

2020 RESTRAINT USE FOR REPORTED OCCUPANTS OF MOTOR VEHICLES

2020	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	1,493	5	53	89	199	341	1,146	1	0.3%	1.0%	0.6%
Shoulder only used	2,497	0	26	85	294	405	2,092	0	0.5%	0.4%	0.7%
Lap only used	1,059	3	10	53	118	181	875	0	0.2%	0.2%	0.3%
Both lap & shoulder used	382,469	291	2,585	12,361	31,482	46,428	335,741	9	80.1%	49.7%	79.1%
No belts used	4,473	223	583	851	884	2,318	1,931	1	0.9%	13.9%	3.9%
Child restraint used - forward facing	4,767	2	17	92	366	475	4,289	1	1.0%	0.3%	0.8%
Child restraint not used	178	3	9	20	35	64	111	0	0.0%	0.2%	0.1%
Child restraint used - rear facing	2,150	0	4	29	151	184	1,966	0	0.5%	0.1%	0.3%
Child restraint used - booster seat	1,802	2	6	50	180	236	1,563	1	0.4%	0.1%	0.4%
Restraint failure	109	0	2	7	7	16	93	0	0.0%	0.0%	0.0%
Restraint use unknown	66,520	156	606	1,177	3,126	4,909	21,652	39,803	13.9%	13.2%	8.4%
Helmet worn	2,230	80	491	755	412	1,658	492	0	0.5%	9.9%	2.8%
Helmet not worn	1,740	86	479	580	269	1,328	326	0	0.4%	9.8%	2.3%
Helmet use unknown	270	19	47	65	48	160	90	1	0.1%	1.1%	0.3%
Uncoded & errors	5,577	0	1	1	5	7	29	5,541	1.2%	0.0%	0.0%
Total	477,334	870	4,919	16,215	37,576	58,710	372,396	45,358	100.0%	100.0%	100.0%

*Uninjured occupants are often not reported on the UD-10. In 2020, there were 476,659 persons involved in crashes based on the officer coded "number of occupants in vehicle", and 477,334 person records in the crash file.

Note: Additional child restraint values were added beginning with 2016 data.

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
2011	9,867	215	811	3,781	2.2%	8.2%	10.4%	38.3%
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%

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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
2011	6,585	153	3	1	36	14	1,133	72	5,447	80	2	0
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

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2020 RESTRAINT USE AND DEGREE OF INJURY FOR CHILDREN AGES 0-8 YEARS OLD

2020	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	83	0	1	1	3	78	0	5	0.7%	1.1%	0.3%
Shoulder only used	72	0	1	1	9	61	0	11	0.6%	1.1%	0.7%
Lap only used	93	1	3	8	12	69	0	23	0.7%	4.3%	1.5%
Both lap & shoulder used	3,021	0	20	96	319	2,586	0	435	23.8%	21.7%	27.6%
No belts used	92	2	4	16	21	49	0	41	0.7%	6.5%	2.6%
Child restraint used - forward facing	4,618	2	16	90	358	4,151	1	464	36.4%	19.6%	29.4%
Child restraint not used	167	3	9	20	32	103	0	61	1.3%	13.0%	3.9%
Child restraint used - rear facing	2,130	0	4	29	149	1,948	0	182	16.8%	4.3%	11.5%
Child restraint used - booster seat	1,610	2	4	46	157	1,400	1	207	12.7%	6.5%	13.1%
Restraint failure	7	0	0	0	1	6	0	1	0.1%	0.0%	0.1%
Restraint use unknown	756	4	9	24	96	623	0	129	6.0%	14.1%	8.2%
Helmet worn	10	0	3	2	4	1	0	9	0.1%	3.3%	0.6%
Helmet not worn	11	1	3	4	1	2	0	8	0.1%	4.3%	0.5%
Helmet use unknown	2	0	0	0	1	1	0	1	0.0%	0.0%	0.1%
Uncoded & errors	3	0	0	0	0	2	1	0	0.0%	0.0%	0.0%
Total	12,675	15	77	337	1,163	11,080	3	1,577	100.0%	100.0%	100.0%

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Note: Additional child restraint values were added beginning with 2016 data.

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
2011	45,511	313	1,998	5,817	12,141	19,956	0.7%	4.4%	5.1%	43.8%
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%

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2020 AIRBAG DEPLOYMENTS FOR REPORTED OCCUPANTS OF MOTOR VEHICLES

2020	AIRBAG DEPLOYMENT*								% BY AIRBAG DEPLOYMENT		
	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	36,501	191	1,201	4,382	8,013	13,596	22,712	2	7.6%	24.0%	23.2%
Not deployed	333,603	158	1,144	5,400	19,148	25,692	307,727	26	69.9%	22.5%	43.8%
Not equipped	22,786	187	1,023	1,594	1,367	3,984	17,065	1,550	4.8%	20.9%	6.8%
Deployed - side	4,863	9	87	428	1,020	1,535	3,318	1	1.0%	1.7%	2.6%
Deployed - curtain	3,612	8	84	355	774	1,213	2,391	0	0.8%	1.6%	2.1%
Deployed - other	356	3	9	42	71	122	231	0	0.1%	0.2%	0.2%
Deployed - combination	24,192	240	1,218	3,748	6,424	11,390	12,561	1	5.1%	25.2%	19.4%
Unknown	45,924	74	153	263	754	1,170	6,373	38,307	9.6%	3.9%	2.0%
Uncoded & errors	5,497	0	0	3	5	8	18	5,471	1.2%	0.0%	0.0%
Total	477,334	870	4,919	16,215	37,576	58,710	372,396	45,358	100.0%	100.0%	100.0%

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Note: Airbag deployment is defined as airbag deployed for this seating position. Additional airbag deployment values were added beginning with 2016 data.