

HIGHLIGHTS OF TRANSPORTATION IN WISCONSIN

Roads — As of January 1, 2001, there were 111,905 miles of roads in Wisconsin. The total included 11,752 miles of state trunk highways, 19,668 miles of county trunk highways, and 78,730 miles of local roads. Almost 79% (88,207 miles) of Wisconsin's road system is surfaced at bituminous grade or higher, with the remaining 21% being gravel or soil-surfaced, graded and drained, or unimproved.

Motor Vehicles and Drivers — Over the decades, the total number of motor vehicle registrations has increased from 819,718 in 1930 to 4,703,294 in 2000. Of 3,733,077 drivers licensed in 1999, the majority were between ages 25 and 54: 686,667 (18.4%) were 25-34 years old; 832,667 (22.3%) were 35-44 years old; and 689,716 (18.5%) were 45-54 years old.

In 1999, a total of 130,950 single- or multi-vehicle traffic crashes were reported with 674 fatalities and 41,345 injuries. A total of 495 drivers were killed that year. Of these, 439 were tested for blood alcohol content (BAC), and 159 (32.1%) of them had a BAC of 0.10% or above, the level at which a person is considered legally intoxicated. Vehicle miles traveled in 1999 totaled 57 billion; the fatality rate for that year was 1.31 per 100 million vehicle miles, and the fatal crash rate was 1.18.

Mass Transit — As of May 2001, there were 26 urban bus systems operating in Wisconsin (24 publicly owned and 2 privately owned). There were 10 rural/intercity systems (7 publicly owned and 3 privately owned). The majority of the publicly owned systems were established in the mid- to late-1970s; only 3 date back to the 1950s. In 43 municipalities, shared-ride taxi service was available.

Statewide urban bus systems showed a marked increase in usage in 2000 with 56.9 million revenue miles traveled and operating revenues of \$66.1 million, but annual total of revenue passengers has remained below 80 million annually since 1984, compared to 289 million in 1950.

Air Carriers — In 2000, there were 727 airports operating in Wisconsin. Of these, 98 were publicly owned and 464 privately owned. The remaining 165 specialized facilities included heliports (131), seaplane bases (27), and military/police fields (7). In 2000, certificated air carriers carried 4,659,187 passengers.

Railroads — Since 1920 the number of railroads operating in Wisconsin has decreased from 35 to 12. Over the same period, railroad road mileage declined by 53% to 3,548 miles. While rail freight traffic rose from 9.1 billion ton-miles in 1920 to 27 billion ton-miles in 1997, it dropped in 2000 to 21.3 billion. Rail passenger traffic dropped drastically from 20.2 million passengers in 1920 to 146,000 in 1994. More recent passenger data are not available.

Harbors — In 1999, Wisconsin reported 12 active lake harbors on Lake Michigan and Lake Superior, which handled 48.3 million short tons of commodities. The Duluth-Superior harbor reported the greatest amount of commerce at 42.3 million tons.

The following tables present selected data. Consult footnoted sources for more detailed information about transportation.

HIGHWAY MILEAGE, BY COUNTY AND SYSTEM

January 1, 2001

County	Total (All Systems)	State Trunk System	County Trunk System	Local Roads (City, Village, Town)	Other Roads (Parks, Forests)
Adams	1,428.11	91.53	223.82	1,112.76	—
Ashland	1,092.72	120.00	96.09	867.33	9.30
Barron	1,972.14	141.89	290.84	1,539.41	—
Bayfield	2,112.74	155.20	172.91	1,778.60	6.03
Brown	2,159.50	182.95	350.90	1,623.15	2.50
Buffalo	1,041.86	148.91	318.07	574.88	—
Burnett	1,555.84	106.39	217.14	1,200.90	31.41
Calumet	821.75	100.75	128.08	592.72	0.20
Chippewa	2,067.67	206.81	467.57	1,360.58	32.71
Clark	2,175.34	156.81	300.87	1,672.97	44.69
Columbia	1,716.33	278.50	357.42	1,080.41	—
Crawford	1,068.91	179.90	132.86	756.15	—
Dane	3,828.32	399.43	542.66	2,886.23	—
Dodge	2,019.37	240.21	541.48	1,237.22	0.46
Door	1,251.34	101.84	279.60	869.9	—
Douglas	2,114.49	161.31	332.64	1,504.40	116.14
Dunn	1,724.87	204.31	421.77	1,098.79	—
Eau Claire	1,535.18	147.13	419.14	950.00	18.91
Florence	519.10	66.87	49.18	378.00	25.05
Fond du Lac	1,728.05	226.90	354.59	1,146.57	0.19
Grant	1,344.99	155.99	109.00	769.47	310.53
Green	2,093.44	257.04	310.39	1,525.91	0.10
Green Lake	1,238.54	122.02	278.76	837.76	—
Iowa	698.56	69.98	228.86	399.72	—
Iron	1,295.68	166.61	355.21	771.75	2.11
Jackson	773.50	113.52	66.56	545.85	47.57
Jackson	1,458.84	186.01	231.23	1,030.02	11.58
Jefferson	1,375.53	176.23	259.91	938.55	0.84
Juneau	1,498.61	191.87	233.68	1,067.47	5.59
Kenosha	1,021.44	116.84	262.41	636.47	5.72
Kewaunee	813.91	61.15	210.98	538.10	3.68
La Crosse	1,137.86	156.89	285.33	695.64	—
Lafayette	1,142.20	126.31	267.79	747.44	0.66
Langlade	1,180.29	145.02	271.00	718.00	46.27
Lincoln	1,285.55	154.81	261.58	841.91	27.25
Manitowoc	1,638.61	152.78	287.59	1,196.14	2.10
Marathon	3,277.61	275.99	612.09	2,383.05	6.48
Marquette	2,315.73	153.13	313.50	1,624.94	224.16
Marquette	854.38	86.62	237.33	530.43	—
Menominee	424.74	40.68	36.51	79.05	268.50
Milwaukee	2,974.62	252.13	85.93	2,559.68	76.88
Monroe	1,617.28	238.19	343.13	1,034.54	1.42
Oconto	2,071.32	142.42	312.65	1,488.89	127.36
Oneida	1,690.06	159.76	172.30	1,321.23	36.77
Ooutagamie	1,869.13	195.46	346.99	1,326.68	—
Ozaukee	883.59	80.00	151.43	651.37	0.79
Pepin	458.43	47.01	154.80	256.62	—
Pierce	1,267.56	166.09	245.41	854.34	1.72
Polk	1,940.49	158.97	332.18	1,441.73	7.61
Portage	1,850.10	154.63	441.33	1,254.14	—
Price	1,433.98	154.87	218.14	1,043.93	17.04
Racine	1,251.55	159.23	150.03	930.73	11.56
Richland	1,126.02	150.19	297.43	678.40	—
Rock	1,992.27	244.68	222.54	1,524.67	0.38
Rusk	1,234.28	115.76	245.36	852.36	20.80
St. Croix	1,742.85	199.60	336.52	1,197.72	9.01
Sauk	1,781.26	221.40	300.53	1,256.80	2.53
Sawyer	1,494.57	161.67	232.53	1,092.77	7.60
Shawano	1,710.52	183.29	293.77	1,233.46	—
Sheboygan	1,518.42	166.50	450.99	900.39	0.54
Taylor	1,450.60	111.37	242.61	1,074.20	22.42
Trempealeau	1,332.76	176.54	292.50	863.72	—
Vernon	1,636.96	214.57	285.55	1,136.84	—
Vilas	1,523.22	133.26	204.21	1,124.17	61.58
Walworth	1,474.89	214.93	200.15	1,059.81	—
Washington	1,396.24	136.79	199.23	972.28	87.94
Washington	1,419.04	188.35	195.85	1,034.84	—
Waukesha	2,816.12	234.03	389.77	2,190.75	1.57
Waupaca	1,614.93	179.89	345.67	1,089.08	0.29
Waushara	1,325.40	132.32	333.51	859.57	—
Winnebago	1,458.14	170.99	202.05	1,084.45	0.65
Wood	1,744.82	180.33	325.71	1,230.56	8.22
STATE	111,905.06	11,752.35	19,668.14	78,729.16	1,755.41

Source: Wisconsin Department of Transportation, Division of Transportation Investment Management, departmental data, April 2001.

WISCONSIN ROAD MILEAGE, BY SYSTEM AND SURFACE TYPE
January 1, 2001

Type of Road System	Type of Road System		Surface Type	
	Miles	Percent	Miles	Percent
State trunk	11,752	10.5%	Bituminous or higher	88,207 78.8%
County trunk	19,668	17.6	Gravel or soil-surfaced	19,868 17.8
City streets	12,570	11.2	Graded and drained	3,648 3.2
Village streets	4,283	3.8	Unimproved	181 0.2
Town roads	61,877	55.3	TOTAL	111,905 100.0%
Park, forest and other roads	1,755	1.6		
TOTAL	111,905	100.0%		

Source: Wisconsin Department of Transportation, Division of Transportation Investment Management, departmental data, May 2001.

MOTOR VEHICLES IN WISCONSIN, BY TYPE
1930 – 2000

Fiscal Year (ending June 30)	Total	Autos	Trucks*	Trailers, Semitrailers	Motor Homes	Buses	Motor- cycles	Mopeds
1930	819,718	700,251	115,883	—	—	554	3,030	—
1935	722,797	597,197	116,912	5,634	—	498	2,556	—
1940	874,652	741,583	123,742	5,144	—	675	3,508	—
1945	828,425	676,978	139,591	6,484	—	1,489	3,883	—
1950	1,157,221	921,194	209,083	14,124	—	2,465	10,355	—
1955	1,369,636	1,108,084	227,367	21,643	—	3,337	9,205	—
1960	1,598,693	1,303,679	246,353	31,502	—	5,184	11,975	—
1965	1,867,223	1,517,397	269,771	44,017	—	7,218	28,820	—
1970	2,205,662	1,762,681	317,096	64,065	—	8,178	53,642	—
1975	2,737,164	2,096,694	425,854	91,609	—	11,897	111,110	—
1980	3,417,748	2,509,904	558,840	102,256	17,071	13,775	205,786	10,116
1985	3,372,029	2,310,024	765,852	72,289	17,195	10,325	176,023	20,321
1990	3,834,608	2,456,175	1,045,583	123,061	21,095	15,081	149,268	24,345
1991	3,944,781	2,468,919	1,108,085	126,961	21,202	15,891	175,035	28,688
1992	4,000,805	2,475,212	1,169,795	153,264	21,553	16,550	141,809	22,622
1993	4,084,117	2,448,075	1,238,360	168,990	21,649	17,220	164,317	25,506
1994	4,118,166	2,431,207	1,305,248	186,171	22,281	14,838	138,154	20,267
1995	4,285,753	2,464,358	1,391,374	207,042	22,554	15,593	161,762	23,070
1996	4,257,591	2,436,947	1,456,402	170,472	22,429	16,128	136,784	18,429
1997	4,339,088	2,370,453	1,529,460	178,561	22,569	12,497	161,500	21,104
1998	4,513,250	2,402,019	1,659,395	192,671	24,326	17,061	151,384	18,278
1999	4,605,088	2,396,072	1,726,910	202,966	24,056	14,646	171,833	20,300
2000	4,703,294	2,405,408	1,813,385	214,344	24,427	15,587	160,920	17,977

*"Trucks" includes minivans and sport utility vehicles.

Sources: Wisconsin Secretary of State, *Biennial Report – 1928-30*; Wisconsin Highway Commission, *Biennial Reports – 1933-35, 1938-40*; Wisconsin Motor Vehicle Department, *Wisconsin Motor Vehicle Registrations – Fiscal Years 1944-45 through 1964-65*; Wisconsin Department of Transportation, *Wisconsin Motor Vehicle Registrations – Fiscal Year 1979-80, 1980*, and previous issues, and *Wisconsin Transportation Facts* (periodical); departmental data, May 2001.

WISCONSIN MOTOR VEHICLE CRASHES
Statistical Summary, 1989 – 1999

Year	Total Licensed Drivers	Crashes ¹		Persons Killed	Persons Injured	Miles Traveled (in millions)	Fatality Rate ²	Fatal Crash Rate	
		Total	Fatal						
1989	3,357,339	142,782	714	42,673	817	62,108	43,087	1.90	1.66
1990	3,394,203	142,956	672	42,395	763	62,529	44,276	1.72	1.52
1991	3,473,236	138,733	675	40,916	795	60,055	45,456	1.75	1.48
1992	3,481,421	137,822	579	40,792	645	60,142	47,495	1.36	1.22
1993	3,502,347	142,285	616	41,216	703	60,902	48,805	1.44	1.26
1994	3,554,003	148,325	616	43,775	706	66,403	50,273	1.40	1.23
1995	3,601,619	148,864	656	43,845	739	66,232	51,395	1.44	1.28
1996	3,723,685	136,698	656	43,773	759	66,048	52,639	1.44	1.25
1997	3,672,469	129,954	631	41,962	721	63,166	53,729	1.34	1.17
1998	3,709,957	125,831	628	41,594	709	62,236	56,048	1.26	1.12
1999	3,733,077	130,950	674	41,345	744	61,577	56,960	1.31	1.18

¹A motor vehicle crash is defined as an event caused by a single variable or chain of variables. Property damage threshold for a reportable crash was raised from \$500 to \$1,000, effective January 1, 1996.

²Per 100-million vehicle miles traveled.

Source: Wisconsin Department of Transportation, *1999 Wisconsin Traffic Crash Facts*, September 2000.

Fatal Crashes on the Wisconsin Interstate System, 1989 – 1999

Year	Total		Urban		Rural	
	Crashes	Killed	Crashes	Killed	Crashes	Killed
1989	33	41	11	11	22	30
1990	29	35	7	9	22	26
1991	32	34	3	3	29	31
1992	28	34	7	7	21	27
1993	38	45	13	16	25	29
1994	30	42	8	13	22	29
1995	24	28	5	6	19	22
1996	37	40	8	8	29	32
1997	32	39	6	6	26	33
1998	35	41	13	14	22	27
1999	41	NA	NA	NA	NA	NA

NA – Not available.

Source: Wisconsin Department of Transportation, *1999 Wisconsin Crash Facts*, September 2000.

Drivers in Fatal Crashes – Age and BAC of Drivers Killed, 1999

Age of Drivers	All Drivers	Drivers Killed	Tests of Drivers Killed			Blood Alcohol Concentration (BAC)		
			Total	Negative	Positive	0.001-0.049	0.05-0.099	0.10 and over
14 years and under	1	1	1	1	0	0	0	0
15 years	3	1	1	1	0	0	0	0
16 years	28	8	8	7	1	1	0	0
17 years	22	8	8	7	1	0	0	1
18 years	43	17	14	11	3	1	1	1
19 years	32	15	13	5	8	0	2	6
20 years	23	14	13	9	4	0	0	4
21 years	36	17	14	2	12	0	1	11
22 years	30	19	15	3	12	1	2	9
23 years	29	16	16	5	11	0	3	8
24 years	19	11	10	2	8	0	0	8
25-34 years	193	87	82	42	40	0	3	37
35-44 years	189	87	81	32	49	0	3	46
45-54 years	149	62	55	35	20	1	2	17
55-64 years	102	51	49	38	11	2	1	8
65-74 years	49	26	23	20	3	1	0	2
75-84 years	56	39	26	25	1	0	0	1
85 and over	22	16	10	10	0	0	0	0
TOTAL	1,050*	495	439	255	184	7	18	159

Note: Drivers include motorcycle and moped drivers.

*Includes 24 of unknown age.

Source: Wisconsin Department of Transportation, *1999 Wisconsin Crash Facts*, September 2000.

WISCONSIN MOTOR VEHICLE CRASHES—Continued Motorcycle Crashes, 1989 – 1999

Year	Total Registered Cycles	Cycle Crashes				Cyclist Fatalities ²		
		Total	Fatal ¹	Personal Injury	Property Damage	Total	No Helmet or Unknown	Helmet
1989	171,172	2,889	65	2,423	401	68	55	13
1990	161,515	2,713	66	2,261	386	67	51	16
1991	179,768	2,601	75	2,139	387	76	57	19
1992	150,857	2,157	36	1,825	296	40	37	3
1993	169,499	2,243	41	1,861	341	40	32	8
1994	149,756	2,297	53	1,924	320	57	50	7
1995	168,287	2,057	45	1,709	303	47	43	4
1996	148,975	1,823	48	1,580	195	50	40	10
1997	167,997	1,760	59	1,487	214	63	52	11
1998	157,230	1,989	63	1,691	235	65	51	14
1999	179,494	2,012	61	1,720	231	65	46	17

¹Number of fatal cycle crashes includes crashes involving pedestrian fatalities.

²Number of cyclists killed includes both drivers and passengers.

Source: Wisconsin Department of Transportation, *1999 Wisconsin Crash Facts*, September 2000.

Drivers Involved in Crashes, By Age Group, 1999

Age of Drivers	Total Licensed Drivers		Drivers Involved in Crashes*		Drivers by Type of Crash*		
	Number	Age Group as Percent of Total Drivers	Number	Percent of Total Drivers in Crashes	Fatal	Personal Injury	Property Damage
14 years and under	0	0.0%	193	0.1%	1	87	105
15 years	0	0.0	361	0.2	3	143	215
16 years	44,818	1.2	8,345	3.8	28	3,090	5,227
17 years	60,547	1.6	8,640	3.9	22	3,128	5,490
18 years	65,088	1.7	8,642	3.9	43	3,158	5,441
19 years	65,346	1.8	7,388	3.4	32	2,747	4,609
20 years	66,936	1.8	6,455	2.9	23	2,432	4,000
21 years	65,129	1.7	5,973	2.7	36	2,246	3,691
22 years	66,990	1.8	5,318	2.4	30	1,944	3,344
23 years	59,848	1.6	4,859	2.1	29	1,765	3,065
24 years	62,664	1.7	4,531	2.1	19	1,626	2,886
25-34 years	686,667	18.4	40,876	18.7	193	14,565	26,118
35-44 years	832,667	22.3	40,681	18.6	189	14,078	26,414
45-54 years	689,716	18.5	28,088	12.8	149	9,454	18,485
55-64 years	426,472	11.4	14,774	6.8	102	4,927	9,745
65-74 years	314,489	8.4	9,281	4.2	49	3,226	6,006
75-84 years	188,054	5.0	5,818	2.7	56	2,110	3,652
85 and over	38,118	1.0	1,172	0.5	22	428	722
Unknown	0	0.0	17,458	8.0	24	3,048	14,386
TOTAL	3,733,077	100.0%	218,853	100.0%	1,050	74,202	143,601

*Figure indicates the number of times a driver in this age group was involved in a crash. If a driver had more than one crash, the driver would be counted more than once.

Source: Wisconsin Department of Transportation, *1999 Wisconsin Crash Facts*, September 2000.

WISCONSIN MOTOR VEHICLE CRASHES—Continued
Possible Contributing Circumstances, 1999

Circumstance by category	All Crashes				Urban Crashes				Rural Crashes			
	Total	Fatal	Personal Injury	Property Damage	Total	Fatal	Personal Injury	Property Damage	Total	Fatal	Personal Injury	Property Damage
DRIVER												
Inattentive driving	25,190	135	10,304	14,751	14,555	16	5,660	8,879	10,635	119	4,644	5,872
Failure to yield right-of-way	24,907	133	10,303	14,471	17,904	25	7,213	10,666	7,003	108	3,090	3,805
Failure to have control	20,958	235	8,134	12,589	8,904	33	2,978	5,893	12,054	202	5,156	6,696
Speed too fast for conditions	15,994	101	5,952	9,941	6,188	13	2,153	4,022	9,806	88	3,799	5,919
Following too closely	10,286	3	4,162	6,121	7,581	0	3,075	4,506	2,705	3	1,087	1,615
Driver condition	7,695	151	4,019	3,525	3,338	14	1,518	1,806	4,357	137	2,501	1,719
Disregarded traffic control	6,358	49	3,177	3,132	5,218	9	2,584	2,625	1,140	40	593	507
Improper turn	4,163	15	938	3,210	2,990	7	615	2,368	1,173	8	323	842
Unsafe backing	3,529	2	327	3,200	2,263	0	212	2,051	1,266	2	115	1,149
Exceeding speed limit	3,383	96	1,726	1,561	1,860	20	901	939	1,523	76	825	622
Left of center	2,202	85	1,012	1,105	622	4	241	377	1,580	81	771	728
Improper overtaking	2,070	16	560	1,494	1,042	2	240	800	1,028	14	320	694
Physically disabled	199	2	96	101	100	1	45	54	99	1	51	47
Other	6,224	38	2,025	4,161	4,366	12	1,360	2,994	1,858	26	665	1,167
HIGHWAY												
Snow/ice/wet	31,315	115	10,211	20,989	15,929	15	5,222	10,692	15,386	100	4,989	10,297
Visibility obscured	4,344	30	1,862	2,452	2,567	9	1,090	1,468	1,777	21	772	984
Construction zone	2,099	10	766	1,323	1,261	2	439	820	838	8	327	503
Loose gravel	855	9	414	432	110	0	46	64	745	9	368	368
Narrow shoulder	463	5	167	291	54	0	15	39	409	5	152	252
Low shoulder	281	4	140	137	25	0	10	15	256	4	130	122
Soft shoulder	202	0	95	107	7	0	5	2	195	0	90	105
Debris from prior crash	129	1	62	66	38	0	15	23	91	1	47	43
Other debris	496	2	134	360	215	1	67	147	281	1	67	213
Sign obscured or missing	120	1	56	63	65	0	28	37	55	1	28	26
Rough pavement	89	1	40	48	24	1	6	17	65	0	34	31
Narrow bridge	57	0	15	42	10	0	3	7	47	0	12	35
Other	1,691	10	619	1,062	910	3	315	592	781	7	304	470
VEHICLE												
Brakes	1,641	8	675	958	1,041	1	419	621	600	7	256	337
Tires	1,202	15	462	725	398	0	141	257	804	15	321	468
Steering	291	2	109	180	150	0	44	106	141	2	65	74
Turn signals	196	2	69	125	55	0	14	41	141	2	55	84
Head lamps	139	1	66	72	84	0	40	44	55	1	26	28
Disabled from prior crash	120	1	59	60	46	0	19	27	74	1	40	33
Other disabled	169	0	65	104	92	0	32	60	77	0	33	44
Tail lamps	93	1	53	39	19	0	9	10	74	1	44	29
Stop lamps	93	1	49	43	36	0	19	17	57	1	30	26
Suspension	87	1	31	55	26	0	7	19	61	1	24	36
Mirrors	84	0	19	65	53	0	12	41	31	0	7	24
Other	2,279	7	483	1,789	1,141	1	238	902	1,138	6	245	887

Note: Numbers represent the number of times a possible contributing circumstance was cited and not number of accidents.
Source: 1999 Wisconsin Traffic Crash Facts, September 2000.

MASS TRANSIT SYSTEMS IN WISCONSIN, BY TYPE
May 2001

Urban Bus	Rural/Intercity Bus	Shared-ride	Taxi ³
Appleton	Beaver Dam ²	Baraboo	Plover
Bay Area Transit (Ashland)	Ho Chunk Nation	Beaver Dam	Portage
Beloit	Marshfield	Berlin	Port Washington
Eau Claire	Menominee Indian Reservation	Black River Falls	Prairie du Chien
Fond du Lac	Oneida Indian Reservation	Chippewa Falls	Prairie du Sac
Green Bay	Ozaukee County	Clintonville	Reedsburg
Janesville	Rhineland ²	Edgerton	Rhineland ²
Kenosha	Richland Center ²	Fort Atkinson	Ripon
La Crosse	Rusk County	Grant County	River Falls
Ladysmith	Washington County	Hartford	Shawano
Madison ¹		Jefferson	Stoughton
Manitowoc		Lake Mills	Sun Prairie
Merrill		Marinette	Viroqua
Milwaukee County ¹		Marshfield	Washington County
Monona ²		Mauston	Waterloo/Marshall
Oshkosh		Medford	Watertown
Ozaukee County		Monroe	Waupaca
Racine ¹		Neillsville	Waupun
Rice Lake		New Richmond	West Bend
Sheyboyan		Onalaska	Whitewater
Stevens Point		Ozaukee County	Wisconsin Rapids
Superior		Platteville	
Washington County			
Waukesha (city)			
Waukesha County ²			
Wausau			

¹Privately managed.

²Privately contracted. (Note: The private service in Waukesha County is an inter-urban service.)

³Taxi services are privately contracted except for the City of Hartford and Grant County, where they are publicly owned and operated.

Source: Wisconsin Department of Transportation, Division of Transportation Investment Management, departmental data, May 2001.

WISCONSIN URBAN TRANSIT SYSTEMS
USAGE AND REVENUE, 1970 – 2000
(In Thousands)

Year	Revenue Miles	Revenue Passengers	Operating Revenue*
1970	28,371	80,172	22,078
1975	26,119	63,587	22,454
1980	33,943	88,756	29,631
1985	31,829	79,540	39,635
1990	33,685	78,215	39,594
1991	33,820	74,764	45,489
1992	33,941	72,981	45,356
1993	33,954	71,444	46,492
1994	33,996	71,242	48,291
1995	30,734	71,875	50,171
1996	34,306	73,172	54,147
1997	38,222	74,703	55,842
1998	45,064	76,367	57,836
1999	54,585	77,169	58,101
2000	56,898	76,383	66,056

*As recognized by the Wisconsin Department of Transportation.

Sources: Wisconsin Department of Transportation, Division of Transportation Assistance, Bureau of Transit, *Wisconsin Urban Bus System Annual Report 1989*, and previous issues; departmental data, May 2001.

WISCONSIN HARBOR COMMERCE – 1999
(In Thousands of Short Tons)

Harbors ¹	Total Tonnage ²	Crude Inedible Materials (except fuels)	Coal and Lignite	Food and Farm Products	Primary Manufactured Goods	Petroleum and Petroleum Products	Manufactured Equipment, Machinery and Products	Chemicals and Related Products	Unknown
LAKE SUPERIOR									
Duluth-Superior	42,297	19,641	16,503	5,513	610	0	1	27	—
Ashland	100	13	88	—	—	—	—	—	—
Bayfield	36	17	—	—	—	—	18	—	—
La Pointe	19	—	—	—	—	—	18	—	—
LAKE MICHIGAN									
Milwaukee	3,531	1,198	1,154	178	845	152	2	0	—
Green Bay	2,333	965	748	13	511	73	0	24	—
Port Washington	409	—	409	—	—	—	—	—	—
Manitowoc	379	69	74	—	237	—	—	—	—
Menominee ³	165	144	21	—	—	—	—	—	—
Kenosha	48	48	—	—	—	—	—	—	—
Detroit Harbor ⁴	6	—	—	—	—	2	—	—	4
Sturgeon Bay ⁵	0	—	—	—	—	—	—	—	—
TOTAL	48,316	22,087	18,997	5,704	2,203	229	38	51	4

Note: Tonnage reported in short tons. One short ton equals 2,000 lbs.

¹Zero or no commerce reported for the following harbors: Algoma, Cornucopia, Kewaunee, Oconto, Pensaukee, Port Wing, Racine, Sheboygan, and Two Rivers.

²Detail may not add to total due to rounding.

³Includes tonnage handled at Marinette, Wisconsin.

⁴Washington Island.

⁵Includes tonnage traversing Lake Michigan Ship Canal.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States, Calendar Year 1999*, Part 3, 1999.

WISCONSIN AIRPORTS By Type, 1994 – 2000

Type of Airport	Number of Airports						
	1994	1995	1996	1997	1998	1999	2000
Publicly owned airports	96	95	95	97	97	97	98
Scheduled air carrier airports	(11)	(11)	(11)	(10)	(9)	(9)	(9)
All other publicly owned or operated airports	(85)	(84)	(84)	(87)	(88)	(88)	(89)
Privately owned airports open to the public	49	38	38	35	35	34	38
Private use airports	456	471	408	403	403	419	426
Heliports	95	117	108	115	115	120	131
Seaplane bases	19	30	28	26	26	27	27
Military/police fields and helipads	7	1	41	7	7	7	7
TOTAL	722	752	718	683	683	704	727

Sources: Wisconsin Department of Transportation, *Wisconsin Aviation Activity 1997*, April 1998 and previous issues; departmental data, May 2001.

WISCONSIN AIRPORT SYSTEM USAGE 1980 – 2000

Year	Certificated Air Carriers ¹		
	Tonnage		
	Passengers ²	Mail	Cargo
1980	2,681,529	9,784	10,451
1985	2,502,782	7,184	5,054
1986	2,814,362	7,662	9,652
1987	2,911,382	8,809	12,176
1988	3,155,544	9,452	12,502
1989	3,335,582	9,402	15,050
1990	3,488,596	9,380	18,616
1991	3,225,383	8,044	21,305
1992	3,517,446	8,076	24,143
1993	3,595,918	10,080	26,996
1994	3,885,969	12,660	30,125
1995	3,969,886	14,049	33,964
1996	4,114,213	15,571	54,594
1997	4,307,134	NA	NA
1998	4,387,673	NA	NA
1999	4,520,491	NA	11,749
2000	4,659,187	NA	11,087

NA – Not available.

¹Certificated air carrier is an airline that holds a valid Certificate of Public Convenience and Necessity, issued by the Civil Aeronautics Board.

²Beginning in 1961, the passenger count includes originating, stop-over, and transfer revenue passengers. Prior to that only those revenue passengers boarding aircraft at point of origin were counted.

Sources: Wisconsin Department of Transportation, *Wisconsin Aviation Activity 1997*, April 1998, and previous issues; departmental data, May 2001.

RAILROAD MILEAGE, USAGE AND REVENUE IN WISCONSIN 1920 – 2000

Year	No. of Railroads	Mileage Operated in Wisconsin ¹		Freight Traffic (in thousands)			Passenger Traffic (in thousands)		
		Road ²	Track ³	Tons	Ton-Miles ⁴	Revenue	Passengers	Miles ⁵	Revenue
1920	35	7,546	11,615	100,991	9,052,084	\$92,826	20,188	960,569	\$28,646
1930	27	7,231	11,583	83,672	6,908,656	78,747	4,799	466,154	14,071
1940	22	6,646	10,484	87,980	6,910,647	69,941	3,952	445,938	8,201
1950	20	6,337	10,000	121,576	10,850,178	141,762	5,575	646,353	14,933
1960	18	6,195	9,625	93,475	9,096,855	134,065	3,127	383,457	9,800
1970	15	5,965	9,127	97,130	13,432,055	191,764	1,463	138,572	4,264
1980 ⁶	21	5,192	7,990	101,008	14,727,522	453,977	174	1,122	54
1990	15	4,415	6,125	116,099	14,436,776	455,541	112	783	63
1991	15	4,415	6,116	119,467	14,802,903	459,533	134	940	77
1992	14	4,293	5,886	123,912	15,958,307	477,522	145	1,001	83
1993	13	4,227	5,697	123,691	17,435,929	487,496	152	1,069	87
1994	13	4,208	5,441	131,503	18,908,961	508,056	146	1,012	93
1995	12	4,170	5,403	132,858	20,980,751	573,501	NA	NA	NA
1996	10	4,170	5,420	147,906	21,026,799	575,048	NA	NA	NA
1997	11	3,678	5,056	169,478	27,366,352	629,012	NA	NA	NA
1998	12	3,671	5,049	148,286	21,198,769	576,848	NA	NA	NA
1999	12	3,619	4,997	152,425	21,929,925	574,707	NA	NA	NA
2000	12	3,548	4,956	151,573	21,321,266	580,678	NA	NA	NA

NA – Not available on 6/01/00.

¹In order to avoid duplication, mileage shown is exclusive of trackage rights. ²Road mileage is the measurement of stone roadbed in miles. ³Track mileage is the measurement of track (2 steel rails) on roadbeds in miles. ⁴A ton-mile is the movement of one ton (2,000 pounds) of cargo over the distance of one mile. ⁵Passenger miles are the combination of the number of passengers carried on Wisconsin trains and the miles traveled by the passengers while within Wisconsin boundaries. ⁶Intercity passenger service operated by Amtrak after May 1, 1971.

Source: Office of the Wisconsin Commissioner of Railroads, departmental data, May 2001.



A man and his dog enjoy canoeing on one of Wisconsin's many waterways. The Department of Natural Resources has the authority to manage the state's navigable waters to ensure that they are suitable for recreational and other uses. (Department of Natural Resources)