

Upper Mississippi River - Illinois Waterway (UMR-IWW) System Navigation Study

Waterway Traffic Forecasts for the Upper Mississippi River Basin

Exhibit 15

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Exhibit 15
Gross State Product: Iowa

INDUSTRY	1980	1982	1984	1986	1988	1990	1992	2000	2005	2010	2015	2025	2045
(Millions of 1987 Dollars)													
All-Industry Total	45,186	43,103	43,440	43,765	45,040	48,594	50,456	58,920	63,934	68,621	72,761	80,139	102,929
Farm	3,077	3,391	3,042	3,723	2,268	3,636	3,694	3,390	3,761	4,080	4,326	4,699	5,773
Mining	94	66	97	86	90	92	104	121	130	139	148	163	208
Construction	2,124	1,507	1,478	1,369	1,393	1,592	1,786	2,000	2,080	2,158	2,216	2,316	2,803
Stone, Clay, Glass	286	174	207	241	291	348	386	428	450	474	498	548	717
Primary Metals	300	289	317	446	382	389	420	497	514	531	546	577	713
Fabricated Metals	677	592	533	546	678	713	562	647	673	701	730	789	1007
Paper and Allied Products	151	167	167	231	232	230	281	367	406	445	482	554	754
Chemicals	842	819	756	832	835	875	932	998	1,047	1,100	1,153	1,258	1,606
Petroleum Products	7	10	11	8	6	9	8	7	6	6	6	6	7
Other Manufacturing	7,897	6,868	7,036	6,758	8,451	9,204	9,296	11,972	13,105	14,150	15,105	16,848	22,021
Railroad transportation	309	261	310	310	376	365	394	543	622	694	757	862	1,123
Trucking and Warehousing	1,021	862	972	891	936	1,059	1,173	1,419	1,547	1,672	1,783	1,985	2,595
Water transportation	7	9	9	10	11	11	13	17	18	19	20	21	26
Pipelines	44	45	42	38	41	36	31	29	29	28	28	29	35
Trade, F.I.R.E., Services	20,579	20,424	20,738	20,475	20,639	21,354	22,649	26,819	29,248	31,522	33,515	37,029	47,712
Government	5,178	5,124	4,971	5,057	5,141	5,480	5,414	5,611	5,792	5,971	6,134	6,449	7,836
Other	2,594	2,497	2,755	2,742	3,272	3,204	3,314	4,056	4,506	4,933	5,316	6,008	7,995
(Percent of Total GSP)													
Farm	6.81%	7.87%	7.00%	8.51%	5.04%	7.48%	7.32%	5.75%	5.88%	5.95%	5.95%	5.86%	5.61%
Mining	0.21%	0.15%	0.22%	0.20%	0.20%	0.19%	0.21%	0.21%	0.20%	0.20%	0.20%	0.20%	0.20%
Construction	4.70%	3.50%	3.40%	3.13%	3.09%	3.28%	3.54%	3.39%	3.25%	3.14%	3.04%	2.89%	2.72%
Stone, Clay, Glass	0.63%	0.40%	0.48%	0.55%	0.65%	0.72%	0.76%	0.73%	0.70%	0.69%	0.68%	0.68%	0.70%
Primary Metals	0.66%	0.67%	0.73%	1.02%	0.85%	0.80%	0.83%	0.84%	0.80%	0.77%	0.75%	0.72%	0.69%
Fabricated Metals	1.50%	1.37%	1.23%	1.25%	1.50%	1.47%	1.11%	1.10%	1.05%	1.02%	1.00%	0.98%	0.98%
Paper and Allied Products	0.33%	0.39%	0.38%	0.53%	0.51%	0.47%	0.56%	0.62%	0.63%	0.65%	0.66%	0.69%	0.73%
Chemicals	1.86%	1.90%	1.74%	1.90%	1.85%	1.80%	1.85%	1.69%	1.64%	1.60%	1.58%	1.57%	1.56%
Petroleum Products	0.01%	0.02%	0.02%	0.02%	0.01%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Other Manufacturing	17.48%	15.93%	16.20%	15.44%	18.76%	18.94%	18.42%	20.32%	20.50%	20.62%	20.76%	21.02%	21.39%
Railroad transportation	0.68%	0.60%	0.71%	0.71%	0.83%	0.75%	0.78%	0.92%	0.97%	1.01%	1.04%	1.08%	1.09%
Trucking and Warehousing	2.26%	2.00%	2.24%	2.04%	2.08%	2.18%	2.33%	2.41%	2.42%	2.44%	2.45%	2.48%	2.52%
Water transportation	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
Pipelines	0.10%	0.10%	0.10%	0.09%	0.09%	0.07%	0.06%	0.05%	0.04%	0.04%	0.04%	0.04%	0.03%
Trade, F.I.R.E., Services	45.54%	47.38%	47.74%	46.79%	45.82%	43.94%	44.89%	45.52%	45.75%	45.94%	46.06%	46.21%	46.35%
Government	11.46%	11.89%	11.44%	11.56%	11.41%	11.28%	10.73%	9.52%	9.06%	8.70%	8.43%	8.05%	7.61%
Other	5.74%	5.79%	6.34%	6.27%	7.26%	6.59%	6.57%	6.88%	7.05%	7.19%	7.31%	7.50%	7.77%

Source: BEA Regional Projections to 2045, 1995

http://www.mvr.usace.army.mil/pdw/nav_study/econ_reports/watfor/ex15.htm

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End of Exhibit 15 - Waterway Traffic Forecasts

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