

Nebraska Safety Belt Use **2018 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 2018

This report presents estimates of safety belt use for the year 2018. 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. Nebraska Safety Belt Use

Sample Division	N	2018 Belted Estimate (S.E in Parentheses)	95% CI Lower	95% CI Upper
Total Sample	13704	0.855 (0.012)	0.829	0.881
Drivers	10171	0.849 (0.014)	0.819	0.879
Passengers	3533	0.873 (0.023)	0.825	0.921

Table 2. Safety Belt Use 2018, 2017 & 2016

Sample Division	2018 Belted Estimate (S.E in Parentheses)	2017 Belted Estimate (S.E in Parentheses)	2016 Belted Estimate (S.E in Parentheses)
Total Sample	0.855 (0.012)	0.859 (0.010)	0.833 (0.019)
Drivers	0.849 (0.014)	0.851 (0.009)	0.832 (0.017)
Passengers	0.873 (0.023)	0.889 (0.017)	0.831 (0.028)

Table 3. Weighted Belt Use By County—Percent Belted

County	N (2018)	2018 Belted Estimate	2017 Belted Estimate
Buffalo	960	0.869	0.832
Cheyenne	621	0.868	0.908
Dodge	1232	0.860	0.855
Douglas	4042	0.846	0.869
Holt	565	0.777	0.781
Lancaster	2527	0.887	0.860
Otoe	1132	0.897	0.921
Sarpy	994	0.881	0.882
Seward	1462	0.902	0.873

Table 4. Unweighted Belt use By Road Types (descriptive only)

Sample Division	N (2018)	2018 Belted Estimate	2017 Belted Estimate
Highway	4731	0.923	0.927
Arterial	6034	0.870	0.868
Local	2939	0.870	0.872

Part B: 2018**Data Collected at Observation Sites**

Site ID	Site Type	Weight	Total Drivers	Total Passengers	Status Unknown	Total Front Passengers	Total Belted	Total Unbelted
37264	Original	93.594908	224	70	0	294	273	21
41536	Alternative	142.27813	34	9	0	43	36	7
44089	Original	239.75153	117	48	0	165	154	11
44284	Original	668.18059	34	12	0	46	40	6
45087	Original	3586.2841	211	58	0	269	206	63
50327	Original	328.24842	215	97	1	312	294	18
94102	Original	96.579442	86	31	0	117	109	8
95099	Original	257.84903	43	12	0	55	49	6
95298	Original	262.8027	78	30	1	108	102	6
96237	Original	625.84753	56	15	0	71	64	7
96863	Original	193.8811	86	30	0	116	111	5
97446	Original	564.32045	131	23	0	154	122	32
165746	Original	9203.2875	150	41	0	191	164	27
166684	Original	272.64764	31	9	0	40	36	4
170149	Original	114.89744	130	33	2	163	143	20
170151	Original	259.64951	268	110	0	378	331	47
171329	Original	362.35499	85	17	0	102	83	19
171331	Original	125.84277	262	96	0	358	326	32
173611	Original	1170.8017	29	5	0	34	27	7
175327	Alternative	2120.2482	39	7	0	46	36	10
177424	Original	2190.2503	154	55	0	209	175	34
180335	Original	31.860084	464	104	1	568	477	91
180595	Alternative	1342.154	127	51	0	178	152	26
182093	Original	1332.2348	73	35	0	108	92	16
183423	Alternative	931.64952	49	12	0	61	53	8

Site ID	Site Type	Weight	Total Drivers	Total Passengers	Status Unknown	Total Front Passengers	Total Belted	Total Unbelted
185323	Alternative	684.58936	44	11	0	55	50	5
185414	Alternative	1363.0851	45	12	2	57	53	4
188307	Alternative	52.855175	38	12	0	50	46	4
188858	Original	1859.9395	277	72	0	349	279	70
189406	Original	12.731721	397	157	2	554	505	49
189755	Original	17.290018	477	250	0	727	666	61
192400	Original	1001.6881	203	89	0	292	261	31
193463	Original	355.8749	31	5	0	36	33	3
196576	Original	443.89656	231	23	0	254	226	28
199118	Original	1553.3413	78	15	0	93	83	10
202871	Original	44.157139	287	84	0	371	330	41
293869	Original	1125.6577	28	8	0	36	28	8
294531	Original	331.5218	54	14	0	68	61	7
294921	Original	992.04691	87	30	0	117	99	18
295325	Original	1153.9129	103	28	0	131	112	19
300349	Original	657.33594	32	6	0	38	35	3
300595	Original	4404.2808	142	33	0	175	130	45
343828	Original	844.66218	150	63	0	213	200	13
344110	Original	18.506641	459	254	1	713	664	49
344901	Original	397.29147	108	21	2	129	114	15
345109	Original	4377.2384	73	15	0	88	82	6
346514	Original	70.340081	37	20	0	57	45	12
347102	Original	618.77101	71	13	0	84	72	12
348644	Original	868.64774	525	249	0	774	661	113
356842	Original	1713.538	60	10	0	70	61	9
357182	Original	2081.2509	25	12	0	37	33	4
357853	Original	69.884478	221	63	0	284	271	13

Site ID	Site Type	Weight	Total Drivers	Total Passengers	Status Unknown	Total Front Passengers	Total Belted	Total Unbelted
359044	Original	1070.6184	29	7	0	36	30	6
361212	Original	217.11306	38	4	0	42	34	8
422632	Original	464.98198	260	126	0	386	372	14
423635	Original	228.47031	129	67	0	196	187	9
423692	Original	350.90852	151	65	3	216	200	16
427655	Original	1490.6404	109	50	0	159	135	24
428476	Original	498.94402	52	18	0	70	50	20
430634	Original	1337.5211	70	35	0	105	95	10
486185	Alternative	1607.2184	61	17	0	78	72	6
489051	Alternative	3979.4474	59	7	0	66	63	3
491854	Original	516.06094	194	52	1	246	229	17
493123	Alternative	3159.7604	86	9	0	95	76	19
501891	Alternative	4850.4548	209	56	0	265	233	32
502519	Original	493.67645	211	33	0	244	206	38
536431	Original	124.84078	119	36	0	155	135	20
537005	Original	648.5101	148	39	0	187	152	35
537759	Original	127.20396	157	54	0	211	195	16
539367	Original	411.86354	233	95	0	328	314	14
540415	Original	291.84866	245	119	0	364	350	14
540780	Original	626.67782	152	65	0	217	191	26

Standard Error of State-Wide Belt Use Rate: 1.2%

Nonresponse Rate, as provided in section 1340.9

Nonresponse rate for the survey variable seat belt use: 0.12% (n=16)

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.