

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

Waterway Traffic Forecasts for the Upper Mississippi River Basin

Exhibit 13

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Exhibit 13
Gross State Product: Study Area

INDUSTRY	1980	1982	1984	1986	1988	1990	1992	2000	2005	2010	2015	2025	2045
(Millions of 1987 Dollars)													
All-Industry Total	456,484	445,470	485,001	508,893	537,825	557,916	576,595	688,248	753,081	814,356	869,970	969,970	1,263,919
Farm	11,885	13,447	11,571	13,798	9,069	13,524	13,916	13,451	15,075	16,436	17,468	18,974	23,195
Mining	2,219	2,173	2,564	2,607	2,720	3,033	3,176	3,593	3,975	4,297	4,601	5,058	6,167
Construction	21,246	16,990	19,780	21,643	22,178	23,061	23,529	25,936	27,064	28,159	29,032	30,569	37,292
Stone, Clay, Glass	2,660	1,912	2,552	2,539	2,549	2,608	2,728	2,985	3,094	3,219	3,349	3,626	4,647
Primary Metals	5,755	4,149	4,507	4,787	4,012	3,963	4,129	4,804	4,848	4,914	4,996	5,212	6,403
Fabricated Metals	9,559	8,336	9,954	10,354	11,396	10,941	10,701	11,866	12,173	12,539	12,925	13,770	17,262
Paper and Allied Products	6,201	6,897	6,939	7,904	7,986	8,636	9,180	11,343	12,452	13,567	14,647	16,723	22,636
Chemicals	6,671	7,752	7,621	8,607	9,273	10,016	10,336	11,891	12,862	13,830	14,769	16,579	22,004
Petroleum Products	1,353	1,209	1,603	1,374	2,346	1,728	1,758	1,903	2,047	2,188	2,322	2,585	3,421
Other Manufacturing	70,749	65,823	73,059	73,513	86,590	88,152	87,292	111,315	121,651	131,199	139,905	155,691	202,720
Railroad transportation	3,379	2,836	3,477	3,401	3,732	3,963	4,376	5,992	6,799	7,521	8,147	9,183	11,828
Trucking and Warehousing	7,978	7,006	8,623	8,771	9,273	10,113	11,275	13,367	14,589	15,790	16,859	18,813	24,711
Water transportation	428	418	482	407	395	334	296	306	305	308	311	322	386
Pipelines	357	388	374	332	408	347	398	452	457	464	472	492	596
Trade, F.I.R.E., Services	224,086	224,842	246,489	260,825	271,251	280,119	291,091	351,646	388,539	423,401	454,960	511,218	671,393
Government	50,582	50,609	50,403	51,749	51,928	54,751	55,857	59,765	62,641	65,436	68,057	72,974	90,639
Other	31,377	30,685	35,003	36,285	42,721	42,628	46,559	57,635	64,509	71,090	77,152	88,182	118,620
Percent of Total GSP in the Study Area													
Farm	2.60%	3.02%	2.39%	2.71%	1.69%	2.42%	2.41%	1.95%	2.00%	2.02%	2.01%	1.96%	1.84%
Mining	0.49%	0.49%	0.53%	0.51%	0.51%	0.54%	0.55%	0.52%	0.53%	0.53%	0.53%	0.52%	0.49%
Construction	4.65%	3.81%	4.08%	4.25%	4.12%	4.13%	4.08%	3.77%	3.59%	3.46%	3.34%	3.15%	2.95%
Stone, Clay, Glass	0.58%	0.43%	0.53%	0.50%	0.47%	0.47%	0.47%	0.43%	0.41%	0.40%	0.38%	0.37%	0.37%
Primary Metals	1.26%	0.93%	0.93%	0.94%	0.75%	0.71%	0.72%	0.70%	0.64%	0.60%	0.57%	0.54%	0.51%
Fabricated Metals	2.09%	1.87%	2.05%	2.03%	2.12%	1.96%	1.86%	1.72%	1.62%	1.54%	1.49%	1.42%	1.37%
Paper and Allied Products	1.36%	1.55%	1.43%	1.55%	1.48%	1.55%	1.59%	1.65%	1.65%	1.67%	1.68%	1.72%	1.79%
Chemicals	1.46%	1.74%	1.57%	1.69%	1.72%	1.80%	1.79%	1.73%	1.71%	1.70%	1.70%	1.71%	1.74%
Petroleum Products	0.30%	0.27%	0.33%	0.27%	0.44%	0.31%	0.30%	0.28%	0.27%	0.27%	0.27%	0.27%	0.27%
Other Manufacturing	15.50%	14.78%	15.06%	14.45%	16.10%	15.80%	15.14%	16.17%	16.15%	16.11%	16.08%	16.05%	16.04%
Railroad transportation	0.74%	0.64%	0.72%	0.67%	0.69%	0.71%	0.76%	0.87%	0.90%	0.92%	0.94%	0.95%	0.94%
Trucking and Warehousing	1.75%	1.57%	1.78%	1.72%	1.72%	1.81%	1.96%	1.94%	1.94%	1.94%	1.94%	1.94%	1.96%
Water transportation	0.09%	0.09%	0.10%	0.08%	0.07%	0.06%	0.05%	0.04%	0.04%	0.04%	0.04%	0.03%	0.03%
Pipelines	0.08%	0.09%	0.08%	0.07%	0.08%	0.06%	0.07%	0.07%	0.06%	0.06%	0.05%	0.05%	0.05%
Trade, F.I.R.E., Services	49.09%	50.47%	50.82%	51.25%	50.43%	50.21%	50.48%	51.09%	51.59%	51.99%	52.30%	52.70%	53.12%
Government	11.08%	11.36%	10.39%	10.17%	9.66%	9.81%	9.69%	8.68%	8.32%	8.04%	7.82%	7.52%	7.17%
Other	6.87%	6.89%	7.22%	7.13%	7.94%	7.64%	8.07%	8.37%	8.57%	8.73%	8.87%	9.09%	9.39%

Source: BEA Regional Projections to 2045, 1995

http://www.mvr.usace.army.mil/pdw/nav_study/econ_reports/watfor/ex13.htm

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End of Exhibit 13 - Waterway Traffic Forecasts

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