

Nebraska's Legislative Planning Database

Transportation

This benchmark examines Nebraska's transportation by reviewing four broad areas: Transportation infrastructure, Accidents, Transportation Access, and Transportation stability. The most currently available data at the time the data files were put together are used. Additional information can be found from the Nebraska Department of Roads' website <http://www.dor.state.ne.us/> and the Nebraska Department of Motor Vehicles' web site <http://www.dmv.state.ne.us/>.

Transportation Infrastructure

One aspect of the transportation infrastructure is the smoothness of its highways. Using a national standard, 99 percent of Nebraska's Interstate highways were rated smooth, as were 92 percent of its other principal arterials (rural). The comparable national figures were both 94 percent. Within the region, in terms of smoothness, Nebraska's highways ranked relatively high. The smoothness of Nebraska's highways has been increasing steadily over the years. In 2004, 90 percent of the Interstate highways and 85 percent of other principal arterials (rural) were rated as smooth.

In terms of cost effectiveness, Nebraska's state highway system ranked 7th in the nation in 2007. North Dakota, Kansas, Wyoming, and South Dakota also ranked among the top ten state highway systems. This measure was developed by the Reason Foundation.

The Federal Highway Administration reported that 3,924 bridges in Nebraska were rated as deficient.

Accidents

The number of railroad accidents ranked high in Nebraska. For 2008, Nebraska's 311 railroad accidents ranked 9th nationally. In 2008, Nebraska recorded 1.09 traffic fatalities per 100million vehicle miles traveled. This was below the national average of 1.25 traffic fatalities and was 2nd in the region, behind Minnesota.

Transportation Access

One measure of transportation access is the number and location of rural transit services. In FY 2009, there were about 8.2 million vehicle miles traveled with nearly 6.3 million passenger boardings. The average cost per mile was \$2.86, but the average passenger revenue per mile was 0.28. This resulted in a revenue/cost ratio of 11.1 percent.

Another measure of transportation access is air line passenger boarding. In 2008, there were more than 2.3 million passenger boardings in Nebraska. The majority (90 percent) was from Eppley Airfield, and 7 percent was from Lincoln Airport. Overall passenger boardings were down 1.6 percent between 2007 and 2008.

Almost no residents of Nebraska or its neighboring states took public transportation to work. In 2008, this amounted to 0.7 percent of all commuters and ranked 43rd nationally. North Dakota, South Dakota, and Kansas recorded lower rates than Nebraska.

Transportation Stability

On a per capita basis, Nebraska spent relatively more for highways than the rest of the nation. In 2006-07 local highway spending was \$258.05 per capita and \$316.85 per capita at the state level. The comparable national numbers were \$189.31 and 296.02 respectively. Nebraska's per capita highway spending ranked 12th for local spending and 24th for state spending. Within the region, only two states had lower per capita local spending, and two states had lower per capita state spending.

Nebraska Legislative Planning Database - Transportation

Transportation Infrastructure

Highway Smoothness: 2008

(Percent of miles with an IRI of less than or equal to 144 inches per mile)

Interstate (Rural and Urban)

State	Percent of Miles
United States	94%
Kansas	100%
North Dakota	100%
Nebraska	99%
Missouri	99%
Wyoming	99%
South Dakota	98%
Iowa	92%
Colorado	90%
Minnesota	88%

Other Principal Arterials (Rural)

State	Percent of Miles
United States	94%
Kansas	99%
Wyoming	96%
Missouri	94%
Nebraska	92%
Colorado	92%
Minnesota	92%
North Dakota	92%
South Dakota	92%
Iowa	79%

Highway Smoothness: Nebraska (2004-08)

(Percent of miles with an IRI of less than or equal to 144 inches per mile)

Interstate (Rural and Urban)

Year	Percent of Miles
2004	90%
2005	91%
2006	96%
2007	96%
2008	99%

Other Principal Arterials (Rural)

Year	Percent of Miles
2004	85%
2005	84%
2006	88%
2007	92%
2008	92%

Cost-Effectiveness Ranking of State Highway System: All states: 2007

Source: 18th Annual Report on the Performance of State Highway Systems (1984-2007/8), Reason Foundation (<http://reason.org/news/show/18th-annual-highway-report.html>)

State	Overall Cost-Effectiveness Rank
North Dakota	1
Kansas	3
Wyoming	6
Nebraska	7
South Dakota	8
Minnesota	15
Missouri	23
Iowa	29
Colorado	33

Deficient Bridges: 2009

Source: Federal Highway Administration, U.S. Department of Transportation
(<http://www.fhwa.dot.gov/bridge/deficient.cfm>)

State	Deficient Bridges	Deficient Bridges (Percent of Total)
United States	29,193	
Wyoming	671	0.5%
North Dakota	933	0.6%
Colorado	1,459	1.0%
South Dakota	1,469	1.0%
Minnesota	1,601	1.1%
Nebraska	3,924	2.6%
Kansas	5,153	3.5%
Iowa	6,678	4.5%
Missouri	7,305	4.9%

Accidents

Railroad Accidents and Incidents: 2008

Source: U.S. Department of Transportation, Federal Railroad Administration

State	Accidents	Percent of US	Rank
United States	12,648		
Nebraska	311	2.5%	9
Missouri	286	2.3%	11
Minnesota	270	2.1%	13
Kansas	266	2.1%	14
Iowa	264	2.1%	15
Colorado	198	1.6%	25
Wyoming	132	1.0%	34
North Dakota	107	0.8%	36
South Dakota	49	0.4%	45

Traffic Fatality Rate Per 100 Million Vehicle Miles Traveled: 2008

Source: U.S. Department of Transportation, Federal Highway Administration
(<http://www.fhwa.dot.gov/policyinformation/statistics/2008/fi30.cfm>)

State	Fatality Rate Per 100 Million VMT	Rank
United States	1.25	
Minnesota	0.79	2
Nebraska	1.09	20
Colorado	1.15	22
Kansas	1.30	26
South Dakota	1.32	27
North Dakota	1.33	28
Iowa	1.34	29
Missouri	1.41	34
Wyoming	1.68	44

Transportation Access

Number and Location of Subsidized Rural Transit Services: Nebraska: FY-2009

Applicant	Number of Vehicles	Vehicle Miles Traveled	Passenger Boardings	Cost Per Mile (\$)	Passenger Revenue Per Mile (\$)	Revenue Cost Ratio (%)
Adams Co,	5	62,663	41,042	3.33	0.30	8.9%
Neligh	2	8,708	5,036	4.01	1.07	26.6%
Wolf Memorial	2	17,236	2,910	2.25	0.17	7.6%
Box Butte Co.	5	52,962	27,622	2.24	0.20	8.9%
Com Sen Center- Ainsworth	1	1,630	3,074	3.03	0.27	8.8%
Mid-Neb Comm.	11	219,496	93,561	1.71	0.14	8.4%
Oakland	3	8,908	3,031	1.71	0.14	8.4%
Butler Co.	2	17,978	1,664	1.53	0.21	13.8%
Cedar Co.	2	18,849	1,102	1.35	0.09	6.4%
Chase Co.	3	55,332	26,785	2.25	0.18	7.9%
Sidney	2	23,324	11,762	3.12	0.42	13.6%
Midland AAA	5	46,124	11,063	3.02	0.13	4.2%
Schuyler	1	11,681	6,519	2.5	0.22	8.8%
Broken Bow	1	11,977	3,698	5.79	0.09	1.5%
Crawford	1	9,618	2,332	3.6	0.37	10.4%
Chadron	2	12,483	6,581	4.53	0.05	1.0%
Dawson Co.	2	27,270	23,717	2.85	0.20	7.2%
Chappell Senior Center	3	24,115	9,075	2.07	0.21	10.4%
ENOA	6	117,602	5,498	1.45	0.17	11.7%
Fremont	2	29,420	3,058	2.38	0.11	4.4%
Benkelman	1	5,415	6,694	5.35	0.50	9.3%
Fillmore Co.	4	30,706	8,856	2.78	0.33	11.8%
Cambridge Memorial Hosp.	1	29,272	1,620	1.19	0.14	11.6%
AAA	17	161,463	61,780	2.28	0.36	15.9%
Burwell	5	79,477	3,382	0.7	0.13	18.3%
Grant Co.	1	11,797	568	0.79	0.14	17.6%
Hall County	7	162,048	39,385	1.68	0.19	11.5%
Hamilton Co.	3	13,805	5,215	3.67	0.30	8.1%
Harlan Co.	2	3,528	2,199	11.41	0.26	2.3%
Hitchcock Co.	3	58,835	2,468	0.91	0.11	12.0%
Atkinson	1	2,696	163	2.15	0.07	3.1%
St. Anthony's Hospital	3	36,458	10,028	1.85	0.33	18.1%
Hooker Co.	1	28,922	1,692	0.66	0.13	20.3%
Tecumseh	1	16,188	5,768	2.92	0.22	7.6%
Ogallala	3	50,686	29,713	2.82	0.82	29.1%
Klmball Co.	1	10,817	7,634	3.41	0.29	8.4%

Memorial	2	25,667	1,448	1.64	0.09	5.4%
Lancaster Co.	2	26,385	2,072	2.62	0.17	6.6%
North Platte	6	107,285	58,479	3.22	0.47	14.6%
Comm. Concern						
- Norfolk	3	89,636	23,204	2.02	0.60	29.9%
Central City	2	20,330	8,335	2.74	0.19	7.1%
Morrill Co.	1	14,663	1,706	3.15	0.05	1.6%
Fullerton	1	11,921	610	2.27	0.23	10.1%
Pawnee Co.	1	3,709	1,969	4.89	0.38	7.7%
Perkins Co.	2	5,720	2,451	10.39	0.54	5.2%
Phelps Co.	4	38,872	20,059	3	0.45	14.9%
Columbus	3	51,946	17,256	3.12	0.40	12.8%
McCook	1	18,414	7,371	4.76	0.29	6.1%
Richardson Co.	2	14,313	6,020	3.61	0.45	12.4%
Rock Co.	1	15,962	684	0.94	0.07	7.5%
SCAT	7	108,285	7,989	1.52	0.18	11.8%
Saunders Co.	1	18,003	2,233	4.56	0.09	2.0%
Scotts Bluff	9	159,653	40,284	1.61	0.19	11.5%
Seward Co.	1	31,627	3,705	1.72	0.14	8.3%
Sheridan Co.	1	21,026	3,429	1.6	0.02	1.2%
Loup City	1	7,498	1,430	4.05	0.45	11.2%
Valley Co.	4	95,638	7,123	1.34	0.19	14.0%
City of Wayne	2	14,361	7,521	3.99	0.69	17.3%
Webster Co.	5	45,122	13,540	1.33	0.25	18.9%
Village of Guide						
Rock	1	19,516	1,232	0.97	0.24	25.0%
York Co.	3	31,213	8,323	2.83	0.38	13.4%
Wakefield	2	7,728	1,541	2.04	0.46	22.5%
South Sioux City	1	73,683	59,607	0.97	0.03	3.6%
MAT	165	3,629,246	3,649,257	6.51	1.06	16.3%
LaVista	3	31,389	4,131	1.61	0.23	14.3%
Star Tran	69	1,851,135	1,807,311	4.91	0.80	16.3%
Bellevue	5	75,605	13,366	3.3	0.26	7.8%
Papillion	1	28,795	5,728	1.64	0.20	11.9%
Total	427	8,173,835	6,265,709			

Passenger Boarding (Enplanement) for Nebraska: 2008

Source: U.S. Department of Transportation, Federal Aviation Administration
(http://www.faa.gov/airports/planning_capacity/passenger_allcargo_stats/passenger/index.cfm?year=2008)

National Rank	City	Airport Name	CY 08 Boardings	CY 07 Boardings	Percentage Change
64	Omaha	Eppley Airfield	2,136,880	2,162,954	-1.21%
190	Lincoln	Lincoln	163,177	170,105	-4.07%
383	Kearney	Kearney Regional	11,956	12,707	-5.91%
398	Scottsbluff	B. Heilig Field	10,608	11,973	-11.40%
406	North Platte	Bird Field	10,288	11,173	-7.92%
424	Grand Island	Central Nebraska Regional	7,961	9,159	-13.08%
574	Chadron	Chadron Municipal	2,152	2,457	-12.41%
605	McCook	McCook Ben Nelson Regional	1,848	3,031	-39.03%
614	Alliance	Alliance Municipal	1,786	2,010	-11.14%
653	Omaha	Offutt AFB	1,293	1,189	8.75%
971	Omaha	Millard	118	11	972.73%
1131	Valentine	Miller Field	51	13	292.31%
1222	Holdrege	Brewster Field	36	3	1100.00%
1235	Ogallala	Searle Field	34	4	750.00%
1271	Ord	Evelyn Sharp Field	30	0	0.00%
1326	Ainsworth	Ainsworth Municipal	24	5	380.00%
1345	Blair	Blair Municipal	23	11	109.09%
1354	Norfolk	Karl Stefan Memorial	23	26	-11.54%
1374	Sidney	Field	22	15	46.67%
1453	Columbus	Columbus Municipal	17	15	13.33%
1481	Lexington	Jim Kelly Field	15	0	0.00%
1507	Bassett	Rock County	14	0	0.00%
1544	Burwell	Cram Field	12	0	0.00%
1545	Albion	Albion Municipal	12	30	-60.00%
1569	Superior	Superior Municipal	11	2	450.00%
1696	Hastings	Hastings Municipal	8	0	0.00%
1733	Fremont	Fremont Municipal	7	0	0.00%
1940	O'Neill	Field	4	32	-87.50%
2151	Theadford	Thomas County	2	0	0.00%
	Total		2,348,412	2,386,925	-1.61%

Percent of Commuters Traveled to Work by Public Transportation: 2008

Source: U.S. Census Bureau, 2008 American Community Survey

State	Percent of Total Commuters	Rank
Colorado	3.44%	16
Minnesota	3.43%	17
Missouri	1.63%	27
Wyoming	1.25%	30
Iowa	1.21%	31
Nebraska	0.72%	43
North Dakota	0.63%	45
South Dakota	0.54%	46
Kansas	0.51%	48

Transportation Sustainability

Local Highway Spending Per Capita: 2006-07

Source: The Per Capita figures are calculated based on the data from 2007 Census of Government Finance and 2000 Population Estimates, U.S. Census Bureau

State	Per capita Highway Spending	Rank
United States	\$189.31	
Minnesota	\$400.81	2
Wyoming	\$363.84	3
North Dakota	\$359.16	4
South Dakota	\$318.81	6
Iowa	\$290.20	8
Colorado	\$280.52	9
Nebraska	\$258.05	12
Kansas	\$215.95	17
Missouri	\$188.21	26

State Highway Spending Per Capita: All states: 2006-07

Source: The Per Capita figures are calculated based on the data from 2007 Census of Government Finance and 2000 Population Estimates, U.S. Census Bureau

State	Per capita Highway Spending	Rank
United States	\$296.02	
Wyoming	\$796.28	2
South Dakota	\$616.33	3
North Dakota	\$581.50	5
Kansas	\$387.98	14
Iowa	\$337.75	20
Missouri	\$320.54	23
Nebraska	\$316.85	24
Minnesota	\$222.41	43
Colorado	\$165.16	49

