

2021 RESTRAINT USE FOR REPORTED OCCUPANTS OF MOTOR VEHICLES

2021	RESTRAINT USE AND INJURY EXPERIENCE FOR REPORTED OCCUPANTS OF MOTOR VEHICLES*								% INJURY BY RESTRAINT USE TYPE		
	Total	Fatalities	A Injuries	B Injuries	C Injuries	All (ABC) Injuries	No Injuries	Not Coded	% Total	% Fatalities and A Injuries	% All (ABC) Injuries
No belts available	1,794	9	68	95	230	393	1,392	0	0.3%	1.2%	0.6%
Shoulder only used	2,883	3	29	96	318	443	2,437	0	0.5%	0.5%	0.6%
Lap only used	1,172	1	13	58	120	191	980	0	0.2%	0.2%	0.3%
Both lap & shoulder used	451,515	319	2,962	15,353	37,006	55,321	395,860	15	80.4%	51.1%	80.4%
No belts used	4,816	245	687	868	907	2,462	2,104	5	0.9%	14.5%	3.6%
Child restraint used - forward facing	5,857	3	15	135	496	646	5,208	0	1.0%	0.3%	0.9%
Child restraint not used	164	2	9	30	32	71	91	0	0.0%	0.2%	0.1%
Child restraint used - rear facing	2,592	0	6	27	187	220	2,372	0	0.5%	0.1%	0.3%
Child restraint used - booster seat	2,142	3	6	67	195	268	1,871	0	0.4%	0.1%	0.4%
Restraint failure	110	0	1	13	12	26	84	0	0.0%	0.0%	0.0%
Restraint use unknown	77,098	138	665	1,378	3,527	5,570	26,978	44,412	13.7%	12.5%	8.1%
Helmet worn	2,279	81	498	764	402	1,664	534	0	0.4%	9.0%	2.4%
Helmet not worn	1,754	87	485	594	282	1,361	306	0	0.3%	8.9%	2.0%
Helmet use unknown	295	28	60	74	41	175	92	0	0.1%	1.4%	0.3%
Uncoded & errors	6,829	0	0	3	7	10	70	6,749	1.2%	0.0%	0.0%
Total	561,300	919	5,504	19,555	43,762	68,821	440,379	51,181	100.0%	100.0%	100.0%

*Uninjured occupants are often not reported on the UD-10. In 2021, there were 560,903 persons involved in crashes based on the officer coded "number of occupants in vehicle", and 561,300 person records in the crash file.

INJURY EXPERIENCE FOR VEHICLE OCCUPANTS NOT USING RESTRAINTS

YEAR	REPORTED VEHICLE OCCUPANTS NOT USING RESTRAINTS*				% OF UNRESTRAINED VEHICLE OCCUPANTS			
	Unrestrained Vehicle Occupants	Fatalities	A Injuries	All (ABC) Injuries	% Fatalities	% A Injuries	% Fatalities and A Injuries	% All (ABC) Injuries
2012	10,856	300	936	4,367	2.8%	8.6%	11.4%	40.2%
2013	10,282	268	892	4,145	2.6%	8.7%	11.3%	40.3%
2014	10,668	253	809	3,919	2.4%	7.6%	10.0%	36.7%
2015	11,148	272	897	4,185	2.4%	8.0%	10.5%	37.5%
2016	10,331	295	1,014	4,223	2.9%	9.8%	12.7%	40.9%
2017	8,882	283	1,004	3,851	3.2%	11.3%	14.5%	43.4%
2018	8,358	252	906	3,618	3.0%	10.8%	13.9%	43.3%
2019	8,944	289	956	3,734	3.2%	10.7%	13.9%	41.7%
2020	7,884	317	1,124	4,051	4.0%	14.3%	18.3%	51.4%
2021	8,528	343	1,249	4,287	4.0%	14.6%	18.7%	50.3%

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CHILDREN AGES 0-8 USING CHILD RESTRAINTS IN CRASHES

YEAR	TOTAL REPORTED*		FATALITIES		A INJURIES		ALL (ABC) INJURIES		UNINJURED		INJURY UNKNOWN	
	Used	Not Used	Used	Not Used	Used	Not Used	Used	Not Used	Used	Not Used	Used	Not Used
2012	7,505	194	7	2	28	13	1,046	61	6,452	131	0	0
2013	8,262	201	4	0	39	4	1,086	65	7,172	136	0	0
2014	9,152	259	3	0	37	8	1,093	65	8,059	185	0	0
2015	10,349	329	4	1	29	5	1,160	82	9,189	247	3	0
2016	11,619	233	2	1	51	9	1,413	87	10,140	145	64	0
2017	11,548	172	7	2	39	5	1,373	57	10,153	110	15	3
2018	11,368	203	5	0	26	12	1,188	64	10,161	139	14	0
2019	12,038	136	7	3	34	5	1,344	54	10,685	79	2	0
2020	8,358	167	4	3	24	9	853	61	7,499	103	2	0
2021	10,167	149	6	2	27	9	1,082	65	9,079	82	0	0

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2021 RESTRAINT USE AND DEGREE OF INJURY FOR CHILDREN AGES 0-8 YEARS OLD

2021	RESTRAINT USE AND DEGREE OF INJURY FOR CHILDREN AGES 0-8*								% INJURY BY RESTRAINT USE TYPE		
	Total Reported	Fatalities	A Injuries	B Injuries	C Injuries	All (ABC) Injuries	No Injuries	Not Coded	% Total	% Fatalities and A Injuries	% All (ABC) Injuries
No belts available	139	0	0	5	19	115	0	24	0.9%	0.0%	1.2%
Shoulder only used	86	0	0	1	9	76	0	10	0.6%	0.0%	0.5%
Lap only used	81	0	0	4	12	65	0	16	0.5%	0.0%	0.8%
Both lap & shoulder used	3,801	1	18	116	455	3,211	0	589	24.3%	21.1%	29.3%
No belts used	144	2	8	27	24	82	1	59	0.9%	11.1%	2.9%
Child restraint used - forward facing	5,667	3	15	132	480	5,037	0	627	36.3%	20.0%	31.2%
Child restraint not used	149	2	9	29	27	82	0	65	1.0%	12.2%	3.2%
Child restraint used - rear facing	2,557	0	6	26	183	2,342	0	215	16.4%	6.7%	10.7%
Child restraint used - booster seat	1,943	3	6	59	175	1,700	0	240	12.4%	10.0%	11.9%
Restraint failure	4	0	0	1	0	3	0	1	0.0%	0.0%	0.0%
Restraint use unknown	1,027	1	14	33	110	862	7	157	6.6%	16.7%	7.8%
Helmet worn	8	0	2	2	2	2	0	6	0.1%	2.2%	0.3%
Helmet not worn	4	0	0	1	0	3	0	1	0.0%	0.0%	0.0%
Helmet use unknown	1	0	0	0	0	1	0	0	0.0%	0.0%	0.0%
Uncoded & errors	1	0	0	0	0	0	1	0	0.0%	0.0%	0.0%
Total	15,612	12	78	436	1,496	13,581	9	2,010	100.0%	100.0%	100.0%

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REPORTED INJURED OCCUPANTS WITH AIRBAG DEPLOYMENTS

YEAR	AIRBAG DEPLOYMENTS*						% BY AIRBAG DEPLOYMENT			
	Total Airbag Deployments	Fatalities	A Injuries	B Injuries	C Injuries	All (ABC) Injuries	% Fatalities	% A Injuries	% Fatalities and A Injuries	% All (ABC) Injuries
2012	48,015	336	2,108	6,037	12,410	20,555	0.7%	4.4%	5.1%	42.8%
2013	50,385	356	1,968	6,309	13,089	21,366	0.7%	3.9%	4.6%	42.4%
2014	52,277	338	1,931	6,231	13,759	21,921	0.6%	3.7%	4.3%	41.9%
2015	57,551	365	1,994	6,804	15,646	24,444	0.6%	3.5%	4.1%	42.5%
2016	66,801	380	2,490	8,543	17,374	28,407	0.6%	3.7%	4.3%	42.5%
2017	74,255	423	2,812	9,751	17,879	30,442	0.6%	3.8%	4.4%	41.0%
2018	74,940	434	2,634	9,709	18,096	30,439	0.6%	3.5%	4.1%	40.6%
2019	78,099	450	2,701	9,916	18,604	31,221	0.6%	3.5%	4.0%	40.0%
2020	69,524	451	2,599	8,955	16,302	27,856	0.6%	3.7%	4.4%	40.1%
2021	83,147	499	3,074	11,423	19,640	34,137	0.6%	3.7%	4.3%	41.1%

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2021 AIRBAG DEPLOYMENTS FOR REPORTED OCCUPANTS OF MOTOR VEHICLES

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	Total	Fatalities	A Injuries	B Injuries	C Injuries	All (ABC) Injuries	No Injuries	Not Coded	% Total	% Fatalities and A Injuries	% All (ABC) Injuries
Deployed - front	40,578	208	1,238	5,146	8,805	15,189	25,179	2	7.2%	22.5%	22.1%
Not deployed	395,359	148	1,232	6,247	21,901	29,380	365,800	31	70.4%	21.5%	42.7%
Not equipped	24,317	207	1,072	1,567	1,392	4,031	18,664	1,415	4.3%	19.9%	5.9%
Deployed - side	5,805	18	120	493	1,178	1,791	3,995	1	1.0%	2.1%	2.6%
Deployed - curtain	4,442	11	88	484	973	1,545	2,886	0	0.8%	1.5%	2.2%
Deployed - other	437	1	8	52	95	155	281	0	0.1%	0.1%	0.2%
Deployed - combination	31,885	261	1,620	5,248	8,589	15,457	16,165	2	5.7%	29.3%	22.5%
Unknown	51,780	65	125	316	823	1,264	7,386	43,065	9.2%	3.0%	1.8%
Uncoded & errors	6,697	0	1	2	6	9	23	6,665	1.2%	0.0%	0.0%
Total	561,300	919	5,504	19,555	43,762	68,821	440,379	51,181	100.0%	100.0%	100.0%

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