

# FARS Acc\_Aux Analytical Users Manual

The Tables in this Manual Contain Fatal Crash Counts

## FARS Acc\_Aux File Variables 2005-2014

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Variable	Description
A_CRAINJ	Crash Injury Type
A_CT	Crash Type
A_D15_19	Involving a Young Driver (Aged 15-19)
A_D15_20	Involving a Young Driver (Aged 15-20)
A_D16_19	Involving a Young Driver (Aged 16-19)
A_D16_20	Involving a Young Driver (Aged 16-20)
A_D16_24	Involving a Young Driver (Aged 16-24)
A_D21_24	Involving a Young Driver (Aged 21-24)
A_D65PLS	Involving an Older Driver (Aged 65+)
A_DIST	Involving a Distracted Driver
A_DOW	Day of Week
A_DROWSY	Involving a Drowsy Driver
A_HR	Involving a Hit and Run
A_INTER	Interstate
A_INTSEC	Intersection
A_JUNC	Junction
A_LT	Involving a Large Truck
A_MANCOL	Manner of Collision
A_MC	Involving a Motorcycle
A_PED	Involving a Pedestrian
A_PEDAL	Involving a Pedalcyclist
A_POLPUR	Involving a Police Pursuit
A_POSBAC	Involving a Driver With Positive BAC
A_RD	Involving a Roadway Departure
A_REGION	NHTSA Region
A_RELRD	Relationship to the Road
A_ROADFC	Roadway Function Class
A_ROLL	Involving a Rollover
A_RU	Rural/Urban
A_SPCRA	Involving Speeding
A_TOD	Time of Day

## FARS Acc\_Aux File Variables 2005-2014

Variable Information: A_CRAINJ				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_CRAINJ	Crash Injury Type	1	Fatal Crash (FARS)	39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989
		2	Estimated Injury Only Crash (GES)	0	0	0	0	0	0	0	0	0	0
		3	Estimated Property Damage Only (PDO) Crash (GES)	0	0	0	0	0	0	0	0	0	0
		4	Estimated Other Crash (Including Estimated Fatal Crashes) (GES)	0	0	0	0	0	0	0	0	0	0
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_CT				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_CT	Crash Type	1	Single-Vehicle Crash	22,678	22,701	22,167	20,644	18,778	18,221	18,065	18,824	18,157	17,885
		2	Two-Vehicle Crash	13,929	13,413	12,849	11,484	10,273	10,267	10,026	10,216	10,118	10,164
		3	More Than Two-Vehicle Crash	2,645	2,534	2,419	2,044	1,811	1,808	1,776	1,966	1,928	1,940
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_D15_19				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	5,638	5,567	5,208	4,336	3,778	3,410	3,146	3,079	2,776	2,821
A_D15_19	Involving a Young Driver (Aged 15-19)	1	Young Driver Involved Crash (Aged 15-19)										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_D15_20				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	7,161	7,180	6,711	5,651	4,962	4,440	4,226	4,179	3,852	3,751
A_D15_20	Involving a Young Driver (Aged 15-20)	1	Young Driver Involved Crash (Aged 15-20)										
2		Other Crash											
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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## FARS Acc\_Aux File Variables 2005-2014

Variable Information: A_D16_19				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	5,479	5,398	5,088	4,210	3,687	3,316	3,095	3,010	2,694	2,742
A_D16_19	Involving a Young Driver (Aged 16-19)	1	Young Driver Involved Crash (Aged 16-19)										
2		Other Crash	33,773										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_D16_20				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	7,004	7,012	6,593	5,527	4,871	4,348	4,176	4,111	3,771	3,673
A_D16_20	Involving a Young Driver (Aged 16-20)	1	Young Driver Involved Crash (Aged 16-20)										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_D16_24				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	12,870	12,795	12,193	10,336	9,035	8,537	8,289	8,456	7,978	7,912
A_D16_24	Involving a Young Driver (Aged 16-24)	1	Young Driver Involved Crash (Aged 16-24)										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_D21_24				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	6,318	6,229	6,031	5,143	4,451	4,440	4,340	4,601	4,457	4,466
A_D21_24	Involving a Young Driver (Aged 21-24)	1	Young Driver Involved Crash (Aged 21-24)										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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## FARS Acc\_Aux File Variables 2005-2014

Variable Information: A_D65PLS				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	5,921	5,666	5,590	5,281	5,096	5,257	5,166	5,440	5,558	5,564
A_D65PLS	Involving an Older Driver (Aged 65+)	1	Older Driver Involved Crash (Aged 65+)										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_DIST				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_DIST	Involving a Distracted Driver	1	Involving a Distracted Driver	4,026	5,245	5,329	5,307	4,908	2,993	3,047	3,098	2,923	2,955
		2	Other Crash	35,226	33,403	32,106	28,865	25,954	27,303	26,820	27,908	27,280	27,034
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_DOW				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_DOW	Day of Week	1	Weekday	22,764	22,149	21,398	19,669	17,708	17,702	17,424	17,999	17,726	17,474
		2	Weekend	16,399	16,413	15,951	14,436	13,089	12,542	12,387	12,943	12,419	12,462
		3	Unknown	89	86	86	67	65	52	56	64	58	53
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_DROWSY				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	1,033	995	926	746	731	764	721	744	714	742
A_DROWSY	Involving a Drowsy Driver	1	Involving a Drowsy Driver										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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## FARS Acc\_Aux File Variables 2005-2014

Variable Information: A_HR				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_HR	Involving a Hit and Run	1	Yes - Hit and Run	1,739	1,686	1,674	1,581	1,220	1,342	1,406	1,469	1,526	1,517
		2	No - Hit and Run	37,513	36,962	35,761	32,591	29,642	28,954	28,461	29,537	28,677	28,472
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_INTER				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_INTER	Interstate	1	Interstate	5,138	4,865	4,646	4,166	3,619	3,748	3,688	3,532	3,650	3,625
		2	Non-Interstate	33,593	33,259	32,533	29,681	27,023	26,191	25,904	27,208	26,405	25,692
		3	Unknown	521	524	256	325	220	357	275	266	148	672
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_INTSEC				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_INTSEC	Intersection	1	Intersection	8,715	8,340	8,252	7,461	6,982	7,073	6,808	7,216	7,006	7,067
		2	Non-Intersection	30,435	30,216	29,146	26,667	23,814	23,168	23,009	23,743	23,144	22,843
		3	Unknown	102	92	37	44	66	55	50	47	53	79
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_JUNC				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_JUNC	Junction	1	Junction	8,715	8,340	8,252	7,461	6,982	7,073	6,808	7,216	7,006	7,067
		2	Non-Junction	28,224	27,975	27,004	24,800	22,144	21,148	20,788	21,351	20,769	20,520
		3	Other	2,221	2,249	2,146	1,871	1,672	2,020	2,221	2,392	2,375	2,323
		4	Unknown	92	84	33	40	64	55	50	47	53	79
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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## FARS Acc\_Aux File Variables 2005-2014

Variable Information: A_LT				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	4,551	4,350	4,204	3,754	2,983	3,271	3,365	3,486	3,554	3,424
A_LT	Involving a Large Truck	1	Large Truck Involved Crash										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_MANCOL				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014										
Variable Name	Variable Description	Attributes	Formatted Values	23,266	23,360	22,813	21,197	19,247	19,130	19,082	19,884	19,229	18,916										
A_MANCOL	Manner of Collision	1	Not Collision with Motor Vehicle in Transport																				
		2	Rear-End											2,429	2,369	2,320	2,127	1,855	1,692	1,808	1,836	1,815	1,966
		3	Head-On											4,024	3,859	3,843	3,228	3,038	2,851	2,737	2,909	2,820	2,866
		4	Angle											8,262	7,900	7,316	6,596	5,730	5,651	5,299	5,401	5,429	5,247
		5	Sideswipe											1,018	945	923	842	808	858	777	805	761	810
		6	Other											176	149	147	138	121	84	106	116	97	99
		7	Unknown											77	66	73	44	63	30	58	55	52	85
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989										

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Variable Information: A_MC				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	4,515	4,750	5,087	5,224	4,387	4,440	4,572	4,895	4,610	4,504
A_MC	Involving a Motorcycle	1	Motorcycle Involved Crash										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_PED				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	4,888	4,762	4,674	4,379	4,098	4,292	4,437	4,777	4,745	4,857
A_PED	Involving a Pedestrian	1	Pedestrian Involved Crash										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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## FARS Acc\_Aux File Variables 2005-2014

Variable Information: A_PEDAL				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	787	772	706	721	633	630	687	740	755	728
A_PEDAL	Involving a Pedalcyclist	1	Pedalcyclist Involved Crash										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_POLPUR				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	318	341	372	292	298	318	280	295	286	325
A_POLPUR	Involving a Police Pursuit	1	Police Pursuit Involved Crash										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_POSBAC				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_POSBAC	Involving a Driver With Positive BAC	1	Driver With Positive BAC Testing Crash	9,773	9,884	10,299	9,763	8,905	8,559	8,119	8,308	7,943	7,374
		2	All Drivers With ZERO BAC Testing Crash	7,583	7,781	8,023	8,062	7,450	8,041	7,747	7,778	7,302	6,757
		3	Unknown BAC Crash	21,896	20,983	19,113	16,347	14,507	13,696	14,001	14,920	14,958	15,858
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_RD				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_RD	Involving a Roadway Departure	1	Yes - Roadway Departure	20,360	20,293	19,845	17,894	17,453	17,114	16,525	17,181	16,585	16,086
		2	No - Roadway Departure	18,892	18,355	17,590	16,278	13,409	13,182	13,342	13,825	13,618	13,903
		3	Not Defined (Only 2004 and Later)	0	0	0	0	0	0	0	0	0	0
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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## FARS Acc\_Aux File Variables 2005-2014

Variable Information: A_REGION				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_REGION	NHTSA Region	1	1 = CT, ME, MA, NH, RI, VT	1,134	1,132	1,095	1,017	919	1,021	885	997	984	842
		2	2 = NJ, NY, PA, PR	3,519	3,467	3,304	3,087	2,762	2,866	2,870	2,860	2,751	2,608
		3	3 = DE, DC, KY, MD, NC, VA, WV	4,264	4,259	4,345	3,846	3,602	3,462	3,403	3,540	3,310	3,244
		4	4 = AL, FL, GA, SC, TN	7,921	7,844	7,541	6,823	6,055	5,911	5,776	5,923	5,706	5,812
		5	5 = IL, IN, MI, MN, OH, WI	5,555	5,227	5,219	4,672	4,092	4,308	4,153	4,400	4,262	4,082
		6	6 = LA, MS, NM, OK, TX	5,976	5,917	5,824	5,644	5,129	4,904	4,905	5,174	5,152	5,324
		7	7 = AR, IA, KS, NE, MO	2,733	2,606	2,485	2,300	2,209	2,185	2,068	2,154	1,950	1,958
		8	8 = CO, NV, ND, SD, WY, UT	1,578	1,562	1,469	1,367	1,221	1,219	1,205	1,249	1,208	1,317
		9	9 = AZ, CA, HI	5,016	5,101	4,668	4,090	3,633	3,308	3,469	3,585	3,735	3,632
		10	10 = AK, ID, MT, OR, WA	1,556	1,533	1,485	1,326	1,240	1,112	1,133	1,124	1,145	1,170
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_RELRD				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_RELRD	Relationship to the Road	1	On Roadway	22,298	21,643	20,852	18,877	16,952	16,988	16,937	17,562	17,388	17,455
		2	Off Roadway/Shoulder	2,731	2,752	2,715	2,716	1,220	683	606	599	583	428
		3	Off Roadway/Median	1,210	1,201	1,120	1,069	966	1,383	1,330	1,236	1,197	1,256
		4	Off Roadway/Other	12,913	12,954	12,683	11,461	11,653	11,196	10,945	11,559	10,980	10,775
		5	Off Roadway (no other details)	0	0	0	0	0	0	0	0	0	0
		6	Other/Unknown	100	98	65	49	71	46	49	50	55	75
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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## FARS Acc\_Aux File Variables 2005-2014

Variable Information: A_ROADFC				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_ROADFC	Roadway Function Class	1	Interstate, principal arterial	5,138	4,865	4,646	4,166	3,619	3,748	3,688	3,532	3,650	3,625
		2	Freeway and expressway, principal arterial	1,589	1,542	1,374	1,372	1,218	1,134	1,185	1,058	966	1,004
		3	Principal arterial, other	9,078	8,959	8,820	8,126	7,788	7,543	7,510	7,913	7,975	7,929
		4	Minor arterial	7,535	7,313	7,093	6,062	5,253	5,474	5,391	6,021	5,729	5,827
		5	Collector	8,048	8,036	7,842	7,083	6,450	5,889	5,799	5,928	5,410	5,184
		6	Local	7,343	7,409	7,404	7,038	6,314	6,151	6,019	6,288	6,325	5,748
		7	Unknown	521	524	256	325	220	357	275	266	148	672
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_ROLL				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values	11,347	11,279	10,712	9,467	8,610	8,150	7,865	8,121	7,550	7,461
A_ROLL	Involving a Rollover	1	Rollover Involved Crash										
		2	Other Crash										
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_RU				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_RU	Rural/Urban	1	Rural	21,698	21,004	20,715	18,844	17,303	16,347	16,062	16,616	16,024	15,031
		2	Urban	17,281	17,389	16,627	15,128	13,504	13,713	13,685	14,347	14,147	14,509
		3	Unknown	273	255	93	200	55	236	120	43	32	449
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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Variable Information: A_SPCRA				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_SPCRA	Involving Speeding	1	Speeding Involved Crash	12,023	12,082	11,750	10,537	9,543	9,462	8,988	9,274	8,730	8,269
		2	Other Crash	27,229	26,566	25,685	23,635	21,319	20,834	20,879	21,732	21,473	21,720
		3	N/A (Not Defined For These Years)	0	0	0	0	0	0	0	0	0	0
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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## FARS Acc\_Aux File Variables 2005-2014

Variable Information: A_TOD				2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Variable Name	Variable Description	Attributes	Formatted Values										
A_TOD	Time of Day	1	Daytime	19,187	18,544	17,859	16,275	14,684	14,782	14,581	14,959	14,670	14,486
		2	Nighttime	19,755	19,796	19,251	17,641	15,933	15,296	15,081	15,806	15,312	15,280
		3	Unknown	310	308	325	256	245	218	205	241	221	223
Total Fatal Crashes				39,252	38,648	37,435	34,172	30,862	30,296	29,867	31,006	30,203	29,989

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