

# Nebraska Safety Belt Use **2017 Report**

A Report for the  
Nebraska Department of Transportation  
Highway Safety Office

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## Estimates of Safety Belt and Child Restraint Use in Nebraska for 2017

This report presents estimates of safety belt use for the year 2017. Data were gathered according to the National Highway Traffic Safety Administration work plan approved in 2016.

Part A of this report presents estimates of belt use for the state of Nebraska and Part B presents the safety belt use data collected at each site and the weights used to estimate state use rates.

### Part A:

**Table 1. 2017 Nebraska Safety Belt Use**

<b>Drivers/Passengers</b>	<b>N</b>	<b>2017 Belted Estimate (S.E in Parentheses)</b>	<b>95% CI Lower</b>	<b>95% CI Upper</b>
Total Sample	13,601	0.859 (0.010)	0.837	0.882
Drivers	10,238	0.851 (0.009)	0.831	0.871
Passengers	3,363	0.889 (0.017)	0.853	0.924

**Table 2. Safety Belt Use - 2017 and 2016**

<b>Drivers//Passengers</b>	<b>2017 Belted Estimate (S.E in Parentheses)</b>	<b>2016 Belted Estimate (S.E in Parentheses)</b>
Total Sample	0.859 (0.010)	0.833 (0.019)
Drivers	0.851 (0.009)	0.832 (0.017)
Passengers	0.889 (0.017)	0.831 (0.028)

**Table 3. Weighted Belt Use by County**

<b>County</b>	<b>N (2017)</b>	<b>2017 Belted Estimate</b>	<b>2016 Belted Estimate</b>
Buffalo	1,012	0.832	0.832
Cheyenne	648	0.908	NA*
Dodge	881	0.855	0.771
Douglas	4,347	0.869	0.879
Holt	543	0.781	NA*
Lancaster	2,335	0.860	0.803
Otoe	1231	0.921	NA*
Sarpy	967	0.882	0.865
Seward	1,637	0.873	NA*

\*Not part of previous year's sample

**Table 4. Unweighted Belt Use by Road Types (descriptive only)**

<b>Road Type</b>	<b>N (2017)</b>	<b>2017 Belted Estimate</b>	<b>2016 Belted Estimate</b>
Highway	5,105	0.927	0.935
Arterial	5,526	0.868	0.835
Local	2,970	0.872	0.863

**Part B:****Data Collected at Observation Sites**

<b>Site ID</b>	<b>Site Type</b>	<b>Weight</b>	<b>Total Drivers</b>	<b>Total Passengers</b>	<b>Status Unknown</b>	<b>Total Front Passengers</b>	<b>Total Belted</b>	<b>Total Unbelted</b>
37264	Original	93.594908	195	55	0	250	239	11
41536	Original	142.27813	41	11	0	52	41	11
44089	Original	239.75153	111	40	0	151	138	13
44284	Original	668.18059	42	9	0	51	41	10
45087	Original	3586.2841	192	51	0	243	199	44
50327	Original	328.24842	184	81	0	265	241	24
94102	Original	96.579442	111	52	2	163	156	7
95099	Original	257.84903	38	8	0	46	39	7
95298	Original	262.8027	78	35	0	113	109	4
96237	Original	625.84753	87	35	0	122	112	10
96863	Original	193.8811	90	34	0	124	116	8
97446	Original	564.32045	62	18	0	80	67	13
165746	Original	9203.2875	97	17	0	114	97	17
166684	Original	272.64764	38	11	0	49	40	9
170149	Original	114.89744	116	46	2	162	152	10
170151	Original	259.64951	190	76	1	266	232	34
171329	Original	362.35499	64	15	0	79	70	9
171331	Original	125.84277	154	57	3	211	190	21
173611	Original	1170.8017	37	7	0	44	39	5
175327	Alternative	2120.2482	26	4	0	30	21	9
177424	Original	2190.2503	215	29	3	244	211	33
180335	Original	31.860084	595	129	4	724	641	83
180595	Alternative	1342.154	58	18	0	76	63	13
182093	Alternative	1332.2348	69	30	0	99	90	9
183423	Original	931.64952	45	13	0	58	49	9
185323	Original	684.58936	75	17	0	75	67	8

<b>Site ID</b>	<b>Site Type</b>	<b>Weight</b>	<b>Total Drivers</b>	<b>Total Passengers</b>	<b>Status Unknown</b>	<b>Total Front Passengers</b>	<b>Total Belted</b>	<b>Total Unbelted</b>
185414	Alternative	1363.0851	30	3	0	30	26	4
188307	Alternative	52.855175	52	10	2	52	45	7
188858	Original	1859.9395	361	62	0	361	307	54
189406	Original	12.731721	826	194	3	826	730	96
189755	Original	17.290018	514	165	0	514	480	34
192400	Original	1001.6881	264	91	2	264	220	44
193463	Original	355.8749	40	5	0	40	34	6
196576	Original	443.89656	181	17	1	181	161	20
199118	Original	1553.3413	350	77	0	350	323	27
202871	Original	44.157139	379	61	0	379	335	44
293869	Original	1125.6577	27	2	0	27	20	7
294531	Original	331.5218	54	10	0	54	45	9
294921	Original	992.04691	109	20	0	109	94	15
295325	Original	1153.9129	109	23	0	109	95	14
300349	Original	657.33594	39	3	1	39	28	11
300595	Original	4404.2808	205	48	1	205	156	49
343828	Original	844.66218	248	81	0	248	237	11
344110	Original	18.506641	528	151	1	528	499	29
344901	Original	397.29147	139	23	0	139	111	28
345109	Original	4377.2384	88	15	0	88	76	12
346514	Original	70.340081	95	26	1	95	83	12
347102	Alternative	618.77101	112	25	0	112	94	18
348644	Original	868.64774	669	213	1	669	560	109
356842	Alternative	1713.538	69	17	0	69	60	9
357182	Original	2081.2509	44	12	0	44	35	9
357853	Original	69.884478	284	63	0	284	272	12
359044	Original	1070.6184	26	3	0	29	24	5
361212	Original	217.11306	28	2	0	30	22	8

Site ID	Site Type	Weight	Total Drivers	Total Passengers	Status Unknown	Total Front Passengers	Total Belted	Total Unbelted
422632	Alternative	464.98198	278	150	0	428	414	14
423635	Original	228.47031	158	97	0	255	239	16
423692	Original	350.90852	162	90	2	252	238	14
427655	Original	1490.6404	117	63	0	180	163	17
428476	Alternative	498.94402	38	12	0	50	42	8
430634	Alternative	1337.5211	51	15	0	66	56	10
486185	Alternative	1607.2184	45	8	0	53	51	2
489051	Original	3979.4474	33	5	0	38	35	3
491854	Original	516.06094	263	95	0	358	340	18
493123	Alternative	3159.7604	77	7	0	84	70	14
501891	Alternative	4850.4548	173	51	1	224	197	27
502519	Original	493.67645	166	44	0	210	164	46
536431	Original	124.84078	140	20	1	160	141	19
537005	Original	648.5101	175	31	0	206	146	60
537759	Original	127.20396	158	45	0	203	187	16
539367	Original	411.86354	310	123	1	433	408	25
540415	Original	291.84866	358	165	0	523	500	23
540780	Alternative	626.67782	90	22	0	112	91	21

Standard Error of Statewide Belt Use Rate: 1.0%

Nonresponse Rate, as Provided in Section 1340.9

Nonresponse Rate for the Survey Variable Seat Belt Use: 0

Note: Most highway maintenance work in Nebraska is carried out in the summer months, sometimes making surveys at the original sites impossible hence the use of alternative sites. Site ID for alternative sites refer to originally sampled site