.939	89.151
TEXTILES(22)	14.973	15.778	16.813	17.927	22.498	28.402
APPAREL(23)	12.150	12.902	13.833	14.823	18.845	23.961
PAPER(26)	27.815	30.061	32.693	35.441	46.370	59.887
PRINTING(27)	18.257	19.326	20.680	22.138	28.211	36.216
CHEMICALS(28)	31.765	34.568	37.812	41.188	54.576	71.037
PETRO PROD(29)	45.646	49.980	54.939	60.084	80.384	105.133
RUBBER(30)	19.952	21.252	22.844	24.531	31.369	40.037
LEATHER(31)	11.208	11.796	12.528	13.312	16.611	21.087
MINING	27.736	29.405	31.493	33.725	42.890	54.709
CONSTRUCTION	22.470	23.721	25.323	27.051	34.265	43.766
RAILROAD(40)	29.479	31.397	33.720	36.161	45.923	58.194
TRUCKING(42)	22.208	23.411	24.958	26.627	33.579	42.657
LOCAL/INTERURBAN(41)	11.350	12.106	13.026	13.999	17.957	23.040
AIR TRANSP.(45)	21.589	22.958	24.661	26.488	34.022	43.712
OTHER TRANSP.	20.151	21.458	23.061	24.765	31.720	40.633
COMMUNICATION(48)	25.977	27.780	29.972	32.295	41.821	54.298
PUBLIC UTILITIES(49)	28.100	30.079	32.460	34.971	45.096	57.883
BANKING(60)	16.139	17.204	18.505	19.888	25.550	32.837
INSURANCE(63+64)	23.897	25.775	27.985	30.300	39.633	51.339
CREDIT&FINANCE(61+62	30.428	33.170	36.332	39.623	52.727	68.931
REAL ESTATE(65,69)	15.846	16.950	18.283	19.688	25.359	32.599
EATING & DRINKING(58	7.267	7.585	8.018	8.498	10.554	13.387
REST OF RETAL(R52)	11.511	12.090	12.851	13.681	17.173	21.808
WHOLESALE	24.635	26.274	28.273	30.394	39.036	50.084
HOTELS(70)	10.159	10.699	11.398	12.157	15.347	19.578
PER. SERV. & REPR.	11.396	11.892	12.578	13.339	16.603	21.006
PRIVATE HOUSEHOLD	8.190	8.661	9.232	9.830	12.210	15.184
AUTO REP/SERV(75)	14.438	15.176	16.147	17.206	21.654	27.534
MISC. BUSI. SERV.(73	16.515	17.668	19.062	20.540	26.558	34.254
AMUSE.&RECREATION(79	10.862	11.406	12.125	12.911	16.248	20.722
MOTION PICTURES(78)	9.909	10.682	11.599	12.565	16.480	21.452
MEDICAL(80)	16.564	17.610	18.910	20.309	26.176	33.932
MISC. PROF. SERV.(81	23.984	25.456	27.296	29.273	37.505	48.348
EDUCTAION(82)	12.897	13.420	14.153	14.972	18.877	24.505
NON-PROFIT ORG.(83)	9.773	10.267	10.918	11.630	14.652	18.661
AGRI/FOR/FISH SERV.	11.710	12.328	13.126	13.992	17.609	22.380

THE HARTFORD FS-53 CONTROL FORECAST.

INDUSTRIAL MIX INDEX

	1983	1984	1985	1986	1990	1995
LUMBER(24)	1.03392	1.04093	1.04760	1.05398	1.07575	1.07316
FURNITURE(25)	1.06739	1.06242	1.05764	1.05486	1.04520	1.05103
STONE,CLAY,ETC.(32)	1.01502	1.01497	1.01618	1.01788	1.02321	1.03678
PRIMARY METALS(33)	1.00472	1.00306	1.00461	1.00646	1.01122	1.02229
FABRICATED METAL(34)	.98740	.98941	.99194	.99459	.99659	1.00154
NON-ELEC MACHINE(35)	.96885	.97128	.96911	.96713	.95718	.93635
ELECT. EQUIPMENT(36)	1.01222	1.00739	1.00370	.99963	1.00761	.99671
MOTOR VEH.(371)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REST TRANS. EQUIP.	1.16217	1.20529	1.22317	1.21912	1.07219	1.05528
INSTRUMENTS(38)	.99698	.98937	.98815	.98791	1.00094	1.02129
MISC. MANUF.(39)	.99975	1.00113	.99990	.99802	.99224	.97763
FOOD(20)	.97635	.97527	.96450	.95359	.92163	.86260
TOBACCO MANUF(21)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TEXTILES(22)	.98773	.98151	.98122	.98004	.96606	.96211
APPAREL(23)	1.00963	1.01151	1.01536	1.01904	1.03630	1.03975
PAPER(26)	1.00830	1.00683	1.00746	1.00817	1.01103	1.01901
PRINTING(27)	.99932	1.00127	.99856	.99612	.99118	.97653
CHEMICALS(28)	.97124	.99365	1.00033	1.00345	.97767	.97605
PETRO PROD(29)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
RUBBER(30)	.98680	1.02623	1.06249	1.08757	1.17752	1.20949
LEATHER(31)	1.00188	1.00415	1.00630	1.00795	1.00542	1.01810
MINING	1.13546	1.13403	1.13880	1.13707	1.07756	1.07812
CONSTRUCTION	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
RAILROAD(40)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TRUCKING(42)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
LOCAL/INTERURBAN(41)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AIR TRANSP.(45)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
OTHER TRANSP.	1.16140	1.15033	1.16111	1.17487	1.25343	1.30868
COMMUNICATION(48)	1.00700	1.00666	1.00893	1.01165	1.01759	1.01793
PUBLIC UTILITIES(49)	1.04323	1.05028	1.05055	1.05285	1.04309	1.05652
BANKING(60)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
INSURANCE(63+64)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
CREDIT&FINANCE(61+62	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REAL ESTATE(65,69)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
EATING & DRINKING(58	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
REST OF RETAL(R52)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
WHOLESALE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
HOTELS(70)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
PER. SERV. & REPR.	.99730	.99740	.99793	.99846	1.00124	1.00343
PRIVATE HOUSEHOLD	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AUTO REP/SERV(75)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MISC. BUSI. SERV.(73	1.00326	1.00316	1.00352	1.00389	1.00488	1.00618
AMUSE.&RECREATION(79	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MOTION PICTURES(78)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
MEDICAL(80)	.99898	.99675	.99777	.99898	1.00227	1.00903
MISC. PROF. SERV.(81	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
EDUCTAION(82)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
NON-PROFIT ORG.(83)	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AGRI/FOR/FISH SERV.	1.03859	1.03892	1.03915	1.03918	1.04856	1.04909

THE HARTFORD FS-53 CONTROL FORECAST.

'LOYMENT BY OCCUPATION

	1983	1984	1985	1986	1990	1995
AERONAUT. ENGINEERS	1.459	1.506	1.538	1.550	1.500	1.521
CHEMICAL ENGINEERS	.177	.187	.196	.204	.222	.243
CIVIL ENGINEERS	.812	.836	.862	.885	.961	1.048
ELEC. ENGINEERS	1.793	1.865	1.931	1.978	2.087	2.248
IND. ENGINEERS	1.438	1.489	1.542	1.579	1.666	1.765
MECH. ENGINEERS	1.497	1.548	1.597	1.629	1.685	1.756
METAL & MTRLS ENGNRS	.117	.121	.125	.128	.132	.137
MINING-PETRO ENGNRS	.026	.026	.027	.028	.030	.033
SALES & NEC ENGNRS	1.066	1.105	1.145	1.178	1.260	1.357
COMPUTER PROGRAMMERS	1.971	2.044	2.130	2.202	2.410	2.641
COMPUTER ANALYSTS	1.231	1.276	1.328	1.372	1.494	1.632
CMPTR SPCLSTS & NEC	.247	.257	.268	.277	.300	.328
HEALTH TECHNOLOGISTS	2.409	2.487	2.606	2.726	3.140	3.613
NURSES, THERPSTS,...	5.746	5.930	6.208	6.486	7.448	8.534
PHYS. ,DENT.,...	3.342	3.461	3.622	3.780	4.319	4.924
AGRI BIO TECHNICIANS	.142	.148	.153	.157	.170	.181
CHEMICAL TECHNICIANS	.246	.260	.275	.287	.318	.351
DRAFTSMEN	1.967	2.040	2.117	2.178	2.332	2.513
ELECTRCL TECHNICIANS	1.195	1.241	1.284	1.315	1.389	1.490
INDUST ENGNR TECHNCS	.210	.218	.224	.229	.235	.243
MECH. ENG. TECH.	.129	.133	.137	.139	.141	.145
MATH TECHNICIANS	.008	.008	.008	.008	.009	.010
NEC TECHNICIANS	1.605	1.661	1.722	1.773	1.909	2.080
PRE K, K-6 TEACHERS	1.570	1.531	1.569	1.611	2.130	2.325
7-12 TEACHERS	1.905	1.890	1.946	2.004	2.528	2.767
EDITORS + REPORTERS	1.013	1.058	1.106	1.147	1.285	1.434
PUBLIC RELATIONS	.828	.861	.898	.933	1.032	1.146
NEC WRITERS & ARTSTS	4.270	4.460	4.674	4.866	5.422	6.100
RELIGIOUS WORDERS	1.475	1.531	1.593	1.643	1.783	1.865
SOCIAL SCIENTISTS	1.593	1.645	1.708	1.765	1.942	2.145
SOC & REC WORKERS	3.217	3.317	3.418	3.508	3.788	4.018
POST-SEC TEACHERS	.552	.536	.549	.564	.753	.824
ACCOUNTANTS	6.506	6.742	6.999	7.224	7.898	8.646
AIRLINE TECHNICIANS	.483	.522	.554	.582	.651	.708
ARCHITECTS	.301	.314	.330	.346	.397	.464
FARM AND ENVIRONMENT	.298	.303	.307	.311	.331	.354
LAWYERS AND JUDGES	3.395	3.509	3.635	3.754	4.153	4.620
LIBRARIANS	.308	.310	.319	.328	.387	.418
BIO & PHYS SCIENTSTS	1.154	1.195	1.242	1.283	1.409	1.553
MATH SPECIALISTS	.471	.487	.505	.520	.571	.614
SYSTEMS ANALYSTS	1.016	1.051	1.086	1.110	1.164	1.228
LABOR RELATION WRKRS	3.302	3.428	3.579	3.719	4.114	4.616
NEC RSRCH WRKRS	.516	.533	.555	.577	.651	.730
NEC TECHNCS & ENGNRS	.919	.943	.965	.983	1.042	1.109
VOCATNL & ED CNSLRS	.359	.360	.369	.379	.445	.482

THE HARTFORD FS-53 CONTROL FORECAST.

EMPLOYMENT BY OCCUPATION
(CONTINUED)

	1983	1984	1985	1986	1990	1995
FINANCIAL MANAGERS	3.593	3.711	3.884	4.026	4.465	4.931
FARM PRODUCTS MANGRS	.130	.137	.142	.147	.155	.169
WHOLSL & RETL BUYERS	.819	.861	.895	.925	1.004	1.091
HEALTH ADMINISTRATRS	.898	.928	.974	1.021	1.178	1.360
INSPECTORS	1.394	1.418	1.431	1.445	1.497	1.547
NEC PUBLC ADMNSTRTRS	3.746	3.810	3.848	3.884	4.026	4.162
RAILROAD CONDUCTORS	.054	.056	.056	.056	.054	.053
RESTAURANT MANAGERS	3.028	3.131	3.226	3.330	3.609	4.068
SALES MANAGERS	3.694	3.866	4.024	4.156	4.536	4.903
COLLEGE ADMNSTRTRS	.053	.052	.053	.054	.073	.079
1-12 SCHOOL ADMINS	.260	.253	.259	.266	.355	.388
NEC ADMINISTRATORS	36.450	38.035	39.654	41.009	44.934	48.900
SALES & ADVERT AGNTS	.589	.620	.658	.694	.800	.942
INSURANCE AGENTS	18.570	19.182	19.969	20.585	22.921	24.461
REAL ESTATE AGENTS	1.380	1.509	1.579	1.623	1.724	1.881
STOCK & BOND BROKRS	.521	.533	.565	.593	.678	.782
NEC SALES WORKERS	20.743	21.788	22.671	23.429	25.589	27.760
INSURANCE ADJUSTERS	5.360	5.537	5.764	5.942	6.616	7.067
INFO PROCESS WRKRS	6.242	6.471	6.735	6.959	7.629	8.335
SECRETARIES	24.318	25.194	26.216	27.099	29.913	32.710
NEC CLERICL & KINDRD	71.304	73.926	76.743	79.153	86.678	94.285
ELECTRIC LINEMEN	.370	.379	.385	.390	.392	.402
ELECTRICIANS	2.706	2.797	2.891	2.959	3.125	3.319
TELEPHONE INSTALLERS	1.270	1.340	1.404	1.451	1.625	1.890
NEC CONSTRUCTION	13.067	13.504	14.017	14.416	15.621	16.912
FORGE- & HAMMER-MEN	.159	.166	.172	.177	.187	.192
FURNITURE FINISHERS	.070	.073	.075	.077	.082	.087
LOCOMOTIVE ENGINEERS	.095	.100	.101	.101	.099	.098
MACHINISTS	4.127	4.266	4.398	4.478	4.602	4.688
REPAIR & MECHANICS	15.626	16.298	16.945	17.473	18.753	20.206
PRINTING TRADES	1.831	1.915	1.996	2.065	2.299	2.522
SHEET METAL WORKERS	1.278	1.326	1.371	1.401	1.454	1.511
TOOL AND DIE MAKERS	1.569	1.623	1.675	1.708	1.767	1.797
NEC CRAFTSMEN	15.871	16.490	17.086	17.533	18.583	19.680
MACHINE OPERATIVES	3.557	3.674	3.789	3.861	3.989	4.034
TEXTILE OPERATIVES	.207	.217	.224	.228	.228	.233
NEC OPERATIVES	46.231	48.125	49.904	51.175	53.954	56.551
MASS TRANSIT WORKERS	1.035	1.083	1.125	1.153	1.264	1.361
RAILROAD BRAKEMEN	.160	.168	.170	.170	.168	.167
TRUCK DRIVERS	7.111	7.388	7.681	7.911	8.601	9.156
NEC TRANSIT OPER'S	5.011	5.241	5.451	5.621	6.055	6.502
CONSTRUCT LABORERS	2.763	2.846	2.966	3.064	3.414	3.758
OTHER LABORERS	15.511	16.139	16.707	17.182	18.485	19.814
CLEANING WORKERS	11.771	12.244	12.809	13.348	14.972	16.843
FOOD SERVICE WORKERS	19.909	20.601	21.264	21.979	24.006	27.001
HEALTH ASSTS	9.571	9.887	10.366	10.847	12.491	14.380
PERSONAL SERVICE	7.552	7.913	8.305	8.640	9.609	10.621
PRIV HH WORKERS	4.021	3.955	3.934	3.911	3.933	3.852
PROTCTV SRVC	18.615	19.056	19.417	19.764	20.823	22.118

THE HARTFORD FS-53 CONTROL FORECAST.

OCCUPATION WAGE RATE CHANGE

	1983	1984	1985	1986	1990	1995
AERONAUT. ENGINEERS	.06710	.06108	.07073	.06911	.04711	.04086
CHEMICAL ENGINEERS	.07195	.06672	.07769	.07734	.05797	.04786
CIVIL ENGINEERS	.07145	.06442	.07424	.07363	.05682	.04805
ELEC. ENGINEERS	.06925	.06358	.07396	.07317	.05460	.04635
IND. ENGINEERS	.06792	.06208	.07271	.07221	.05418	.04543
MECH. ENGINEERS	.06424	.05885	.06977	.06946	.05179	.04361
METAL & MTRLS ENGNRS	.06318	.05794	.06893	.06874	.05119	.04324
MINING-PETRO ENGNRS	.06600	.05896	.06875	.06846	.05290	.04562
SALES & NEC ENGNRS	.06853	.06260	.07327	.07297	.05548	.04680
COMPUTER PROGRAMMERS	.07491	.06786	.07801	.07729	.05868	.04921
COMPUTER ANALYSTS	.07345	.06665	.07694	.07635	.05793	.04886
CMPTR SPCLSTS & NEC	.07324	.06653	.07680	.07619	.05738	.04881
HEALTH TECHNOLOGISTS	.09087	.07975	.08788	.08608	.06549	.05478
NURSES, THERPSTS,...	.08979	.07892	.08714	.08541	.06507	.05440
PHYS. ,DENT.,...	.08771	.07770	.08615	.08454	.06435	.05362
AGRI BIO TECHNICIANS	.07505	.06780	.07705	.07583	.05706	.04648
CHEMICAL TECHNICIANS	.07403	.06872	.07975	.07945	.06001	.04900
DRAFTSMEN	.06759	.06193	.07281	.07266	.05542	.04689
ELECTRCL TECHNICIANS	.06871	.06296	.07337	.07265	.05449	.04606
INDUST ENGNR TECHNCS	.06472	.05932	.07003	.06950	.05116	.04299
MECH. ENG. TECH.	.06414	.05852	.06909	.06845	.04990	.04233
MATH TECHNICIANS	.06975	.06160	.07025	.06892	.05167	.04340
NEC TECHNICIANS	.07084	.06439	.07476	.07427	.05645	.04800
PRE K, K-6 TEACHERS	.06329	.05323	.06450	.06575	.06888	.04894
7-12 TEACHERS	.06646	.05718	.06820	.06904	.06651	.04918
EDITORS + REPORTERS	.07935	.07212	.08166	.08046	.06152	.05029
PUBLIC RELATIONS	.07877	.07119	.08081	.07981	.06036	.05056
NEC WRITERS & ARTSTS	.07787	.07093	.08103	.08033	.06097	.05140
RELIGIOUS WORDERS	.07325	.06667	.07686	.07616	.05760	.04533
SOCIAL SCIENTISTS	.07687	.06902	.07855	.07763	.05928	.04998
SOC & REC WORKERS	.07344	.06615	.07558	.07467	.05690	.04627
POST-SEC TEACHERS	.06291	.05269	.06398	.06528	.06929	.04903
ACCOUNTANTS	.07532	.06815	.07789	.07701	.05855	.04888
AIRLINE TECHNICIANS	.08005	.07601	.08617	.08520	.06230	.04900
ARCHITECTS	.08270	.07462	.08415	.08331	.06393	.05461
FARM AND ENVIRONMENT	.07156	.06323	.07182	.07050	.05418	.04611
LAWYERS AND JUDGES	.07757	.06968	.07888	.07786	.05977	.05029
LIBRARIANS	.06926	.06080	.07112	.07114	.06177	.04787
BIO & PHYS SCIENTSTS	.07568	.06836	.07810	.07728	.05886	.04946
MATH SPECIALISTS	.07746	.06945	.07882	.07745	.05898	.04747
SYSTEMS ANALYSTS	.06901	.06283	.07310	.07230	.05381	.04497
LABOR RELATION WRKRS	.07918	.07140	.08101	.08013	.06046	.05185
NEC RSRCH WRKRS	.07770	.06958	.07939	.07872	.06141	.05140
NEC TECHNCS & ENGNRS	.07120	.06391	.07307	.07201	.05464	.04596
VOCATNL & ED CNSLRS	.06925	.06046	.07047	.07041	.06150	.04796

THE HARTFORD FS-53 CONTROL FORECAST.

OCCUPATION WAGE RATE CHANGE
(CONTINUED)

	1983	1984	1985	1986	1990	1995
FINANCIAL MANAGERS	.07917	.07018	.07935	.07781	.05835	.04807
FARM PRODUCTS MANGRS	.07588	.06872	.07740	.07586	.05475	.04565
WHOLSL & RETL BUYERS	.07332	.06687	.07617	.07506	.05598	.04581
HEALTH ADMINISTRATRS	.08688	.07604	.08406	.08223	.06204	.05185
INSPECTORS	.06891	.06093	.06937	.06800	.05119	.04258
NEC PUBLC ADMNSTRTRS	.06889	.06094	.06939	.06803	.05123	.04262
RAILROAD CONDUCTORS	.05713	.05260	.06197	.06109	.04497	.03708
RESTAURANT MANAGERS	.07738	.06888	.07710	.07575	.05626	.04823
SALES MANAGERS	.07233	.06575	.07542	.07447	.05615	.04574
COLLEGE ADMNSTRTRS	.06444	.05468	.06497	.06534	.06257	.04633
1-12 SCHOOL ADMINS	.06401	.05412	.06468	.06532	.06442	.04699
NEC ADMINISTRATORS	.07258	.06576	.07556	.07468	.05647	.04644
SALES & ADVERT AGNTS	.08403	.07538	.08452	.08317	.06211	.05294
INSURANCE AGENTS	.07751	.06891	.07794	.07629	.05813	.04559
REAL ESTATE AGENTS	.07930	.07483	.08293	.07986	.05614	.04560
STOCK & BOND BROKRS	.09103	.07822	.08644	.08421	.06224	.05274
NEC SALES WORKERS	.07215	.06589	.07551	.07459	.05619	.04583
INSURANCE ADJUSTERS	.07750	.06889	.07792	.07628	.05812	.04566
INFO PROCESS WRKRS	.07439	.06672	.07619	.07511	.05672	.04698
SECRETARIES	.07503	.06718	.07654	.07542	.05724	.04708
NEC CLERICL & KINDRD	.07383	.06628	.07565	.07455	.05645	.04652
ELECTRIC LINEMEN	.07231	.06465	.07299	.07133	.05063	.04240
ELECTRICIANS	.06621	.06047	.07128	.07097	.05382	.04529
TELEPHONE INSTALLERS	.07674	.07098	.08103	.07955	.06114	.05232
NEC CONSTRUCTION	.06645	.06067	.07183	.07187	.05598	.04704
FORGE- & HAMMER-MEN	.05825	.05417	.06630	.06709	.05192	.04243
FURNITURE FINISHERS	.06849	.06247	.07271	.07199	.05395	.04494
LOCOMOTIVE ENGINEERS	.05446	.05123	.06128	.06079	.04494	.03716
MACHINISTS	.06026	.05546	.06689	.06698	.05039	.04162
REPAIR & MECHANICS	.07085	.06513	.07562	.07514	.05642	.04702
PRINTING TRADES	.07718	.07047	.08015	.07901	.06066	.04842
SHEET METAL WORKERS	.06286	.05794	.06921	.06915	.05181	.04336
TOOL AND DIE MAKERS	.05861	.05407	.06584	.06623	.05052	.04149
NEC CRAFTSMEN	.06687	.06149	.07234	.07207	.05446	.04525
MACHINE OPERATIVES	.05989	.05441	.06546	.06549	.04980	.04085
TEXTILE OPERATIVES	.06005	.05519	.06613	.06599	.04791	.04041
NEC OPERATIVES	.06489	.05921	.06984	.06950	.05244	.04330
MASS TRANSIT WORKERS	.07443	.06740	.07660	.07481	.05663	.04525
RAILROAD BRAKEMEN	.05778	.05334	.06312	.06245	.04630	.03835
TRUCK DRIVERS	.06870	.06225	.07252	.07197	.05509	.04482
NEC TRANSIT OPER'S	.07069	.06437	.07425	.07344	.05504	.04525
CONSTRUCT LABORERS	.06569	.05917	.07014	.07027	.05585	.04663
OTHER LABORERS	.06983	.06330	.07305	.07229	.05459	.04510
CLEANING WORKERS	.07765	.06955	.07883	.07783	.05893	.04956
FOOD SERVICE WORKERS	.07755	.06907	.07740	.07608	.05681	.04832
HEALTH ASSTS	.08629	.07558	.08366	.08188	.06185	.05169
PERSONAL SERVICE	.07663	.06931	.07889	.07775	.05833	.04793
PRIV HH WORKERS	.06104	.05238	.06146	.06062	.04684	.03859
PROTCTV SRVC	.07068	.06283	.07153	.07033	.05300	.04469

Appendix D

CONNECTICUT RIVER SHIPPER STUDY
QUALIPCATION SURVEY FORM

5013 .1
12/04/84

Interviewers Initials _____ Sequ. Number _____

CONNECTICUT RIVER SHIPPER STUDY
(QUALIFICATION SURVEY)

Hello. May I please speak to _____

(WHEN YOU HAVE THEM)

Hello. My name is _____ _____ and I'm calling from Bucher and Cope in Amherst. We are a research firm doing a study on behalf of the Army Corps of Engineers, New England Division. We're conducting a survey of organizations that use containers for international transportation or ship or receive large volumes of bulk commodities. I would like to ask you a few questions about your transportation needs.

Name: _____ Company: _____

Title: _____

Town, State, _____ Phone: ( ) _____

Callbacks . . . 1 Best Times: _____

2 _____

3 _____

4 _____

If No Name,
Go for Preferred Titles:

- o Traffic Manager
- o Distribution Manager
- o Transportation Manager
- o Purchasing Manager
- o Chief Operating Officer

Find the person who makes transportation decisions

---

1. First, just to make sure that I'm speaking to the correct person, can you tell me if you are responsible for transportation at your company?

   Yes ____ (Go to 3) No ____

2. Whom should I talk to: Name _____

   Title _____

   Telephone number ( ) _____

012285/ACE-CONNRIV.1/Quest.2/meo

3. Do you ship or receive commodities in volumes of truckload size or greater? Y _____ N _____

If yes for shipped or received, ASK:

4./5. What commodities do you handle? (Use list to prompt if necessary)	4. Ship Yes	4. Ship No	4. Ship DK	5. Receive Yes	5. Receive No	5. Receive DK	6. How many tons were moved last year? Outbound	6. Inbound	7. What is the primary city or foreign country? Destination	7. Origin	8. What mode of transportation do you now use? Truck	Rail	Pipeline	9. Do you expect the amount of freight to change in next next 5 years? More	Less	Same
Containerized cargo	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Petroleum products in bulk	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Chemicals in bulk	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Coal	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Ores or minerals	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Grain	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Lumber	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Sand and Gravel	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Cement	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Iron and Steel	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Scrap Metal	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Waste Materials	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Other (specify) _____	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Other (specify) _____	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Other (specify) _____	Y	N	DK	Y	N	DK					T	R	P	M	L	S
Other (specify) _____	Y	N	DK	Y	N	DK					T	R	P	M	L	S

IF NO TO ALL, GO TO 14

10. Do you think that any of these commodities could move on the Connecticut River by barge if the river were extended for navigation between Hartford and Holyoke?

11. Why?

12. The Army Corps of Engineers would like to follow-up on this interview with a brief written questionnaire. Should we direct the questionnaire to you or someone else in your organization?

Name _____ Company _____

Title _____ Street _____

Telephone ( ) _____ City, State _____

Zip _____

13. Can you tell me the names of businesses or other organizations that could use the Connecticut River for transportation?

Company	Location	Person to Contact	Phone Number

14. THANK YOU VERY MUCH!

Interviewer: _____ Date: _____

Appendix E

CONNECTICUT RIVER SHIPPER SURVEY
TONNAGE AND RATE SURVEY FORM

Bucher & Cope

4 March 1985
OMB Approval #0702-0016

The U.S. Army Corps of Engineers, New England Division, is currently studying the economic feasibility of extending navigation on the Connecticut River, from Long Island Sound beyond its current terminus at Hartford, Connecticut, to Holyoke, Massachusetts.

In assisting the Corps to determine the potential benefits of the proposed project we are requesting information about your organization's freight transportation needs.

We are particularly interested in commodities which could benefit from barge transportation, such as liquid bulk, dry bulk, and neobulk commodities, as well as potential container shipments via a barge feeder service on the Connecticut River to and from an ocean port such as New York or Boston.

Enclosed is a questionnaire that we ask you to fill out and return within one week of receipt. We will contact you within several days to follow up on this request. If you have any questions about the form, please call Jim Cope or Susan Goldstein at (413) 253-9501, or Richard Ring at the Army Corps of Engineers (617) 647-8643.

I would like to assure you that your response is voluntary, and the information will be treated as proprietary. The Corps of Engineers' published report, which will be provided to you, will display aggregated information in a manner that will provide confidentiality to all respondents of this questionnaire.

In advance, we thank you for your cooperation in this important project.

Sincerely,

James P. Cope
Project Director

JPC/slt
4-Corps.ltr

26 South Prospect Street, Amherst, Massachusetts 01002 • (413) 253-2464
The Washington Design Center, Suite 300, 1536 16th Street NW, Washington, DC 20036 • (202) 387-0061

CONNECTICUT RIVER SHIPPER STUDY

(Tonnage and Rate Data)

Name of Respondent: _____

Title: _____

Name of Firm: _____

Address: _____

Telephone Number: _____

This questionnaire deals with domestic and international freight shipments of full truckload/container or larger volumes arriving at or leaving from your facility. Specifically, we would like to know about:

- o Recent (1984) freight shipments and costs
- o Expected (1985-1990) freight shipment alternatives and costs.

1. Shipment Data - fill out a column for each major commodity group shipped or received between each origin/destination pair. For example, if you ship similar paper products from Holyoke to Boston and Philadelphia, fill out two columns. If you also ship lumber to Boston, fill out a third column. If you receive chemicals from St. Louis, fill out a fourth column.

	1	2	3	4	5	6
a. Commodity name						
b. Origin city (local) or region (distant)						
c. Destination city (local) or region (distant)						
d. 1984 tonnage						
e. 1985 expected tonnage						
f. 19[illegible] expected tonnage						

2. Existing Transportation Services - If part of any movement is shipped or received by another mode, fill out an additional column.

	1	2	3	4	5	6
a. What transportation mode delivers or picks this up at your facility?						
b. Where does the cargo change modes?						
c. What other mode is used during the shipment?						
d. Who controls the routing?						
e. What is the through freight rate charged ($ per ton)?						
f. Who pays the freight?						

3. <u>Other Shipment Data</u> - Complete for each column above.

	1	2	3	4	5	6
a. How frequent are shipments?						
b. What is the average lot size in tons?						
c. Are containers used?						
d. If the shipment is overseas, what seaport is used?						

4. <u>Barge Service</u> - Complete for each column above.

	1	2	3	4	5	6
a. If barge service were available to Holyoke, could you use it for this shipment?						
b. What would be the maximum through rate you would pay ($ per ton)?						

2. What advantages would river transportation provide to you?

3. Are their any constraints that would prevent your using a barge service on the Connecticut River?

4. If you did use a barge service, how would your delivery, pickup, storage, and handling costs change?

5. How much will they change?

6. Please add any additional information that you think can assist our study.

Thank you for your assistance.

Appendix F

LIST OF REGIONAL PLANNER INTERVIEWS

Appendix F

INTERVIEWS WITH REGIONAL PLANNERS

Agency	Interview
Springfield Community Development Department	Jack Benoit Christopher Moskal, Economic Development Planner
Chicopee Community Development	Tom Haberland
East Longmeadow	Dino Spalbi, Deputy Town Engineer
Springfield Economic Development Corporation	Maureen Kelliher
Springfield Central	Carlo Marchetti
Greater Springfield Champer of Commerce	Doris Ransford
Greater Springfield Chamber of Commerce	John Williamson, Economic Development Director
Hartford Economic Development Corporation	Mike Ryland, Deputy Director
Connecticut Department of Environmental Protection Water Resources Unit	Ben Warner, Researcher Nico Simon, Researcher
Greater Hartford Chamber of Commerce	Bob Sadler
Capitol Region Council of Governments	Mary Ellen Kovaleski Dena Hansen
Connecticut Economic Development Agency	Mark Feinberg
Connecticut Department of Transportation/Bureau of Waterways	Dave Rossiter
Connecticut Petroleum Council	Jack O'Brien
Dow and Condon Realtors	John Gunning
Windham Regional Planning Agency	Margaret Hemphill
Hartford City Planning Department	Ed Meehan
North Meadows Business and Industrial Development Project	William Franbach, Project Supervisor
Riverfront Recapture, Inc.	Denise Napler
Guiberland Resources-Griffin Center	Sharon Furness
East Granby CT.	Hazel Wood

(continued)

Appendix F (continued)

INTERVIEWS WITH REGIONAL PLANNERS

Agency	Interview
Holyoke Water Power Company	John Hickey
Holyoke Resource Recovery	Joe Partica
Holyoke Chamber of Commerce	Tom McColgan
Holoyke Industrial Development Corporation	Bob Bateman
Greenfield Town	John Ryan, Director Planning
Franklin County	Wayne Melville, Executive Administrator
Franklin County	Jerry Joseph
Western Massachusetts Development Corporation	Don Binns Sam Sesskind Jaymie Cherroff
Congressman Boland's Office	Tom Foley
Pioneer Valley Planning Commission	Tim Brenan
Westover Metropolitan Development Corporation	Allen Blair
Northampton	Penny Kim, Coordinator
Agawam	Deborah Dachos, Town Planner
West Springfield	Robert Spaulding, Town Planner
Massachusetts Department of Commerce and Development	Peter Lappin