

Trends and Percent Change in Causes of Injury Deaths, Miami-Dade County Residents, All Ages, 2000-2022

Intent	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2015-2018		2019-2020		2020-2021		2021-2022		2000-2022	
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Change	% Change	Change	% Change	Change	% Change	Change	% Change	Change
Unintentional	787	729	782	790	784	751	839	814	746	749	620	614	666	627	734	839	939	917	862	888	1028	1088	930	23	2.7%	140	15.8%	60	5.8%	-158	-14.5%	143	18.2%
Suicide	220	218	219	213	195	195	191	268	236	239	224	200	228	216	241	276	246	245	280	272	215	230	243	4	1.4%	-57	-21.0%	15	7.0%	13	5.7%	23	10.5%
Homicide	200	203	214	209	215	173	236	239	255	221	216	220	223	234	229	234	217	206	201	216	244	220	223	-33	-14.1%	28	13.0%	-24	-9.8%	3	1.4%	23	11.5%
Undetermined	2	1	1	1	0	1	1	2	3	1	4	4	4	8	2	1	10	4	5	10	5	11	7	4	400.0%	-5	-50.0%	6	120.0%	-4	-36.4%	5	250.0%
Other	0	1	0	0	1	0	1	0	0	0	0	0	0	0	2	1	6	3	4	10	8	0	0	1	50.0%	6	150.0%	-2	-20.0%	-8	-100.0%	0	-
All Injury Deaths	1,209	1,152	1,216	1,213	1,195	1,120	1,268	1,323	1,240	1,210	1,064	1,038	1,131	1,085	1,206	1352	1413	1376	1351	1360	1502	1557	1403	-1	-0.1%	112	8.1%	55	3.7%	-154	-9.9%	194	16.0%

Intent	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2015-2018		2019-2020		2020-2021		2021-2022		2000-2022		
	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	Change	% Change	Change	% Change	Change	% Change	Change	% Change	Change	% Change
Unintentional	34.8	31.8	33.7	33.6	32.8	30.9	34.4	33.0	30.1	30.2	25.0	24.4	26.3	24.3	28.1	31.5	34.6	33.3	30.7	31.4	35.9	38.0	33.6	-0.7	-2.3%	4.5	14.3%	2.1	5.9%	-4	-11.7%	-1.2	-3.4%	
Suicide	9.7	9.5	9.4	9.0	8.2	8.0	7.8	10.9	9.5	9.6	9.0	7.9	9.0	8.4	9.2	10.4	9.1	8.9	10.0	9.6	7.5	8.0	8.8	-0.4	-3.6%	-2.1	-21.9%	0.5	7.2%	1	9.2%	-0.9	-9.7%	
Homicide	8.8	8.9	9.2	8.9	9.0	7.1	9.7	9.7	10.3	8.9	8.7	8.8	9.1	8.8	8.8	8.0	7.5	7.2	7.6	8.5	7.7	8.1	8.1	-1.6	-18.4%	0.9	11.8%	-0.8	-9.5%	0	4.8%	-0.8	-8.8%	
Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-
All Injury Deaths	53.4	50.3	52.4	51.5	50.0	46.0	51.9	53.6	50.0	48.8	42.9	41.2	44.6	42.0	46.1	50.7	52.1	50.0	48.2	49.1	52.4	54.4	50.7	-2.5	-5.0%	3.3	6.7%	2.0	3.9%	-4	-6.9%	-2.7	-5.1%	

County Population from FLHealthCharts 2,262,902 2,292,316 2,320,465 2,354,404 2,388,138 2,432,276 2,442,170 2,466,845 2,478,097 2,477,019 2,477,658 2,521,194 2,534,877 2,583,021 2,615,410 2,665,425 2,712,144 2,754,749 2,804,160 2,830,500 2,864,600 2,860,584 2,787,962

* Rate per 100,000 population; rates not calculated for years with < 10 deaths

Red percentages indicate this injury type increased in 2015-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Blue percentages indicate this injury type decreased in 2015-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Source: Death Certificate Records, Office of Vital Statistics, Florida Dept of Health

Analysis includes all diagnoses fields to identify injury related deaths

Trends and Percent Change in Causes of Injury Death, Miami-Dade County Residents, All Ages, 2000-2022

Mechanism	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2015-2018	2019-2020	2020-2021	2021-2022	2000-2022	
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	% Change	% Change	% Change	% Change	% Change
Cut, Pierce	28	23	23	25	25	27	27	13	32	28	29	22	26	20	26	21	30	27	23	23	27	22	11	2	-9.5%	4	17.4%	-17	-60.7%
Drowning	69	47	72	56	43	50	45	46	55	49	37	28	36	46	45	49	49	38	38	27	49	31	31	-11	-22.4%	22	81.5%	-18	-36.7%
Fire, Flame	128	124	121	152	153	164	176	160	141	166	161	145	168	167	186	161	178	158	185	206	182	185	189	24	14.9%	-24	-11.7%	3	1.6%
Fire, Flame	15	10	8	10	30	10	8	26	12	10	13	8	9	15	13	13	9	7	8	8	7	11	8	-5	-38.5%	-1	*	4	*
Firearm	227	232	231	258	242	219	268	318	308	286	257	274	285	293	284	315	273	294	296	292	319	286	314	-19	-6.0%	27	9.2%	-33	-10.3%
Motor Vehicle Occupant	220	226	247	232	244	204	225	178	180	156	118	96	97	101	104	32	83	146	124	131	165	177	147	92	287.5%	34	26.0%	12	7.3%
Motorcycle	23	35	37	40	53	51	62	53	51	47	32	46	46	49	60	48	41	61	47	54	61	65	12	-1	-2.1%	7	13.0%	4	-6.6%
Pedal Cyclist	10	13	16	10	11	8	14	11	10	14	10	8	8	12	10	12	12	13	11	12	14	12	7	-1	-4.3%	2	16.7%	-2	-14.3%
Pedestrian	98	72	91	88	74	93	96	92	76	81	70	83	63	67	80	97	83	61	86	79	85	83	62	-11	-11.3%	6	7.6%	-2	-2.4%
Poison	141	145	133	128	131	109	157	166	168	171	120	86	130	106	147	212	299	331	258	301	373	366	326	46	21.7%	72	23.9%	-7	-1.9%
Suffocation	104	93	114	99	95	100	80	117	103	94	103	106	114	105	114	130	119	111	116	105	89	108	102	-14	-10.8%	-16	-15.2%	19	21.3%
All Injury Deaths	1,209	1,152	1,216	1,213	1,195	1,120	1,268	1,323	1,240	1,210	1,064	1,038	1,131	1,085	1,206	1,352	1,413	1,376	1,351	1,238	1,371	1,346	1,209	-1	-0.1%	133	10.7%	-25	-1.8%

Mechanism	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2015-2018	2019-2020	2020-2021	2021-2022	2000-2022					
	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	rate*	% Change	% Change	% Change	% Change	% Change					
Cut, Pierce	1.2	1.0	1.0	1.1	1.0	1.1	1.1	0.5	1.3	1.1	1.2	0.9	1.0	0.8	1.0	0.8	1.1	1.0	0.8	0.8	0.9	0.8	0.4	0.0	-4.1%	0.1	12.5%	-0.1	-14.5%	-0.4	-48.3%	-0.8	-67.5%
Drowning	3.0	2.1	3.1	2.4	1.8	2.1	1.8	1.9	2.2	2.0	1.5	1.1	1.4	1.8	1.7	1.8	1.8	1.4	1.4	1.0	1.7	1.1	1.1	-0.5	-26.3%	0.7	70.0%	-1	-36.3%	0	3.3%	-2	-63.3%
Fire, Flame	5.7	5.4	5.2	6.5	6.4	6.7	7.2	6.5	5.7	6.7	6.5	5.8	6.6	6.5	7.1	6.0	6.6	5.7	6.6	7.3	6.4	6.5	6.8	0.6	9.2%	-0.9	-12.3%	0.1	1.1%	0.4	5.6%	1.2	20.7%
Fire, Flame	0.7	0.4	*	0.4	1.3	0.4	*	1.1	0.5	0.4	0.5	*	*	0.6	0.5	0.5	*	*	*	*	0.4	*	*	*	*	*	*	*	*	*	*	*	*
Firearm	10.1	10.1	10.0	11.0	10.1	9.0	11.0	12.9	12.4	11.5	10.4	10.9	11.2	11.3	10.9	11.8	10.1	10.7	10.6	10.3	11.1	10.0	11.3	-1.3	-10.7%	0.8	7.8%	-1	-9.9%	1	13.5%	1	13.1%
Motor Vehicle Occupant	9.7	9.9	10.6	10.7	10.2	8.4	9.2	7.2	7.3	6.3	4.8	3.8	3.8	3.9	4.0	1.2	3.1	5.3	4.4	4.6	5.8	6.2	5.3	3.2	268.3%	1.2	26.1%	0.4	6.7%	-0.9	-14.2%	-4.4	-45.4%
Motorcycle	1.0	1.5	1.6	1.7	2.2	2.1	2.5	2.1	2.1	1.9	1.3	1.8	1.8	1.9	2.3	1.8	1.5	2.2	1.7	1.9	2.1	2.3	0.4	-0.1	-6.9%	0.2	10.5%	0.2	8.2%	-1.8	-80.9%	-0.6	-57.3%
Pedal Cyclist	0.4	0.6	0.7	0.4	0.5	*	0.6	0.4	0.4	0.6	0.4	*	*	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.5	0.4	*	-0.1	-12.9%	0.1	15.3%	-0.1	-14.2%	*	*	*	*
Pedestrian	4.3	3.1	3.9	3.7	3.1	3.8	3.9	3.7	3.1	3.3	2.8	3.3	2.5	2.6	3.1	3.6	3.1	2.2	3.1	2.8	3.0	2.9	2.2	-0.6	-15.7%	0.2	6.3%	-0.1	-2.2%	-0.7	-22.5%	-2.1	-48.8%
Poison	6.2	6.3	5.7	5.4	5.5	4.5	6.4	6.7	6.8	6.9	4.8	3.4	5.1	4.1	5.6	8.0	11.0	12.0	9.2	10.6	13.0	12.8	11.8	1.2	15.7%	2.4	22.6%	-0.2	-1.6%	-1.0	-7.9%	5.5	89.0%
Suffocation	4.6	4.1	4.9	4.2	4.0	4.1	3.3	4.7	4.2	3.8	4.2	4.2	4.5	4.1	4.4	4.9	4.4	4.0	4.1	3.7	3.1	3.8	3.7	-0.7	-15.2%	-0.6	-16.2%	1	21.8%	0	-2.4%	-1	-19.8%
All Injury Deaths	53.4	50.3	52.4	51.5	50.0	46.0	51.9	53.6	50.0	48.8	42.9	41.2	44.6	42.0	46.1	50.7	52.1	50.0	48.2	43.7	47.9	47.1	43.7	-2.5	-5.3%	4.1	9.4%	-0.8	-1.7%	-3.4	-7.2%	-9.7	-18.2%

County Population from FLHealthCHARTS

2,262,902 2,292,316 2,320,465 2,354,404 2,388,138 2,432,276 2,442,170 2,466,645 2,478,097 2,477,019 2,477,658 2,521,194 2,534,877 2,583,021 2,615,410 2,665,425 2,712,144 2,754,749 2,804,160 2,830,500 2,864,600 2,860,584 2,767,962

* Rate per 100,000 population; rates not calculated for years with < 10 deaths

** Other Transport category was coded differently between 2000-2004 and can't be compared to data 2005 and older

*** Percent change not calculated for years < 10 deaths unless difference from baseline year is > 10

Red percentages indicate this injury type increased in 2015-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Blue percentages indicate this injury type decreased in 2015-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Source: Death certificate records, Office of Vital Statistics, Florida Dept of Health