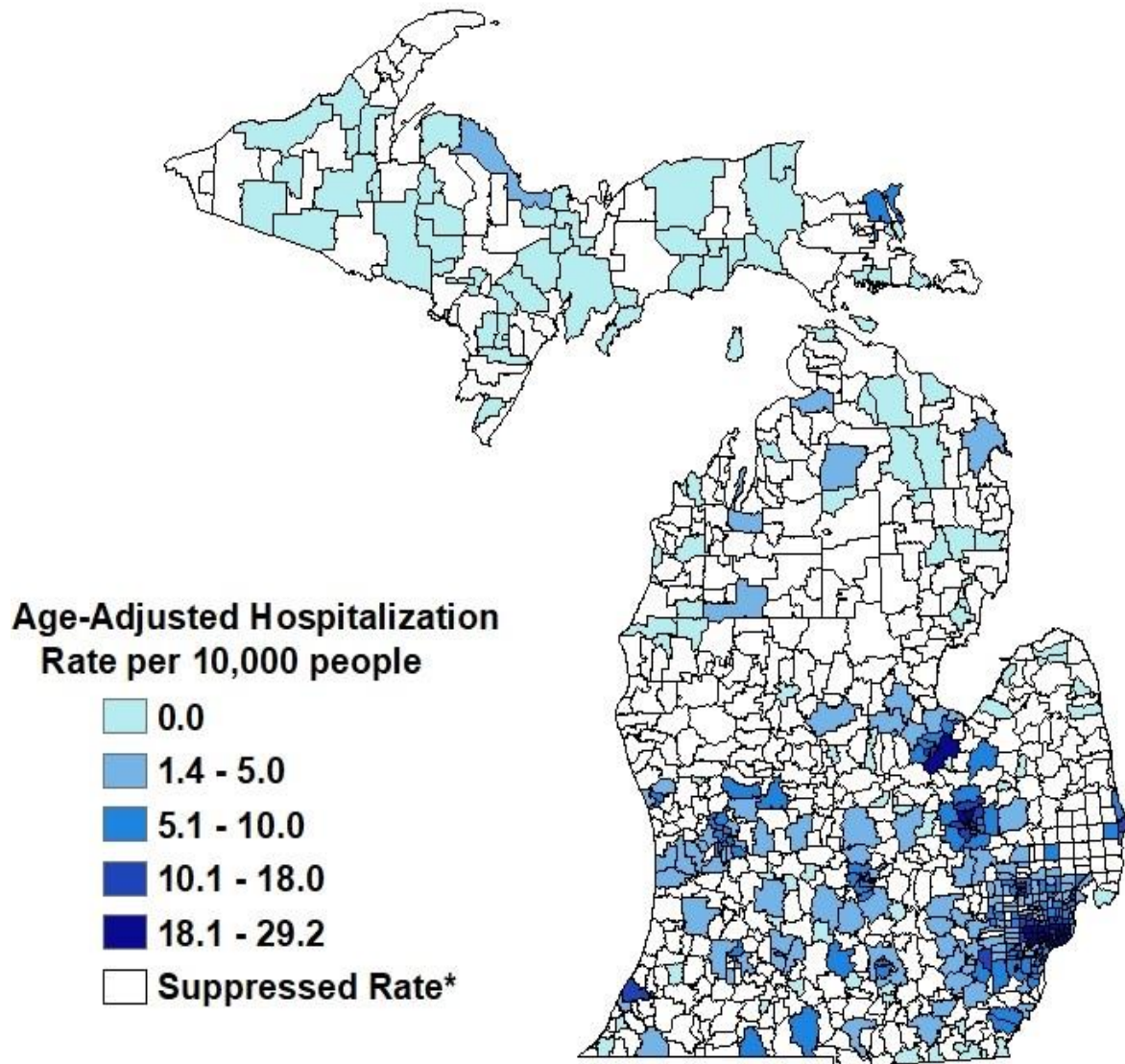


Age-Adjusted Hospitalization Rates per 10,000 people by Zip Code for Michigan and Detroit, 2016-2019

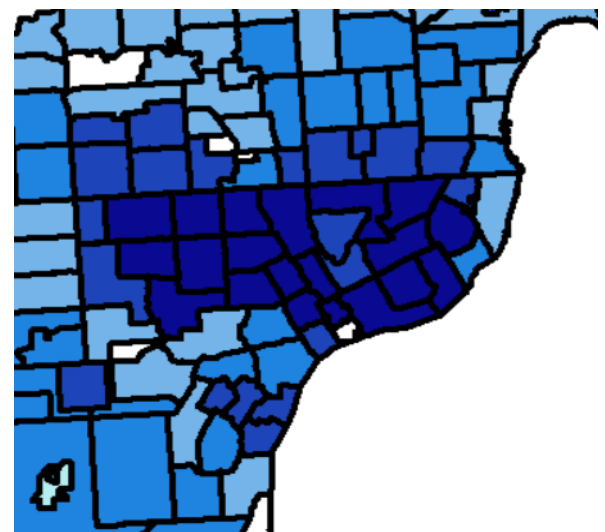


Detroit Region

The Michigan 2016-2019 asthma hospitalization rate was 6.3 per 10,000 people. The Detroit region was significantly higher with a rate of 20.2 per 10,000 people.

Source: Michigan Inpatient Data Base, 2016-2019. Methods: Cases were included if asthma was the primary diagnosis code (ICD-10-CM J45 codes). Rates were age-adjusted to the 2010 US Standard Population. The Detroit region included the following zip codes: 48201, 48202, 48203, 48204, 48205, 48206, 48207, 48208, 48209, 48210, 48211, 48212, 48213, 48214, 48215, 48216, 48217, 48219, 48221, 48223, 48224, 48226, 48227, 48228, 48234, 48235, 48238.

*Rates were suppressed for counts of 1-19 events.



Asthma Hospitalizations, 2016-2019

Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000
48001	.	48062	.	48108	3.7	48164	.
48002	.	48063	.	48109	0.0	48165	.
48003	.	48064	.	48111	6.9	48166	4.4
48005	.	48065	5.3	48112	.	48167	3.2
48006	.	48066	8.8	48114	.	48168	.
48009	3.0	48067	4.2	48115	.	48169	3.5
48014	.	48068	.	48116	2.0	48170	3.7
48015	13.0	48069	.	48117	.	48173	.
48017	5.0	48070	.	48118	.	48174	9.3
48021	16.2	48071	6.6	48120	6.7	48175	.
48022	.	48072	4.7	48122	11.1	48176	3.4
48023	.	48073	4.8	48124	3.7	48177	0.0
48025	4.0	48074	8.0	48125	8.6	48178	2.9
48026	5.7	48075	15.9	48126	4.9	48179	.
48027	.	48076	12.1	48127	4.7	48180	8.7
48028	0.0	48079	.	48128	.	48182	.
48030	12.0	48080	5.5	48130	4.0	48183	5.1
48032	.	48081	3.9	48131	.	48184	8.5
48033	16.3	48082	4.9	48133	0.0	48185	7.9
48034	15.6	48083	7.0	48134	4.8	48186	7.0
48035	8.2	48084	4.0	48135	5.1	48187	3.3
48036	4.2	48085	4.1	48136	.	48188	4.3
48037	.	48086	.	48137	.	48189	.
48038	5.0	48088	5.5	48138	.	48190	.
48039	.	48089	10.6	48139	.	48191	.
48040	5.8	48090	.	48140	.	48192	4.6
48041	.	48091	13.7	48141	18.0	48193	6.9
48042	3.2	48092	5.7	48143	.	48195	6.7
48043	13.9	48093	8.9	48144	0.0	48197	7.9
48044	3.8	48094	2.5	48145	.	48198	15.3
48045	4.8	48095	.	48146	9.1	48201	29.2
48046	.	48096	.	48150	4.3	48202	22.3
48047	3.1	48097	.	48152	4.9	48203	18.5
48048	.	48098	3.9	48153	.	48204	19.9
48049	.	48099	.	48154	4.1	48205	24.6
48050	.	48101	4.4	48157	.	48206	23.2
48051	6.4	48103	2.3	48158	.	48207	22.1
48054	.	48104	4.3	48159	.	48208	19.9
48059	5.8	48105	3.1	48160	4.8	48209	9.2
48060	11.0	48106	.	48161	5.2	48210	8.7
48061	.	48107	.	48162	5.9	48211	12.6

Asthma Hospitalizations, 2016-2019

Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000
48212	13.2	48314	5.6	48381	.	48449	.
48213	24.1	48315	5.2	48382	4.4	48450	.
48214	21.6	48316	3.1	48383	4.1	48451	.
48215	26.8	48317	7.4	48386	3.8	48453	.
48216	12.5	48318	.	48387	.	48454	.
48217	15.3	48320	.	48390	4.3	48455	.
48218	17.2	48321	.	48393	5.8	48456	.
48219	24.1	48322	3.0	48397	0.0	48457	.
48220	9.6	48323	4.9	48401	.	48458	11.9
48221	21.8	48324	.	48411	0.0	48460	.
48223	18.8	48325	.	48412	.	48461	.
48224	25	48326	6.6	48413	.	48462	.
48225	16.3	48327	5.0	48414	.	48463	.
48226	.	48328	5.2	48415	.	48464	0.0
48227	21.7	48329	5.3	48416	.	48465	0.0
48228	21.7	48331	.	48417	.	48466	.
48229	10.4	48334	6.3	48418	.	48467	.
48230	5.6	48335	4.7	48419	.	48468	.
48231	.	48336	5.1	48420	6.4	48469	.
48233	.	48340	10.6	48421	.	48470	0.0
48234	21.1	48341	13.6	48422	.	48471	.
48235	25.1	48342	16.6	48423	5.2	48472	.
48236	4.6	48346	2.9	48426	.	48473	5.2
48237	17.0	48348	2.6	48427	.	48475	.
48238	21.8	48350	.	48428	.	48476	.
48239	15.4	48353	.	48429	.	48501	.
48240	14.6	48356	.	48430	3.4	48502	.
48242	0.0	48357	.	48432	0.0	48503	17.6
48243	0.0	48359	.	48433	5.9	48504	23.9
48244	.	48360	.	48434	0.0	48505	25.6
48277	.	48362	3.6	48435	.	48506	12.6
48301	.	48363	.	48436	.	48507	13.7
48302	3.7	48366	.	48437	.	48509	8.7
48304	4.2	48367	.	48438	.	48519	7.9
48306	2.4	48370	.	48439	6.2	48529	8.0
48307	5.4	48371	3.1	48440	0.0	48531	.
48309	3.6	48374	5.2	48441	.	48532	13.3
48310	4.5	48375	2.6	48442	2.6	48551	0.0
48311	.	48376	.	48444	.	48553	0.0
48312	5.8	48377	5.7	48445	0.0	48554	0.0
48313	5.0	48380	.	48446	4.6	48601	19.2

Asthma Hospitalizations, 2016-2019

Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000
48602	12.0	48650	.	48743	0.0	48829	.
48603	5.3	48651	.	48744	.	48831	.
48604	9.8	48652	.	48745	0.0	48832	0.0
48605	.	48653	.	48746	.	48834	.
48606	.	48654	.	48747	.	48835	.
48607	.	48655	.	48748	0.0	48836	.
48608	.	48656	.	48749	.	48837	.
48609	5.9	48657	.	48750	.	48838	6.2
48610	.	48658	.	48754	.	48840	.
48611	.	48659	.	48755	.	48841	0.0
48612	.	48661	.	48756	.	48842	5.4
48613	.	48662	.	48757	.	48843	2.9
48614	.	48667	0.0	48759	.	48845	.
48615	0.0	48701	.	48760	0.0	48846	3.0
48616	.	48703	.	48761	0.0	48847	.
48617	.	48705	.	48762	.	48848	.
48618	.	48706	4.6	48763	.	48849	.
48619	0.0	48708	5.3	48765	0.0	48850	.
48620	.	48710	0.0	48766	.	48851	.
48621	.	48720	0.0	48767	0.0	48852	0.0
48622	.	48721	.	48768	7.7	48853	0.0
48623	4.6	48722	0.0	48770	.	48854	2.7
48624	.	48723	.	48801	.	48855	.
48625	.	48724	0.0	48804	.	48856	.
48626	.	48725	.	48806	.	48857	.
48627	0.0	48726	.	48807	0.0	48858	4.9
48628	.	48727	.	48808	.	48860	.
48629	.	48728	.	48809	.	48861	.
48630	0.0	48729	.	48811	.	48864	.
48631	.	48730	.	48813	2.7	48865	.
48632	.	48731	.	48815	.	48866	.
48633	0.0	48732	3.4	48816	0.0	48867	5.0
48634	.	48733	.	48817	0.0	48870	0.0
48635	.	48734	.	48818	.	48871	.
48636	.	48735	.	48819	0.0	48872	.
48637	.	48737	0.0	48820	3.0	48873	.
48638	12.2	48738	.	48821	.	48874	0.0
48640	3.2	48739	.	48822	.	48875	.
48642	1.7	48740	.	48823	2.6	48876	.
48647	.	48741	.	48825	0.0	48877	.
48649	.	48742	.	48827	3.8	48878	.

Asthma Hospitalizations, 2016-2019

Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000
48879	3.5	49017	4.2	49071	.	49126	.
48880	.	49019	.	49072	.	49127	.
48881	.	49021	.	49073	.	49128	0.0
48883	.	49022	13.8	49074	0.0	49129	.
48884	.	49023	.	49075	0.0	49130	.
48885	.	49024	1.5	49076	0.0	49201	4.3
48886	.	49026	.	49078	.	49202	5.5
48888	.	49027	0.0	49079	.	49203	5.7
48889	.	49028	.	49080	.	49204	.
48890	0.0	49029	0.0	49082	.	49220	.
48891	.	49030	.	49083	.	49221	4.4
48892	.	49031	.	49084	.	49224	5.8
48893	.	49032	.	49085	1.7	49227	.
48894	.	49033	.	49087	.	49228	.
48895	.	49034	.	49088	.	49229	.
48896	0.0	49036	9.0	49089	.	49230	.
48897	0.0	49037	6.3	49090	.	49232	.
48901	.	49038	.	49091	5.2	49233	0.0
48906	7.2	49040	.	49092	.	49234	0.0
48910	8.3	49042	.	49093	.	49235	.
48911	9.2	49043	.	49094	.	49236	.
48912	6.9	49045	.	49095	.	49237	0.0
48915	15.2	49046	.	49096	.	49238	0.0
48917	5.2	49047	.	49097	.	49240	.
48921	0.0	49048	3.3	49098	.	49241	.
48933	.	49050	0.0	49099	.	49242	4.3
49001	4.0	49051	.	49101	0.0	49245	.
49002	.	49052	.	49102	.	49246	.
49003	.	49053	.	49103	.	49247	.
49004	6.9	49055	.	49104	0.0	49248	0.0
49006	.	49056	.	49106	.	49249	.
49007	10.0	49057	.	49107	.	49250	.
49008	.	49058	4.2	49111	.	49251	.
49009	1.4	49060	.	49112	.	49252	.
49010	3.1	49061	.	49113	.	49253	.
49011	.	49064	0.0	49115	0.0	49254	.
49012	.	49065	.	49116	0.0	49255	.
49013	.	49066	0.0	49117	.	49256	0.0
49014	3.3	49067	.	49119	.	49259	.
49015	3.0	49068	.	49120	3.0	49261	.
49016	.	49070	.	49125	.	49262	.

Asthma Hospitalizations, 2016-2019

Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000
49263	0.0	49326	.	49424	2.6	49519	6.3
49264	.	49327	.	49425	.	49525	3.9
49265	.	49328	.	49426	2.1	49534	2.9
49266	.	49329	.	49428	2.2	49544	6.9
49267	0.0	49330	.	49431	.	49546	4.2
49268	.	49331	3.8	49434	0.0	49548	4.3
49269	.	49332	.	49435	.	49601	2.9
49270	.	49333	.	49436	.	49611	0.0
49271	.	49335	0.0	49437	.	49612	.
49272	.	49336	.	49440	.	49613	0.0
49274	.	49337	.	49441	2.3	49614	.
49276	0.0	49338	.	49442	4.8	49615	.
49277	.	49339	.	49443	.	49616	.
49279	.	49340	.	49444	7.0	49617	.
49282	0.0	49341	2.4	49445	.	49618	.
49283	.	49342	.	49446	.	49619	.
49284	.	49343	.	49448	.	49620	.
49285	.	49344	.	49449	.	49621	.
49286	3.8	49345	.	49450	.	49622	0.0
49287	.	49346	.	49451	.	49623	.
49288	.	49347	.	49452	.	49625	.
49289	0.0	49348	.	49453	.	49626	0.0
49301	.	49349	.	49454	.	49627	0.0
49302	.	49401	.	49455	.	49628	0.0
49303	0.0	49402	.	49456	.	49629	0.0
49304	.	49403	.	49457	.	49630	.
49305	0.0	49404	.	49458	0.0	49631	.
49306	.	49405	.	49459	.	49632	.
49307	.	49406	.	49460	.	49633	.
49309	.	49408	.	49461	.	49634	0.0
49310	.	49410	0.0	49464	2.4	49635	.
49312	0.0	49411	0.0	49501	.	49636	0.0
49315	2.4	49412	.	49503	8.6	49637	.
49316	.	49415	.	49504	7.0	49638	.
49318	.	49417	.	49505	6.1	49639	.
49319	5.1	49418	.	49506	5.3	49640	.
49320	.	49419	.	49507	9.7	49642	.
49321	5.2	49420	.	49508	4.4	49643	.
49322	.	49421	.	49509	6.6	49644	0.0
49323	.	49422	.	49512	7.6	49645	.
49325	0.0	49423	2.6	49514	.	49646	.

Asthma Hospitalizations, 2016-2019

Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000
49648	.	49715	.	49770	3.6	49837	.
49649	.	49716	.	49774	.	49838	0.0
49650	.	49717	0.0	49775	0.0	49839	0.0
49651	.	49718	0.0	49776	.	49840	0.0
49653	.	49719	0.0	49777	.	49841	.
49654	.	49720	.	49779	0.0	49847	0.0
49655	.	49721	.	49780	.	49848	.
49656	.	49722	0.0	49781	.	49849	.
49657	.	49724	.	49782	0.0	49852	0.0
49659	.	49725	0.0	49783	7.9	49853	.
49660	.	49726	.	49788	.	49854	.
49663	.	49727	.	49791	0.0	49855	2.2
49664	0.0	49728	0.0	49793	0.0	49858	.
49665	.	49729	.	49795	.	49861	0.0
49666	0.0	49730	.	49796	0.0	49862	.
49667	.	49733	0.0	49799	.	49863	0.0
49668	.	49735	3.6	49801	.	49864	0.0
49670	.	49736	.	49802	.	49866	.
49674	0.0	49738	.	49805	0.0	49868	.
49675	0.0	49740	.	49806	.	49870	.
49676	.	49743	.	49807	.	49871	0.0
49677	.	49744	.	49808	0.0	49872	0.0
49679	.	49745	0.0	49812	0.0	49873	0.0
49680	.	49746	0.0	49814	.	49874	0.0
49682	.	49747	.	49815	0.0	49876	0.0
49683	0.0	49748	.	49816	0.0	49877	0.0
49684	.	49749	.	49817	0.0	49878	0.0
49685	.	49751	.	49818	0.0	49879	0.0
49686	2.5	49752	0.0	49819	0.0	49880	0.0
49688	.	49753	.	49820	0.0	49881	0.0
49689	0.0	49755	.	49821	.	49883	0.0
49690	.	49756	.	49822	0.0	49884	.
49696	.	49757	.	49825	0.0	49885	0.0
49701	.	49759	.	49826	0.0	49886	0.0
49705	0.0	49760	.	49827	0.0	49887	.
49706	.	49762	0.0	49829	.	49891	0.0
49707	1.8	49764	0.0	49831	0.0	49892	.
49709	0.0	49765	0.0	49833	0.0	49893	0.0
49710	0.0	49766	.	49834	0.0	49894	0.0
49712	.	49768	0.0	49835	0.0	49895	.
49713	.	49769	.	49836	0.0	49896	.

Asthma Hospitalizations, 2016-2019

Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000	Zip Code	Rate per 10,000
49901	0.0	49918	0.0	49938	.	49960	.
49902	0.0	49919	.	49942	0.0	49961	.
49903	0.0	49920	0.0	49945	.	49962	0.0
49905	.	49921	0.0	49946	.	49963	.
49908	.	49922	.	49947	0.0	49965	0.0
49910	.	49925	0.0	49948	.	49967	0.0
49911	.	49927	.	49950	.	49968	.
49912	.	49929	0.0	49952	0.0	49969	0.0
49913	.	49930	.	49953	0.0	49970	0.0
49915	0.0	49931	.	49955	.	49971	0.0
49916	.	49934	0.0	49958	0.0		
49917	0.0	49935	.	49959	0.0		

The Michigan Department of Health and Human Services will not exclude from participation in, deny benefits of, or discriminate against any individual or group because of race, sex, religion, age, national origin, color, height, weight, marital status, gender identification or expression, sexual orientation, partisan considerations, or a disability or genetic information that is unrelated to the person’s eligibility.