



**Office of Operations and Safety Bureau
State Highway Safety Office
Behavioral Safety Unit**

Agency of Transportation

Dill Building, Unit A
2178 Airport Road
Berlin, VT 05641
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October 3, 2022

Please see the Vermont safety belt use survey report for 2022.

VT gained 1.2 percentage point. This rate went up this year. The Annual Seat Belt Survey is typically performed 2 weeks after Click It Or Ticket each summer. This 2022 (90.4%) result is consistent with the 2019 (89.3%), 2020 (88.8%) and 2021 (89.2%) seat belt compliance rates.

Next survey will be on the new sites, there is a level of randomness that could impact next year's use rate in either direction.

General information: PRG's team of trained seat belt observers are stationed at pre-determined, NHTSA approved sites around our state for two weeks. The PRG observers only look at front onboard passengers and they document what they see by Site ID, Date, Weight of the sample is assigned, Number of Drivers/Passengers, Belted, Unbelted and Unknown belt use in 60 minute long intervals during daylight hours. The observers also document gender, vehicle type and time of day. That detailed information will be included in the final report this fall. PRG has split the state into 7 County groups and within those County groups there are 82 observations sites where they collected an approximate 11,000 sample size of total front seat occupants. In 2019 a weighted system was introduced by the PRG Statisticians, and approved by NHTSA, to make adjustments to VMTs because we are a rural state. This weight allowed more observation sites to qualify under NHTSA's methodology.

The report will follow but likely not until October or November (which is well ahead of the timeline).

Thank you.

Sue McAvoy
Highway Safety Program Coordinator
Susan.McAvoy@vermont.gov



Vermont Seat Belt Use Survey Reporting Form



Part A:*

State: VERMONT
 Calendar Year of Survey: 2022 (June)
 Statewide Seat Belt Use Rate: 90.4%

I hereby certify that:

Joe Flynn has been designated by the Governor as the State's Highway Safety Representative (GR), and if applicable, the GR has delegated the authority to sign the certification in writing to Allison Laflamme, the Administrator of the State Highway Safety Office.

The reported Statewide seat belt use rate is based on a survey design that was approved by NHTSA, in writing, as conforming to the Uniform Criteria for State Observational Surveys of Seat Belt Use, 23 CFR Part 1340.

The survey design has remained unchanged since the survey was approved by NHTSA.

Neil K. Chaudhary, Ph.D., a qualified survey statistician, has reviewed the seat belt use rate reported above and information reported in Part B and has determined that they meet the Uniform Criteria for State Observational Surveys of Seat Belt Use, 23 CFR Part 1340.

Signature:

Date:

Printed Name:

DocuSigned by:

Joe Flynn
 107572022

Joe Flynn

* To be completed by the GR or, if applicable, the Coordinator of the State Highway Safety Office.

Part B:

Statewide standard error:	<u>0.815%</u>	Statewide Total	Numbers of Occupants ...			Percent Unkn Use
		Drivers:	7,843	1,085	1	0.011%
Nonresponse rate:	<u>0.018%</u>	Passengers:	1,902	203	1	0.047%
		Total:	9,745	1,288	2	0.018%

Site ID	Orig/Alt-Repl	Date Observed	Selection Prob.	Belt Use Weight	Total Number of ...		Numbers of Occupants ...		
					Drivers	Qual Psgrs	Belted	Unbelted	Unkn Use
1101	Orig	6/3/2022	0.82269	0.00017	75	18	86	7	0
1102	Orig	6/3/2022	1.00000	0.00017	64	11	67	8	0
2101	Orig	6/3/2022	0.41162	0.03073	63	16	72	7	0
2102	Orig	6/5/2022	0.16453	0.03073	79	44	112	11	0
3101	Orig	6/16/2022	1.00000	0.00305	45	14	58	1	0
3102	Orig	6/16/2022	0.75308	0.00305	126	31	152	5	0
4101	Orig	6/16/2022	0.40602	0.00970	110	20	119	11	0
4102	Orig	6/3/2022	0.64583	0.00970	14	1	14	1	0
5101	Orig	6/16/2022	1.00000	0.00009	23	5	26	2	0
5102	Orig	6/5/2022	1.00000	0.00009	20	10	28	2	0
6101	Orig	6/5/2022	0.69805	0.01409	32	10	38	4	0
6102	Orig	6/14/2022	0.65637	0.01409	274	27	295	6	0
7101	Orig	6/11/2022	0.06320	0.11930	269	100	362	7	0
7102	Orig	6/11/2022	0.12110	0.11930	159	55	210	4	0
1201	Orig	6/8/2022	0.09156	0.01325	97	23	115	5	0
1202	Orig	6/8/2022	0.18247	0.01325	150	33	173	10	0
2201	Orig	6/14/2022	0.09144	0.01818	189	22	205	6	0
2202	Orig	6/7/2022	0.02504	0.01818	297	100	315	82	0
3201	Orig	6/7/2022	0.32106	0.00100	127	15	105	37	0
3202	Orig	6/8/2022	1.00000	0.00100	75	12	84	3	0
4201	Orig	6/14/2022	0.05912	0.00361	118	28	139	7	0
4203	Spare	6/7/2022	0.22106	0.00361	119	19	105	33	0
5201	Orig	6/8/2022	0.10867	0.01254	119	9	123	5	0
5202	Orig	6/7/2022	0.09810	0.01254	45	6	42	9	0
6201	Orig	6/14/2022	0.37726	0.00617	110	19	123	6	0
6202	Orig	6/8/2022	0.09954	0.00617	67	13	74	6	0
7201	Orig	6/11/2022	0.07212	0.02617	28	11	37	2	0
7202	Orig	6/11/2022	0.10219	0.02617	32	6	35	3	0

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					Drivers	Qual Psgrs	Belted	Unbelted	Unkn Use
1301	Orig	6/4/2022	0.06473	0.00692	215	81	247	49	0
1302	Orig	6/3/2022	0.04365	0.00692	193	36	196	33	0
1303	Orig	6/3/2022	0.09913	0.00692	185	25	165	45	0
2301	Orig	6/3/2022	0.04928	0.01106	159	25	158	26	0
2302	Orig	6/5/2022	0.03812	0.01106	64	11	52	23	0
2303	Orig	6/6/2022	0.22430	0.01106	104	16	91	28	1
3301	Orig	6/4/2022	0.07797	0.00239	200	52	202	50	0
3302	Orig	6/6/2022	0.12467	0.00239	114	20	94	40	0
3303	Orig	6/4/2022	0.10200	0.00239	67	22	59	30	0
4301	Orig	6/5/2022	0.08440	0.00444	38	6	30	13	1
4302	Orig	6/4/2022	0.07797	0.00444	159	16	129	46	0
4303	Orig	6/3/2022	0.06939	0.00444	114	15	110	19	0
5301	Orig	6/7/2022	0.17903	0.00201	20	1	12	9	0
5302	Orig	6/6/2022	0.34617	0.00201	19	3	14	8	0
5303	Orig	6/3/2022	0.16415	0.00201	70	15	68	17	0
6301	Orig	6/6/2022	0.04414	0.01324	31	5	19	17	0
6302	Orig	6/4/2022	0.00474	0.01324	61	15	53	23	0
6303	Orig	6/10/2022	0.07207	0.01324	82	38	118	2	0
7301	Orig	6/9/2022	0.13141	0.02389	34	11	41	4	0
7302	Orig	6/9/2022	0.05572	0.02389	88	19	99	8	0
7303	Orig	6/10/2022	0.03432	0.02389	134	33	158	9	0
1401	Orig	6/9/2022	0.03500	0.00581	64	13	69	8	0
1402	Orig	6/5/2022	0.01828	0.00581	49	18	49	18	0
1403	Orig	6/5/2022	0.07816	0.00581	52	30	66	16	0
1404	Orig	6/15/2022	0.14849	0.00581	30	12	40	2	0
2401	Orig	6/5/2022	0.15045	0.00718	21	8	23	6	0
2402	Orig	6/9/2022	0.04220	0.00718	37	7	40	4	0
2403	Orig	6/9/2022	0.08509	0.00718	158	35	172	21	0
2404	Orig	6/7/2022	0.12689	0.00718	85	17	91	11	0
3401	Orig	6/6/2022	0.41447	0.00206	193	39	212	20	0
3402	Orig	6/6/2022	0.00772	0.00206	87	22	97	12	0
3403	Orig	6/5/2022	0.10235	0.00206	78	23	91	10	0
3404	Orig	6/7/2022	0.11632	0.00206	232	57	253	36	0
4401	Orig	6/6/2022	0.04931	0.00602	53	18	63	8	0
4402	Orig	6/7/2022	0.08829	0.00602	85	10	85	10	0
4407	Spare	6/7/2022	0.21020	0.00602	17	3	16	4	0
4404	Orig	6/5/2022	0.04417	0.00602	20	8	26	2	0
5401	Orig	6/6/2022	0.08809	0.00298	38	8	34	12	0
5402	Orig	6/6/2022	0.02501	0.00298	58	9	62	5	0
5403	Orig	6/13/2022	0.20441	0.00298	175	43	210	8	0
5404	Orig	6/13/2022	0.10371	0.00298	287	47	324	10	0
6401	Orig	6/10/2022	0.04367	0.00678	53	12	59	6	0
6402	Orig	6/10/2022	0.10782	0.00678	107	23	112	18	0
6403	Orig	6/13/2022	0.26307	0.00678	189	47	186	50	0
6404	Orig	6/14/2022	0.11694	0.00678	172	44	197	19	0
7401	Orig	6/11/2022	0.01248	0.03252	92	38	115	15	0
7402	Orig	6/10/2022	0.07422	0.03252	81	16	91	6	0
7403	Orig	6/6/2022	0.01637	0.03252	90	14	71	33	0
7404	Orig	6/13/2022	0.00718	0.03252	54	8	58	4	0
2501	Orig	6/13/2022	0.24922	0.00450	94	10	101	3	0
2502	Orig	6/15/2022	0.24963	0.01124	292	44	322	14	0
2503	Orig	6/15/2022	0.49344	0.01012	158	23	175	6	0
2504	Orig	6/4/2022	0.95838	0.00112	93	41	120	14	0
2505	Orig	6/4/2022	0.22904	0.00375	135	74	185	24	0
2506	Orig	6/15/2022	0.68649	0.00187	79	23	97	5	0
3501	Orig	6/15/2022	1.00000	0.00127	53	23	71	5	0
3502	Orig	6/3/2022	0.31046	0.00127	54	21	66	9	0
3503	Orig	6/4/2022	0.26468	0.00206	64	29	69	24	0
3504	Orig	6/4/2022	1.00000	0.00070	120	33	134	19	0
3505	Orig	6/4/2022	0.44316	0.00035	24	5	28	1	0
3506	Orig	6/16/2022	0.71965	0.00035	29	8	36	1	0
TOTAL					8,929	2,106	9,745	1,288	2