

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

Intent	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2016	2017	2018	2019	2020	2021	2022	2016-2018		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	Change	% Change	Change	% Change	Change	% Change	Change	% Change	Change
Unintentional	8,005	9,194	10,201	10,472	10,822	11,048	11,398	11,718	11,569	11,807	12,016	12,464	12,588	12,369	13,329	14,493	14,279	14,097	14,048	12,570	13,472	13,749	-396	-2.7%	-1,478	-10.5%	902	7.2%	277	2.1%	5,744	71.8%
Self-Inflicted	1,008	972	1,025	1,015	989	882	970	878	889	957	997	1,011	1,036	957	835	994	847	845	873	718	772	717	-149	-15.0%	-155	-17.8%	54	7.5%	-55	-7.1%	-291	-28.9%
Assault	751	822	873	913	851	887	954	1,023	1,061	1,094	1,111	907	996	940	906	841	737	739	679	623	480	530	-102	-12.1%	-56	-8.2%	-143	-23.0%	50	10.4%	-221	-29.4%
Undetermined/Other	183	195	286	271	321	343	301	345	349	335	318	341	293	357	309	116	106	114	108	88	68	91	-2	-1.7%	-20	-18.5%	-20	-22.7%	23	33.8%	-92	-50.3%
All Injury Hospitalizations	9,947	11,183	12,385	12,671	12,983	13,160	13,623	13,964	13,868	14,193	14,442	14,723	14,913	14,623	15,379	16,444	15,969	15,795	15,708	13,999	14,792	15,087	-649	-3.9%	-1,709	-10.9%	793	5.7%	295	2.0%	5,140	51.7%

Intent	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2016	2017	2018	2019	2020	2021	2022	2016-2018		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	% Change	Change	% Change	Change
Unintentional	353.7	401.8	440.5	446.8	456.3	460.0	469.6	477.2	467.4	475.4	480.9	494.4	496.6	478.9	509.6	534.4	518.3	502.7	496.3	438.8	471.0	496.7	-31.7	-5.9%	-58	-11.6%	32	7.3%	26	5.5%	143	40.4%
Self-Inflicted	44.5	42.5	44.3	43.3	41.7	36.7	40.0	35.8	35.9	38.5	39.9	40.1	40.9	37.0	31.9	36.6	30.7	30.1	30.8	25.1	27.0	25.9	-6.5	-17.8%	-6	-18.7%	2	7.7%	-1	-4.0%	-19	-41.8%
Assault	33.2	35.9	37.7	39.0	35.9	36.9	39.3	41.7	42.9	44.1	44.5	36.0	39.3	36.4	34.6	31.0	26.8	26.4	24.0	21.7	16.8	19.1	-4.7	-15.0%	-2	-9.3%	-5	-22.8%	2	14.1%	-14	-42.3%
Undetermined/Other	8.1	8.5	12.3	11.6	13.5	14.3	12.4	14.0	14.1	13.5	12.7	13.5	11.6	13.8	11.8	4.3	3.8	4.1	3.8	3.1	2.4	3.3	-0.2	-4.9%	-1	-19.5%	-1	-22.6%	1	38.3%	-5	-59.3%
All Injury Hospitalizations	439.6	488.8	534.8	540.6	547.4	547.9	561.3	568.6	560.2	571.5	577.9	584.0	588.3	566.1	588.0	606.3	579.7	563.3	555.0	488.7	517.1	545.1	-43.0	-7.1%	-66	-11.9%	28	5.8%	28	5.4%	105	24.0%

County Population 2,262,902 2,287,935 2,315,799 2,343,909 2,371,859 2,401,755 2,427,037 2,455,829 2,475,413 2,483,366 2,498,855 2,521,194 2,534,877 2,583,021 2,615,410 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 Hospitalizations

Red percentages indicate this injury type increased in 2016-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Blue percentages indicate this injury type decreased in 2016-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Source: Hospital Discharge Data, Florida Agency for Health Care Administration

Analysis uses the primary diagnosis field to identify injury related hospitalizations

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

Mechanism	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2016	2017	2018	2019	2020	2021	2022	2016-2018		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	Change	% Change	Change	% Change	Change	% Change	Change	% Change	Change
Cut, Pierce	507	515	517	517	472	565	506	526	432	522	465	495	512	492	449	359	372	400	347	323	286	259	41	11.4%	-24	-6.9%	-37	-11.5%	-27	-8.4%	-248	-48.9%
Drowning	45	41	56	50	53	52	42	55	50	47	58	37	48	36	48	26	33	32	35	26	27	30	6	23.1%	-9	-25.7%	1	3.8%	3	11.1%	-15	-33.3%
Fall	4,080	4,792	5,334	5,406	5,795	5,937	6,297	6,402	6,636	6,941	7,167	7,300	7,327	7,328	7,867	8,170	8,142	8,238	8,276	7,393	7,800	8,231	68	0.8%	-883	-10.7%	497	6.7%	341	4.3%	4,171	102.7%
Fire, Flame	64	49	70	55	59	65	69	82	71	52	55	66	52	75	69	68	53	74	89	59	57	65	6	8.8%	-30	-33.7%	-2	-3.4%	8	14.0%	1	1.6%
Hot Substance	122	115	103	126	114	117	113	89	90	119	130	128	149	190	187	168	175	174	175	169	148	170	6	3.6%	-6	-3.4%	-21	-12.4%	22	14.9%	48	39.3%
Firearm	191	232	267	264	274	299	314	381	372	361	390	366	401	325	386	487	374	404	429	477	418	332	-83	-17.0%	48	11.2%	-59	-12.4%	-86	-20.6%	141	73.8%
Motor Vehicle Occupant	1,377	1,495	1,606	1,549	1,524	1,466	1,498	1,530	1,271	1,223	977	1,060	1,101	1,032	1,026	1,645	1,571	1,442	1,465	1,263	1,503	1,465	-203	-12.3%	-202	-13.8%	240	19.0%	-38	-2.5%	88	6.4%
Motorcycle	158	218	214	312	340	319	390	414	402	354	309	358	390	375	436	483	522	479	462	454	443	428	-4	-0.8%	-8	-1.7%	-11	-2.4%	-15	-3.4%	270	170.9%
Pedal Cyclist	159	183	196	189	207	179	164	188	223	221	210	241	251	235	292	136	138	104	120	116	112	131	-32	-23.5%	-4	-3.3%	-4	-3.4%	19	17.0%	-28	-17.6%
Pedestrian	328	351	384	394	349	379	390	383	358	338	401	378	385	387	373	259	352	380	360	327	353	358	121	48.7%	-33	-9.2%	26	8.0%	5	1.4%	30	9.1%
Other Transport	97	121	142	162	160	193	174	178	168	169	129	149	170	157	164	183	127	121	91	71	93	72	-62	-33.9%	-20	-22.0%	22	31.0%	-21	-22.6%	-25	-25.8%
Natural, Environmental	109	127	159	152	138	199	119	138	102	127	185	163	155	136	160	28	35	27	45	47	28	55	-1	-3.6%	2	4.4%	-19	-40.4%	27	96.4%	-54	-49.5%
Overexertion	95	93	132	149	182	192	189	196	193	195	151	214	177	158	172	-	106	114	89	98	118	109	-	-	9	10.1%	20	20.4%	-9	-7.6%	14	14.7%
Struck By/Against	505	549	586	619	661	679	641	620	661	698	648	620	656	668	645	678	638	568	540	451	419	481	-110	-16.2%	-89	-16.5%	-32	-7.1%	62	14.8%	-24	-4.8%
Poison	1,459	1,438	1,551	1,501	1,526	1,456	1,525	1,512	1,624	1,636	1,699	1,692	1,660	1,598	1,523	1,954	1,843	1,748	1,718	1,389	1,492	1,475	-206	-10.5%	-329	-19.2%	103	7.4%	-17	-1.1%	16	1.1%
All Injury Hospitalizations	13,569	13,775	13,849	13,968	14,135	14,470	13,872	14,061	14,139	14,551	14,736	15,064	15,251	14,967	15,663	14,644	14,481	14,305	14,241	12,663	13,387	13,661	-339	-2.3%	-1,578	-11.1%	724	5.7%	274	2.0%	92	0.7%

Mechanism	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2016	2017	2018	2019	2020	2021	2022	2016-2018		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	% Change	Change	% Change	Change
Cut, Pierce	22.4	22.5	22.3	22.1	19.9	23.5	20.8	21.4	17.5	21.0	18.6	19.6	20.2	19.0	17.2	13.2	13.5	14.3	12.3	11.3	10.0	9.4	1.0	7.8%	-1.0	-8.0%	-1.3	-11.3%	-0.6	-8.4%	-13.0	-58.2%
Drowning	2.0	1.8	2.5	2.1	2.2	2.2	1.7	2.2	2.0	1.9	2.3	1.5	1.9	1.4	1.8	1.0	1.2	1.1	1.2	0.9	0.9	1.1	0.2	19.0%	-0.3	-26.6%	0.0	4.0%	0.1	14.8%	-0.9	-45.5%
Fall	179.4	209.4	230.3	230.6	244.3	247.2	259.5	260.7	268.1	279.5	286.8	289.5	289.0	283.7	300.8	301.2	295.6	293.8	292.4	258.1	275.8	297.4	-7.5	-2.5%	-34.3	-11.7%	17.7	6.9%	21.5	7.8%	118.0	65.7%
Fire, Flame	2.8	2.1	3.4	2.3	2.5	2.7	2.8	3.3	2.9	2.1	2.2	2.6	2.1	2.9	2.6	2.5	1.9	2.6	3.1	2.1	2.0	2.3	0.1	5.3%	-1.1	-34.5%	-0.1	-3.3%	0.4	17.9%	-0.5	-17.0%
Hot Substance	5.4	5.0	4.4	5.4	4.8	4.9	4.7	3.6	3.6	4.8	5.2	5.1	5.9	7.4	7.1	6.2	6.4	6.2	6.2	5.9	5.2	6.1	0.0	0.2%	-0.3	-4.8%	-0.7	-12.3%	1.0	15.7%	0.8	13.9%
Motor Vehicle Occupant	8.4	10.1	11.5	11.3	11.6	12.4	12.9	15.5	15.0	14.5	15.6	14.5	15.8	12.6	14.8	18.0	13.6	14.4	15.2	16.7	14.6	12.0	-3.5	-19.8%	1.5	9.9%	-2.0	-12.2%	-2.6	-17.9%	3.6	42.1%
Motorcycle	60.9	65.3	69.3	66.1	64.3	61.0	61.7	62.3	51.3	49.2	39.1	42.0	43.4	40.0	39.2	60.7	57.0	51.4	51.8	44.1	52.5	52.9	-9.2	-15.2%	-7.7	-14.8%	8.5	19.2%	0.4	0.7%	-7.9	-13.0%
Pedal Cyclist	7.0	9.5	9.2	13.3	14.3	13.3	16.1	16.9	16.2	14.3	12.4	14.2	15.4	14.5	16.7	17.8	18.9	17.1	16.3	15.8	15.5	15.5	-0.7	-4.1%	-0.5	-2.9%	-0.4	-2.3%	0.0	-0.2%	8.5	121.5%
Other Transport	7.0	8.0	8.5	8.1	8.7	7.5	6.8	7.7	9.0	8.9	8.4	9.6	9.9	9.1	11.2	5.0	5.0	3.7	4.2	4.0	3.9	4.7	-1.3	-26.0%	-0.2	-4.5%	-0.1	-3.3%	0.8	20.9%	-2.3	-32.6%
Pedestrian	14.5	15.3	16.6	16.8	14.7	15.8	16.1	15.6	14.5	13.6	16.0	15.0	15.2	15.0	14.3	9.5	12.8	13.6	12.7	11.4	12.3	12.9	4.0	41.9%	-1.3	-10.2%	0.9	8.1%	0.6	4.8%	-1.6	-10.8%
Natural, Environmental	4.3	5.3	6.1	6.9	6.7	8.0	7.2	7.2	6.8	6.8	5.2	5.9	6.7	6.1	6.3	6.7	4.6	4.3	3.2	2.5	3.3	2.6	-2.4	-36.0%	-0.7	-22.9%	0.8	31.2%	-0.6	-20.0%	-1.7	-39.3%
Overexertion	4.8	5.6	6.9	6.5	5.8	6.3	4.9	5.6	4.1	5.1	7.4	6.5	6.1	5.3	6.1	1.0	1.3	1.0	1.6	1.6	1.0	2.0	-0.1	-6.7%	0.1	3.2%	-0.7	-40.3%	1.0	103.0%	-2.8	-58.7%
Struck By/Against	22.3	24.0	25.3	26.4	27.9	28.3	26.4	25.2	26.7	28.1	25.9	24.6	25.9	24.6	25.0	23.2	20.3	19.1	15.7	14.6	17.4	-4.7	-19.0%	-3.3	-17.5%	-1.1	-7.0%	2.7	18.6%	-4.9	-22.1%	
Poison	64.5	62.9	67.0	64.0	64.3	60.6	62.8	61.6	65.6	65.9	68.0	67.1	65.5	61.9	58.2	72.0	66.9	62.3	60.7	48.5	52.2	53.3	-9.7	-13.5%	-12.2	-20.1%	3.7	7.6%	1.1	2.2%	-11.2	-17.4%
All Injury Hospitalizations	599.6	602.1	598.0	640.0	595.9	602.5	571.6	572.6	571.2	585.9	589.7	597.5	601.6	579.4	598.9	539.9	525.7	510.1	503.1	442.1	468.0	493.5	-29.8	-5.5%	-61.1	-12.1%	25.9	5.9%	25.6	5.5%	-106.1	-17.7%

County Population 2,262,902 2,287,935 2,315,799 2,343,909 2,371,859 2,401,755 2,427,037 2,455,829 2,475,413 2,483,366 2,498,856 2,521,194 2,534,877 2,583,021 2,615,410 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 hospitalizations

** Includes injuries coded other or unspecified

Red percentages indicate this injury type increased in 2016-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Blue percentages indicate this injury type decreased in 2016-2018, 2019-2020, 2020-2021, 2021-2022, 2000-2022

Source: Hospital Discharge Data, Florida Agency for Health Care Administration

Analysis uses the primary diagnosis field to identify injury related hospitalizations