

# TRANSPORTATION

## Highway mileage in Wisconsin, January 1, 2020

County	Total miles	State trunk system	County trunk system	Local roads (city, village, town)	Other roads (parks, forests)
Adams . . . . .	1,451.56	91.45	226.57	1,133.54	0.00
Ashland . . . . .	1,134.70	119.53	91.26	878.90	45.01
Barron . . . . .	1,999.33	141.89	290.90	1,566.54	0.00
Bayfield . . . . .	2,202.07	155.16	172.75	1,779.46	94.70
Brown . . . . .	2,356.10	190.24	361.43	1,799.13	5.30
Buffalo . . . . .	1,042.73	148.02	317.90	572.88	3.93
Burnett . . . . .	1,573.59	106.38	220.05	1,206.20	40.96
Calumet . . . . .	877.41	94.73	131.76	650.92	0.00
Chippewa . . . . .	2,148.71	210.29	489.17	1,431.13	18.12
Clark . . . . .	2,190.75	157.37	300.98	1,685.42	46.98
Columbia . . . . .	1,740.09	277.92	357.23	1,103.95	0.99
Crawford . . . . .	1,089.48	182.78	132.44	768.56	5.70
Dane . . . . .	4,249.33	401.45	516.48	3,310.06	21.34
Dodge . . . . .	2,077.20	238.15	538.56	1,282.71	17.78
Door . . . . .	1,268.99	101.61	295.55	871.83	0.00
Douglas . . . . .	2,094.84	161.60	336.72	1,500.89	95.63
Dunn . . . . .	1,760.45	205.43	425.12	1,129.90	0.00
Eau Claire . . . . .	1,600.86	150.08	420.53	1,012.31	17.94
Florence . . . . .	554.24	66.89	49.12	379.25	58.98
Fond du Lac . . . . .	1,794.08	199.56	384.14	1,210.38	0.00
Forest . . . . .	1,110.79	152.41	109.06	777.17	72.15
Grant . . . . .	2,129.74	259.11	310.36	1,559.32	0.95
Green . . . . .	1,263.05	122.41	277.86	862.78	0.00
Green Lake . . . . .	703.66	69.97	228.27	405.42	0.00
Iowa . . . . .	1,321.02	169.74	366.87	783.15	1.26
Iron . . . . .	802.31	114.00	67.26	557.88	63.17
Jackson . . . . .	1,477.48	185.97	231.11	1,035.56	24.84
Jefferson . . . . .	1,443.73	179.60	256.30	1,007.83	0.00
Juneau . . . . .	1,529.89	191.96	234.17	1,091.65	12.11
Kenosha . . . . .	1,104.75	116.78	248.58	739.39	0.00
Kewaunee . . . . .	828.42	61.80	219.04	547.58	0.00
La Crosse . . . . .	1,212.10	156.51	281.02	773.76	0.81
Lafayette . . . . .	1,159.79	126.79	272.27	760.73	0.00
Langlade . . . . .	1,159.36	143.36	271.04	736.75	8.21
Lincoln . . . . .	1,321.64	155.51	270.74	868.14	27.25
Manitowoc . . . . .	1,662.34	154.66	283.60	1,224.08	0.00
Marathon . . . . .	3,387.10	276.56	614.34	2,489.72	6.48
Marinette . . . . .	2,362.82	154.30	334.28	1,640.24	234.00
Marquette . . . . .	860.61	87.46	237.22	535.86	0.07
Menominee . . . . .	455.02	40.74	36.51	81.67	296.10
Milwaukee . . . . .	3,048.13	254.83	140.20	2,634.26	18.84
Monroe . . . . .	1,733.62	238.33	344.02	1,063.70	87.57
Oconto . . . . .	2,053.75	149.83	318.55	1,540.91	44.46
Oneida . . . . .	1,723.31	159.56	171.18	1,352.21	40.36
Outagamie . . . . .	2,024.83	186.89	343.77	1,486.67	7.50
Ozaukee . . . . .	948.92	82.29	155.55	711.08	0.00
Pepin . . . . .	462.4	48.58	154.72	259.10	0.00
Pierce . . . . .	1,317.82	164.19	248.68	899.47	5.48
Polk . . . . .	1,989.28	159.22	331.37	1,488.40	10.29
Portage . . . . .	1,904.93	157.75	433.85	1,313.33	0.00
Price . . . . .	1,442.86	155.24	220.05	1,054.74	12.83
Racine . . . . .	1,325.97	153.75	158.97	1,013.25	0.00
Richland . . . . .	1,130.17	150.12	296.49	683.56	0.00
Rock . . . . .	2,092.31	252.62	212.05	1,627.64	0.00
Rusk . . . . .	1,243.36	105.26	255.13	859.85	23.12

## Highway mileage in Wisconsin, January 1, 2020, continued

County	Total miles	State trunk system	County trunk system	Local roads (city, village, town)	Other roads (parks, forests)
St. Croix . . . . .	1,951.55	205.07	334.48	1,410.32	1.68
Sauk . . . . .	1,906.98	221.51	308.35	1,296.98	80.14
Sawyer . . . . .	1,508.35	161.32	228.94	1,092.77	25.32
Shawano . . . . .	1,766.27	178.83	293.58	1,252.36	41.50
Sheboygan . . . . .	1,565.11	166.71	449.13	949.27	0.00
Taylor . . . . .	1,458.08	110.22	248.37	1,081.75	17.74
Trempealeau . . . . .	1,370.24	176.46	291.53	893.48	8.77
Vernon . . . . .	1,655.45	214.03	285.22	1,153.68	2.52
Vilas . . . . .	1,562.81	136.27	204.25	1,135.02	87.27
Walworth . . . . .	1,538.27	216.11	193.25	1,128.91	0.00
Washburn . . . . .	1,416.69	137.16	198.65	982.04	98.84
Washington . . . . .	1,545.60	181.74	177.78	1,186.08	0.00
Waukesha . . . . .	3,109.97	217.07	406.00	2,486.90	0.00
Waupaca . . . . .	1,663.10	197.38	333.46	1,132.26	0.00
Waushara . . . . .	1,331.28	132.32	333.46	865.50	0.00
Winnebago . . . . .	1,581.61	168.01	217.46	1,196.11	0.03
Wood . . . . .	1,798.37	185.88	324.22	1,275.66	12.61
<b>Total . . . . .</b>	<b>115,673.52</b>	<b>11,744.72</b>	<b>19,821.27</b>	<b>82,259.90</b>	<b>1,847.63</b>

Source: Wisconsin Department of Transportation, Division of Transportation Investment Management, departmental data, October 2020.

## Wisconsin road mileage, January 1, 2020

System	Miles	Percent	Surface	Miles	Percent
State trunk highways . . . . .	11,745	10.2	Bituminous or higher . . . . .	91,578	79.2
County trunk highways . . . . .	19,821	17.1	Gravel or soil-surfaced . . . . .	16,515	14.3
City streets . . . . .	14,015	12.1	Sealcoat . . . . .	5,726	5.0
Village streets . . . . .	6,728	5.8	Graded and drained . . . . .	1,732	1.5
Town roads . . . . .	61,516	53.2	Unimproved . . . . .	122	0.1
Park, forest, and other roads . . . . .	1,848	1.6	<b>Total . . . . .</b>	<b>115,674</b>	<b>100.0</b>
<b>Total . . . . .</b>	<b>115,674</b>	<b>100.0</b>			

Source: Wisconsin Department of Transportation, Division of Transportation Investment Management, departmental data, October 2020.

## Wisconsin harbor commerce tonnage, 2019

Harbors <sup>1</sup>	Crude inedible materials (except fuels)	Coal and lignite	Primary mfd goods	Food and farm products	Petroleum and petroleum products	Chemicals and related products	Mfd equip., machinery, and products	Unknown or other
<b>Lake Superior</b>	22,924,783	8,306,580	181,089	1,860,755	57,154	44,871	391,513	—
Duluth-Superior	22,924,352	8,306,580	181,089	1,860,755	54,962	44,871	366,225	—
Bayfield . . . . .	387	—	—	—	1,096	—	12,644	—
La Pointe . . . . .	44	—	—	—	1,096	—	12,644	—
<b>Lake Michigan</b>	2,968,783	459,589	1,633,007	100,274	299,408	10,509	9,113	36,404
Milwaukee	1,587,757	—	1,056,884	100,274	59,957	—	1,926	28
Green Bay	1,233,847	441,055	324,110	—	237,788	10,509	—	36,376
Manitowoc	79,491	18,534	137,769	—	—	—	—	—
Menominee <sup>2</sup>	56,326	—	114,244	—	—	—	—	—

## Wisconsin harbor commerce tonnage, 2019, continued

Harbors <sup>1</sup>	Crude inedible materials (except fuels)	Coal and lignite	Primary mfd goods	Food and farm products	Petroleum and petroleum products	Chemicals and related products	Mfd equip., machinery, and products	Unknown or other
Kenosha	11,362	—	—	—	—	—	1,330	—
Detroit Harbor <sup>3</sup>	—	—	—	—	1,663	—	5,857	—
<b>Total</b>	<b>25,893,566</b>	<b>8,766,169</b>	<b>1,814,096</b>	<b>1,961,029</b>	<b>356,562</b>	<b>55,380</b>	<b>400,626</b>	<b>36,404</b>

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

— Represents zero; Mfd—Manufactured.

1. Harbors with reported commerce. 2. Includes tonnage handled at Marinette, Wisconsin. 3. Washington Island.

Source: U.S. Army Corps of Engineers, Navigation Data Center, Ports and Waterways (database), Calendar Year 2019, Region 3, at <http://cwbi-ndc-nav.s3-website-us-east-1.amazonaws.com/files/wcsc/webpub/#/?year=2019&regionId=3> [March 2021].

## Motor vehicles in Wisconsin, by type

Fiscal year (ending June 30)	Total	Autos	Trucks <sup>1</sup>	Trailers, semi-trailers	Motor homes	Buses	Motorcycles <sup>2</sup>	Mopeds
1930	819,718	700,251	115,883	X	X	554	3,030	X
1935	722,797	597,197	116,912	5,634	X	498	2,556	X
1940	874,652	741,583	123,742	5,144	X	675	3,508	X
1945	828,425	676,978	139,591	6,484	X	1,489	3,883	X
1950	1,157,221	921,194	209,083	14,124	X	2,465	10,355	X
1955	1,369,636	1,108,084	227,367	21,643	X	3,337	9,205	X
1960	1,598,693	1,303,679	246,353	31,502	X	5,184	11,975	X
1965	1,867,223	1,517,397	269,771	44,017	X	7,218	28,820	X
1970	2,205,662	1,762,681	317,096	64,065	X	8,178	53,642	X
1975	2,737,164	2,096,694	425,854	91,609	X	11,897	111,110	X
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
1995	4,285,753	2,464,358	1,391,374	207,042	22,554	15,593	161,762	23,070
2000	4,703,294	2,405,408	1,813,385	214,344	24,427	15,587	160,920	17,977
2005	5,226,584	2,347,042	2,216,863	342,879	22,598	12,478	249,979	34,745
2006	5,326,157	2,361,853	2,281,988	364,024	22,406	13,174	246,307	36,405
2007	5,428,629	2,357,616	2,333,538	396,229	21,147	13,516	266,036	40,547
2008	5,499,872	2,381,911	2,370,655	410,737	20,209	10,736	260,220	45,404
2009	5,532,953	2,340,991	2,396,470	417,031	20,039	12,685	291,164	54,573
2010	5,525,794	2,333,029	2,416,295	426,092	19,615	13,376	269,316	48,071
2011	5,564,794	2,300,243	2,445,056	434,782	18,792	13,745	296,808	55,368
2012	5,551,411	2,274,596	2,473,072	447,195	18,535	14,169	274,553	49,291
2013	5,671,185	2,276,007	2,548,029	460,542	18,187	10,598	301,477	56,345
2014	5,697,808	2,255,966	2,609,402	479,237	18,584	12,615	275,120	46,884
2015	5,823,555	2,229,199	2,703,329	502,301	18,766	13,324	303,577	53,059
2016	5,870,311	2,192,295	2,802,029	525,513	18,760	13,739	274,787	43,188
2017	5,985,094	2,132,984	2,919,745	546,535	18,779	14,138	303,541	49,372
2018	6,047,860	2,080,739	3,050,820	571,827	19,005	10,164	275,301	40,004
2019	6,195,594	2,019,545	3,197,066	596,396	19,282	12,525	305,278	45,502
2020	6,072,320	1,886,351	3,245,480	604,370	18,199	12,896	269,431	35,593

X—Not applicable.

1. "Trucks" includes minivans and sport utility vehicles. 2. For 2020, the motorcycle total includes 96 antique registrations. 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 prior issues, and *Wisconsin Transportation Facts* (periodical); departmental data, February 2021.

## Wisconsin motor vehicle crashes

	Total licensed drivers	Crashes <sup>1</sup>			Persons killed	Persons injured	Miles traveled (millions)	Fatality rate <sup>2</sup>	Fatal crash rate <sup>3</sup>
		Total	Fatal	Injury					
2001 . . . . .	3,835,549	125,403	684	39,358	764	58,279	57,266	1.33	1.19
2002 . . . . .	3,839,930	129,072	723	39,634	805	57,776	58,745	1.37	1.23
2003 . . . . .	3,933,924	131,191	748	39,413	836	56,882	59,617	1.40	1.25
2004 . . . . .	3,993,348	128,308	714	38,451	784	55,258	60,398	1.31	1.18
2005 . . . . .	4,049,450	125,174	700	37,515	801	53,462	60,018	1.33	1.17
2006 . . . . .	4,066,273	117,877	659	35,296	712	50,236	59,401	1.20	1.11
2007 . . . . .	4,075,764	125,123	655	36,048	737	50,676	59,493	1.24	1.10
2008 . . . . .	4,079,562	125,103	542	33,766	587	46,637	57,462	1.02	0.94
2009 . . . . .	4,085,833	109,991	488	29,907	542	41,589	58,157	0.93	0.84
2010 . . . . .	4,114,622	108,808	517	29,380	562	40,889	59,420	0.95	0.87
2011 . . . . .	4,142,823	112,516	515	28,965	565	40,144	58,554	0.96	0.88
2012 . . . . .	4,171,428	109,385	535	28,453	601	39,370	59,087	1.02	0.91
2013 . . . . .	4,188,194	118,254	491	28,474	527	39,872	59,484	0.89	0.83
2014 . . . . .	4,194,760	119,736	451	28,801	498	39,701	60,044	0.83	0.75
2015 . . . . .	4,206,770	121,613	513	29,845	555	41,653	62,140	0.89	0.83
2016 . . . . .	3,960,597	129,051	524	31,066	588	43,669	63,870	0.92	0.82
2017 . . . . .	4,286,263	139,870	539	30,614	594	42,178	65,324	0.91	0.83
2018 . . . . .	4,288,173	144,082	526	29,934	584	41,092	NA	NA	NA
2019 . . . . .	4,296,646	145,288	511	28,791	551	39,723	66,341	0.83	0.77

NA—Not available.

1. A motor vehicle crash is defined as an event caused by a single variable or chain of variables. The property damage threshold for a reportable crash was raised from \$500 to \$1,000, effective January 1, 1996. 2. Number of fatalities per 100 million vehicle miles traveled. 3. Number of fatal crashes per 100 million vehicle miles traveled.

Source: Wisconsin Department of Transportation, *Wisconsin Traffic Crash Facts*; departmental data, December 2020.

## Wisconsin motorcycle crashes

	Total registered cycles	Cycle crashes			Cyclist fatalities <sup>1</sup>			
		Total	Fatal	Personal injury	Property damage	Total <sup>2</sup>	No helmet	Helmet
2001 . . . . .	201,143	2,285	69	1,928	288	70	53	14
2002 . . . . .	198,495	2,184	73	1,794	317	78	59	15
2003 . . . . .	225,181	2,512	98	2,099	315	100	74	24
2004 . . . . .	221,982	2,423	81	2,015	327	80	60	18
2005 . . . . .	239,938	2,680	91	2,277	312	92	69	22
2006 . . . . .	291,534	2,441	88	2,065	288	93	69	24
2007 . . . . .	322,505	2,788	102	2,331	355	106	70	26
2008 . . . . .	327,938	2,829	86	2,318	425	87	66	19
2009 . . . . .	355,487	2,345	82	1,912	351	82	51	27
2010 . . . . .	343,878	2,426	97	1,959	370	98	72	23
2011 . . . . .	361,893	2,331	79	1,877	375	80	69	5
2012 . . . . .	340,268	2,630	107	2,110	413	112	82	25
2013 . . . . .	367,474	2,150	84	1,705	361	83	60	20
2014 . . . . .	337,637	2,101	63	1,696	342	67	43	21
2015 . . . . .	365,878	2,221	80	1,724	417	81	63	14
2016 . . . . .	334,950	2,250	78	1,733	439	82	62	17
2017 . . . . .	363,094	2,206	73	1,741	392	76	45	27
2018 . . . . .	331,356	2,075	78	1,609	388	81	52	28
2019 . . . . .	340,640	1,806	81	1,369	356	82	53	29

1. Number of cyclists killed includes both drivers and passengers. 2. Includes fatalities where there is no data on whether the cyclist was wearing a helmet.

Source: Wisconsin Department of Transportation, *Wisconsin Traffic Crash Facts*; departmental data, December 2020.

## Fatal crashes on Wisconsin highways and roads

	Total	Interstate	State	County	Local
2001	684	35	286	167	196
2002	723	44	310	171	198
2003	748	46	317	174	211
2004	714	47	298	155	214
2005	700	42	284	163	211
2006	659	34	294	128	203
2007	655	43	259	143	210
2008	542	32	225	119	166
2009	488	27	221	93	147
2010	517	32	230	105	150
2011	515	34	236	113	132
2012	535	26	242	103	164
2013	491	26	225	104	136
2014	451	23	198	85	145
2015	513	36	223	93	161
2016	524	31	211	110	172
2017	539	36	230	91	182
2018	526	30	235	108	153
2019	517	40	223	124	130

Source: Wisconsin Department of Transportation, *Wisconsin Traffic Crash Facts*; departmental data, December 2020.

## Drivers involved in crashes, 2019

Age of drivers	Total licensed drivers		Drivers involved in crashes <sup>1</sup>		Drivers by type of crash <sup>1</sup>		
	Number	% of drivers	Number	% of drivers	Fatal	Injury	Property damage
14 and under	—	—	74	0.0	—	21	53
15	—	—	303	0.1	1	31	271
16	33,433	0.8	4,563	2.0	4	479	4,080
17	47,100	1.1	5,568	2.5	7	622	4,939
18	53,665	1.2	5,664	2.5	3	679	4,982
19	56,374	1.3	5,387	2.4	8	683	4,696
20	59,301	1.4	5,327	2.4	5	744	4,578
21	61,010	1.4	5,177	2.3	6	679	4,492
22	62,402	1.5	5,183	2.3	10	697	4,476
23	64,459	1.5	5,282	2.3	8	706	4,568
24	66,012	1.5	4,969	2.2	14	658	4,297
25–34	706,920	16.5	44,240	19.5	70	5,829	38,341
35–44	680,972	15.8	35,012	15.5	57	4,400	30,555
45–54	676,389	15.7	30,056	13.3	59	3,984	26,013
55–64	789,577	18.4	29,232	12.9	72	3,920	25,240
65–74	579,944	13.5	16,558	7.3	54	2,162	14,342
75–84	271,699	6.3	7,286	3.2	28	973	6,285
85 and over	87,389	2.0	2,072	0.9	12	274	1,786
Unknown	—	—	14,511	6.4	—	38	14,473
<b>Total</b>	<b>4,296,646</b>		<b>226,464</b>		<b>418</b>	<b>27,579</b>	<b>198,467</b>

—Represents zero.

1. 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, *Wisconsin Traffic Crash Facts*; departmental data, December 2020.

### Possible contributing circumstances to Wisconsin motor vehicle crashes, 2019

	All crashes						Urban crashes				Rural crashes					
	Total		Fatal		Injury		Property damage		Total	Fatal	Injury	Property damage	Total	Fatal	Injury	Property damage
<b>Driver</b>																
Exceed speed limit . . . . .	1,372	27	490	855	815	19	300	496	557	8	190	359				
Speed too fast for conditions . . . . .	8,225	18	1,204	7,003	4,867	13	723	4,131	3,358	5	481	2,872				
Failed to yield right-of-way . . . . .	9,610	16	1,185	8,409	5,628	11	681	4,936	3,982	5	504	3,473				
Following too close . . . . .	5,888	3	486	5,399	3,431	3	276	3,152	2,457	0	210	2,247				
Improper turn . . . . .	1,450	1	107	1,342	842	1	62	779	608	0	45	563				
Unsafe backing . . . . .	3,640	0	23	3,617	2,137	0	12	2,125	1,503	0	11	1,492				
Failure to control . . . . .	10,854	41	2,093	8,720	6,347	25	1,249	5,073	4,507	16	844	3,647				
Ran off roadway . . . . .	2,472	28	716	1,728	1,443	18	424	1,001	1,029	10	292	727				
Disregarded red light . . . . .	1,467	4	260	1,203	841	2	142	697	626	2	118	506				
Disregarded stop sign . . . . .	955	11	205	739	570	8	116	446	385	3	89	293				
Disregarded other traffic control . . . . .	398	6	81	311	228	4	48	176	170	2	33	135				
Disregarded other road markings . . . . .	193	1	28	164	117	0	16	101	76	1	12	63				
Improper overtaking/passing right . . . . .	367	0	31	336	214	0	18	196	153	0	13	140				
Improper overtaking/passing left . . . . .	411	2	44	365	243	1	23	219	168	1	21	146				
Wrong side or wrong way . . . . .	437	10	109	318	248	5	64	179	189	5	45	139				
Failure to keep in designated lane . . . . .	3,461	32	649	2,780	1,969	20	365	1,584	1,492	12	284	1,196				
Operated motor vehicle in aggressive/reckless manner . . . . .	1,068	12	248	808	639	10	157	472	429	2	91	336				
Operated motor vehicle in inattentive, careless or erratic manner	5,176	15	770	4,391	3,025	8	439	2,578	2,151	7	331	1,813				
Swerved or avoided due to wind, slippery surface, motor vehicle, object, non-motorist in roadway, etc. . . . .	613	1	97	515	357	1	55	301	256	0	42	214				
Over-correcting/over-steering . . . . .	642	7	171	464	379	4	101	274	263	3	70	190				
Racing . . . . .	43	2	11	30	18	1	6	11	25	1	5	19				
Other contributing action . . . . .	3,719	15	521	3,183	2,120	10	308	1,802	1,599	5	213	1,381				
No contributing action . . . . .	44,725	25	6,614	38,086	26,120	12	3,840	22,268	18,605	13	2,774	15,818				
Looked but did not see . . . . .	2,723	0	160	2,563	1,626	0	96	1,530	1,097	0	64	1,033				
Unknown . . . . .	10,395	43	573	9,779	6,132	26	332	5,774	4,263	17	241	4,005				
<b>Highway</b>																
Backup due to prior crash . . . . .	869	3	247	619	462	0	124	338	407	3	123	281				
Backup due to prior nonrecurring incident . . . . .	559	2	162	395	323	1	79	243	236	1	83	152				
Backup due to regular congestion . . . . .	3,724	0	1,034	2,690	2,894	0	809	2,085	830	0	225	605				
Toll booth/plaza related . . . . .	1	0	0	1	1	0	0	1	0	0	0	0				
Road surface condition (wet, icy, snow, slush, etc.) . . . . .	11,770	41	2,183	9,546	5,027	6	907	4,114	6,743	35	1,276	5,432				
Debris prior to crash . . . . .	112	0	22	90	47	0	9	38	65	0	13	52				

Rut, holes, bumps . . . . .	121	1	48	72	54	0	19	35	67	1	29	37
Work zone (construction/maintenance/utility) . . . . .	967	7	241	719	537	2	124	411	430	5	117	308
Worn, travel-polished surface . . . . .	4	0	0	4	2	0	0	2	2	0	0	2
Obstruction in roadway . . . . .	332	0	71	261	156	0	31	125	176	0	40	136
Traffic control device inoperative, missing, or obscured . . . . .	77	0	22	55	68	0	18	50	9	0	4	5
Narrow shoulder . . . . .	106	3	26	77	31	0	5	26	75	3	21	51
Low shoulder . . . . .	31	0	14	17	1	0	1	0	30	0	13	17
Soft shoulder . . . . .	43	0	11	32	2	0	0	2	41	0	11	30
Nonhighway work . . . . .	29	0	9	20	14	0	1	13	15	0	8	7
Loose gravel . . . . .	144	1	83	60	25	0	11	14	119	1	72	46
Rough pavement . . . . .	24	1	9	14	6	0	1	5	18	1	8	9
Other debris . . . . .	158	0	24	134	76	0	14	62	82	0	10	72
Sign obscured/miss . . . . .	14	0	1	13	8	0	0	8	6	0	1	5
Narrow bridge . . . . .	7	0	3	4	2	0	2	0	5	0	1	4
Visibility obscured . . . . .	559	3	159	397	312	1	84	227	247	2	75	170
Not applicable . . . . .	538	1	69	468	289	0	29	260	249	1	40	208
Other . . . . .	474	1	104	369	275	0	56	219	199	1	48	150
<b>Vehicle</b>												
Brakes . . . . .	1,346	3	366	977	932	1	250	681	414	2	116	296
Exhaust system . . . . .	28	0	12	16	22	0	12	10	6	0	0	6
Body doors . . . . .	541	0	123	418	445	0	99	346	96	0	24	72
Steering . . . . .	384	1	94	289	253	0	61	192	131	1	33	97
Power train . . . . .	173	0	44	129	99	0	29	70	74	0	15	59
Suspension . . . . .	129	0	34	95	76	0	21	55	53	0	13	40
Tires . . . . .	1,251	15	283	953	536	3	122	411	715	12	161	542
Wheels . . . . .	358	0	78	280	204	0	50	154	154	0	28	126
Head lamps . . . . .	144	1	49	94	104	0	35	69	40	1	14	25
Turn signals . . . . .	63	0	15	48	32	0	9	23	31	0	6	25
Tail lamps . . . . .	56	2	12	42	25	1	6	18	31	1	6	24
Stop lamps . . . . .	39	0	13	26	22	0	8	14	17	0	5	12
Windows/windshield . . . . .	214	0	55	159	133	0	39	94	81	0	16	65
Mirrors . . . . .	74	0	14	60	55	0	12	43	19	0	2	17
Wipers . . . . .	16	0	8	8	12	0	6	6	4	0	2	2
Coupling device/trailer hitch/safety chains . . . . .	114	0	15	99	50	0	9	41	64	0	6	58
Disabled due to prior crash . . . . .	80	1	33	46	41	0	14	27	39	1	19	19
Other disabled . . . . .	158	0	49	109	96	0	28	68	62	0	21	41
Other . . . . .	715	3	111	601	356	1	57	298	359	2	54	303

Note: Numbers represent the number of times a possible contributing circumstance was cited and not the total number of accidents.  
 Source: Wisconsin Department of Transportation, *Wisconsin Traffic Crash Facts*; departmental data, December 2020.

## Mass transit systems in Wisconsin, January 2021

Urban bus	Rural/commuter bus	Shared-ride taxi <sup>1</sup>	
Appleton	Bay Area Rural Transit	Baraboo	Plover
Beloit	Dunn County	Beaver Dam	Portage
Eau Claire	Kenosha County <sup>2</sup>	Berlin	Prairie du Chien
Fond du Lac	La Crosse County <sup>2</sup>	Black River Falls	Prairie du Sac/ Sauk City
Green Bay	Lac du Flambeau Tribe	Chippewa Falls	Reedsburg
Janesville	Manitowoc <sup>3</sup>	Clark County/Neillsville	Rhineland
Kenosha	Menominee Regional Transit	Clintonville	Richland Center
Madison	Oneida Tribe	Edgerton	Ripon
Milwaukee County <sup>2</sup>	Oneida-Vilas Counties Transit	Fort Atkinson	River Falls
Monona <sup>2</sup>	Commission	Grant County	Shawano
Oshkosh	Ozaukee County Express <sup>3</sup>	Hartford	Stoughton
Racine <sup>3</sup>	Platteville <sup>3</sup>	Jefferson	Sun Prairie <sup>6</sup>
Sheboygan	Racine Commuter <sup>3</sup>	La Crosse County	Tomah
Superior <sup>4</sup>	Rusk County	Lake Mills	Viroqua/Westby
Waukesha (city) <sup>2</sup>	Sauk County	Marinette	Walworth County
Waukesha County <sup>2</sup>	Sawyer County	Marshfield	Washington County
Wausau	Stevens Point <sup>5</sup>	Mauston	Watertown
	Verona	Medford	Waupaca
	Washington County Express <sup>2</sup>	Monroe	Waupun
		New Richmond	West Bend
		Onalaska	Whitewater
		Ozaukee County	Wisconsin Rapids

1. Taxi services are privately contracted except for Grant County and the City of Hartford, where they are publicly owned and operated. 2. Privately contracted. (Note: The private service in Waukesha County is an inter-urban service. Waukesha (city) and Waukesha (county) have merged to form Waukesha Metro Transit.) 3. Privately managed. 4. Contracted with Duluth Transit Authority. 5. Moved to "rural" funding tier under WisDOT's criteria for service areas of less than 50,000 in population. 6. Sun Prairie also providing commuter bus service through contract with Madison Metro.

Source: Wisconsin Department of Transportation, Division of Transportation Investment Management, departmental data, February 2021.

## Wisconsin urban transit systems

	Revenue miles (1,000)	Revenue passengers (1,000)	Operating revenue <sup>1</sup> (\$1,000)
1950 . . . . .	53,362	288,996	22,692
1955 . . . . .	42,807	169,129	23,134
1960 . . . . .	34,950	130,299	20,665
1965 . . . . .	32,330	110,979	20,457
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
1995 . . . . .	30,734	71,875	50,171
2000 . . . . .	42,447	89,821	58,785
2001 . . . . .	46,755	87,729	60,299
2002 . . . . .	48,322	84,874	64,263
2003 . . . . .	47,753	81,650	61,868
2004 . . . . .	46,696	81,812	65,621
2005 . . . . .	52,163	83,545	67,628
2006 . . . . .	51,700	83,913	72,896



### Wisconsin urban transit systems, continued

	Revenue miles (1,000)	Revenue passengers (1,000)	Operating revenue <sup>1</sup> (\$1,000)
2007 . . . . .	51,748	81,229	77,236
2008 . . . . .	52,439	82,953	83,263
2009 . . . . .	52,488	77,510	82,570
2010 . . . . .	52,579	74,717	87,288
2011 . . . . .	52,316	77,533	82,640
2012 . . . . .	51,214	75,290	83,005
2013 . . . . .	50,973	74,694	83,522
2014 . . . . .	52,003	72,281	76,310
2015 . . . . .	53,268	67,281	71,737
2016 . . . . .	52,816	63,346	68,149
2017 . . . . .	54,078	59,955	68,422
2018 . . . . .	52,834	57,913	71,368
2019 . . . . .	53,202	54,046	69,426

1. As recognized by the Wisconsin Department of Transportation.

Sources: Wisconsin Department of Transportation, departmental data through January 2021; (former) Division of Transportation Assistance *Wisconsin Urban Bus System Annual Report 1989* and prior issues.

### Railroad mileage, usage, and revenue in Wisconsin

	No. of rail- roads	Mileage operated in Wisconsin <sup>1</sup>		Freight traffic			Passenger traffic		
		Road <sup>2</sup>	Track <sup>3</sup>	Tons (1,000)	Ton-miles <sup>4</sup> (1,000)	Revenue (\$1,000)	Passengers (1,000)	Miles <sup>5</sup> (1,000)	Revenue (\$1,000)
1920 . . . . .	35	7,546	11,615	100,991	9,052,084	92,826.00	20,188	960,569	28,646.00
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 <sup>6</sup> . . . . .	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
2000 . . . . .	12	3,548	4,956	151,573	21,321,266	580,678	NA	NA	NA
2001 . . . . .	13	3,699	5,107	158,881	25,922,949	700,258	NA	NA	NA
2002 . . . . .	12	3,688	5,095	NA	21,417,016	704,167	NA	NA	NA
2003 . . . . .	11	3,450	4,643	118,387	26,092,960	667,736	NA	NA	NA
2004 . . . . .	11	3,417	4,610	106,719	27,408,816	713,951	NA	NA	NA
2005 . . . . .	11	3,417	4,614	109,214	27,966,142	715,206	NA	NA	NA
2006 . . . . .	12	3,432	4,634	114,609	28,024,633	717,421	NA	NA	NA
2007 . . . . .	12	3,430	4,585	109,210	22,942,906	737,119	NA	NA	NA
2008 . . . . .	12	3,417	4,560	109,207	22,906,152	784,264	NA	NA	NA
2009 . . . . .	10	3,417	4,571	107,146	20,456,847	762,649	NA	NA	NA
2010 . . . . .	10	3,408	4,594	108,206	21,394,264	771,203	NA	NA	NA
2011 . . . . .	10	3,402	4,606	106,527	24,891,634	971,369	NA	NA	NA
2012 . . . . .	9	3,482	4,669	111,472	25,972,105	1,146,602	NA	NA	NA
2013 . . . . .	9	3,489	4,676	126,154	28,734,278	1,288,345	NA	NA	NA
2014 . . . . .	9	3,482	4,668	135,210	30,455,440	1,511,135	NA	NA	NA
2015 . . . . .	9	3,005	4,176	130,219	29,220,895	1,237,662	NA	NA	NA
2016 . . . . .	9	3,018	4,189	114,986	27,804,936	994,275	NA	NA	NA
2017 . . . . .	9	2,995	4,111	138,393	31,589,253	1,155,539	NA	NA	NA

## Railroad mileage, usage, and revenue in Wisconsin, continued

Year	No. of railroads	Mileage operated in Wisconsin <sup>1</sup>		Freight traffic			Passenger traffic		
		Road <sup>2</sup>	Track <sup>3</sup>	Tons (1,000)	Ton-miles <sup>4</sup> (1,000)	Revenue (\$1,000)	Passengers (1,000)	Miles <sup>5</sup> (1,000)	Revenue (\$1,000)
2018 . . . . .	9	3,044	4,166	148,156	32,570,938	1,157,136	NA	NA	NA
2019 . . . . .	9	3,036	4,156	135,129	31,242,722	1,140,078	NA	NA	NA

NA—Not available.

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

Source: Office of the Wisconsin Commissioner of Railroads, departmental data, March 2021.

## Wisconsin airport usage by certified air carriers

	2018		2019		2020	
	Passengers	Enplaned freight (lb.)	Passengers	Enplaned freight (lb.)	Passengers	Enplaned freight (lb.)
General Mitchell International (Milwaukee) . . . . .	3,548,817	79,010,065	3,374,073	75,874,000	1,309,967	74,298,000
Dane County Regional (Madison). . . . .	1,082,529	14,297,349	1,162,024	13,061,697	422,167	12,835,527
Green Bay-Austin Straubel International (Green Bay) . . . . .	360,107	10,978,393	386,737	10,805,803	190,282	8,203,186
Appleton International (Appleton) . . . . .	324,840	155,695	347,263	174,403	144,316	165,176
Central Wisconsin (Mosinee) . . . . .	128,181	771,232	141,123	619,262	56,782	638,756
La Crosse Municipal (La Crosse) . . . . .	98,744	X	97,069	X	44,853	X
Chippewa Valley Regional (Eau Claire) . . . . .	24,931	1,562,840	27,203	1,420,686	13,652	1,419,884
Rhineland-Oneida County (Rhineland) . . . . .	23,734	X	24,268	X	10,086	X
<b>Total . . . . .</b>	<b>5,591,883</b>	<b>106,775,574</b>	<b>5,559,760</b>	<b>101,955,851</b>	<b>2,192,105</b>	<b>97,560,529</b>

Note: Wisconsin has eight scheduled air carrier airports. A certified air carrier is an airline that is registered by the Federal Aviation Administration.

X—Not applicable.

Source: Wisconsin Department of Transportation, departmental data, March 2021.

## Number of landing facilities in Wisconsin

Type	2016	2018
Airports in the State Airport System (public use) <sup>1</sup> . . . . .	97	97
Privately owned, public use airports . . . . .	31	30
Private use airports . . . . .	426	420
Heliports <sup>2</sup> . . . . .	155	109
Seaplane bases <sup>2</sup> . . . . .	27	16

1. Eligible for federal and/or state funding. 2. Public and private.

Source: Federal Aviation Administration data compiled by the Wisconsin Department of Transportation, March 2021.