

Oral Health Care Rates, Michigan Medicaid by County, 2019



Table of Contents

Purpose and Indicator Definitions.....	3
Map of Michigan Counties.....	4
1+ Dental Service (%), 0-18 Years.....	5
2+ Dental Services (%), 0-18 Years.....	7
1+ Preventive Dental Service (%), 0-18 Years.....	9
1+ Dental Service (%), 19-64 Years.....	11
2+ Dental Services (%), 19-64 Years.....	13
1+ Preventive Dental Service (%), 19-64 Years.....	15

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Purpose:

The purpose of this document is to show geographically where the burden of oral health care use among Medicaid enrollees is in Michigan. This report includes maps of each oral health indicator the state monitors for trends. More information and data on oral health can be found at www.Michigan.gov/oralhealth.

The maps were prepared by the Michigan Department of Health and Human Services, Lifecourse Epidemiology and Genomics Division with source data from the Michigan Medicaid Data Warehouse. The Medicaid population was restricted to those with three or more months of Medicaid dental insurance in calendar year 2019. The counts are summarized by the members' most recent county in the eligible months table for 2019 and age group as of December 31, 2019.

Oral Health Indicators and their Definitions:

1+ Dental Service (%):

The proportion of enrollees in Medicaid (ages 0-18 or 19-64 years) with one or more dental visits. A dental visit was counted if they had a service date with a dental procedure code (i.e. DXXXX). The dental visit could have occurred in a medical or dental office.

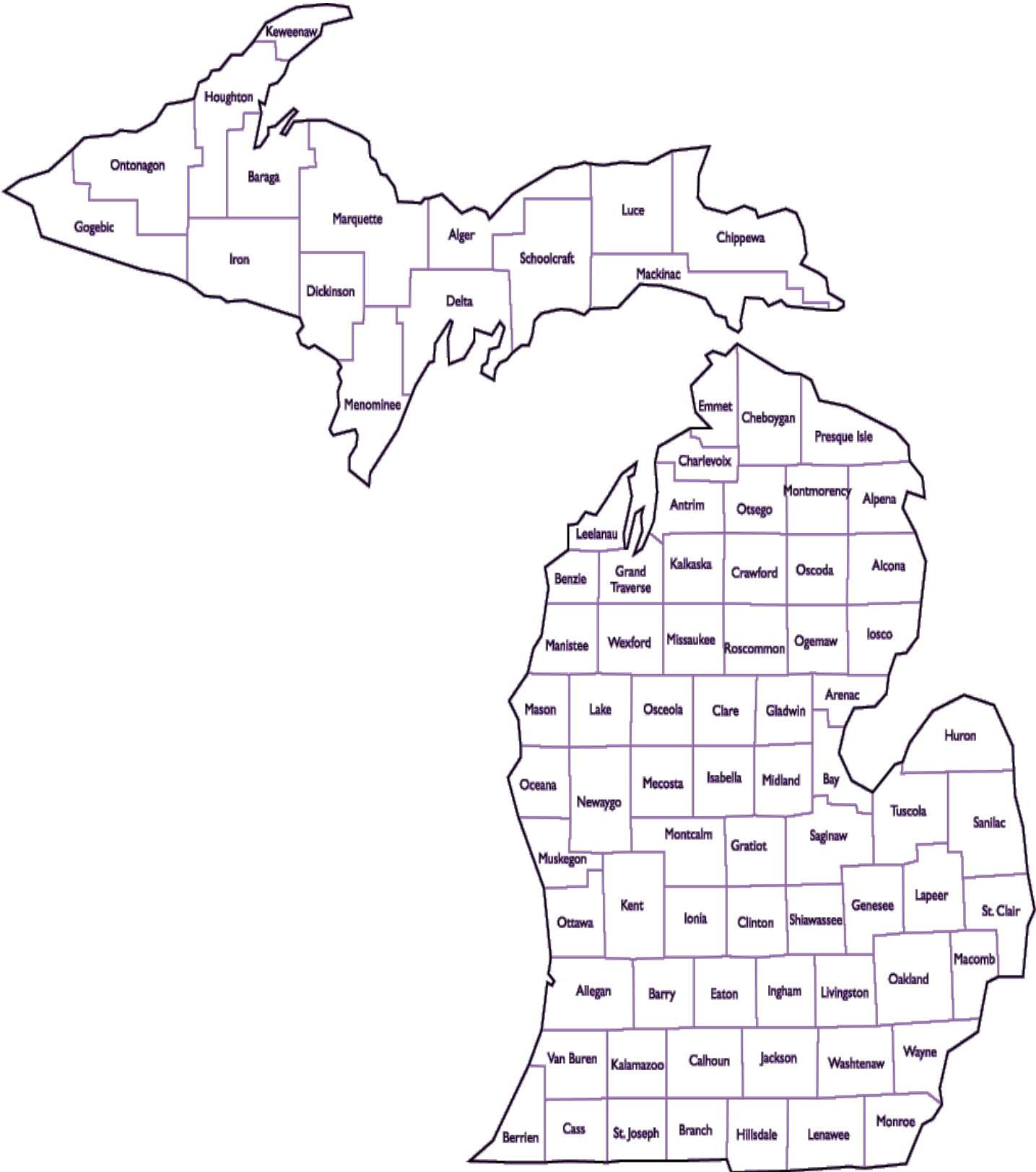
2+ Dental Services (%):

The proportion of enrollees in Medicaid (ages 0-18 or 19-64 years) with two or more dental visits. A dental visit was counted if they had a service date with a dental procedure code (i.e. DXXXX). The dental visit could have occurred in a medical or dental office.

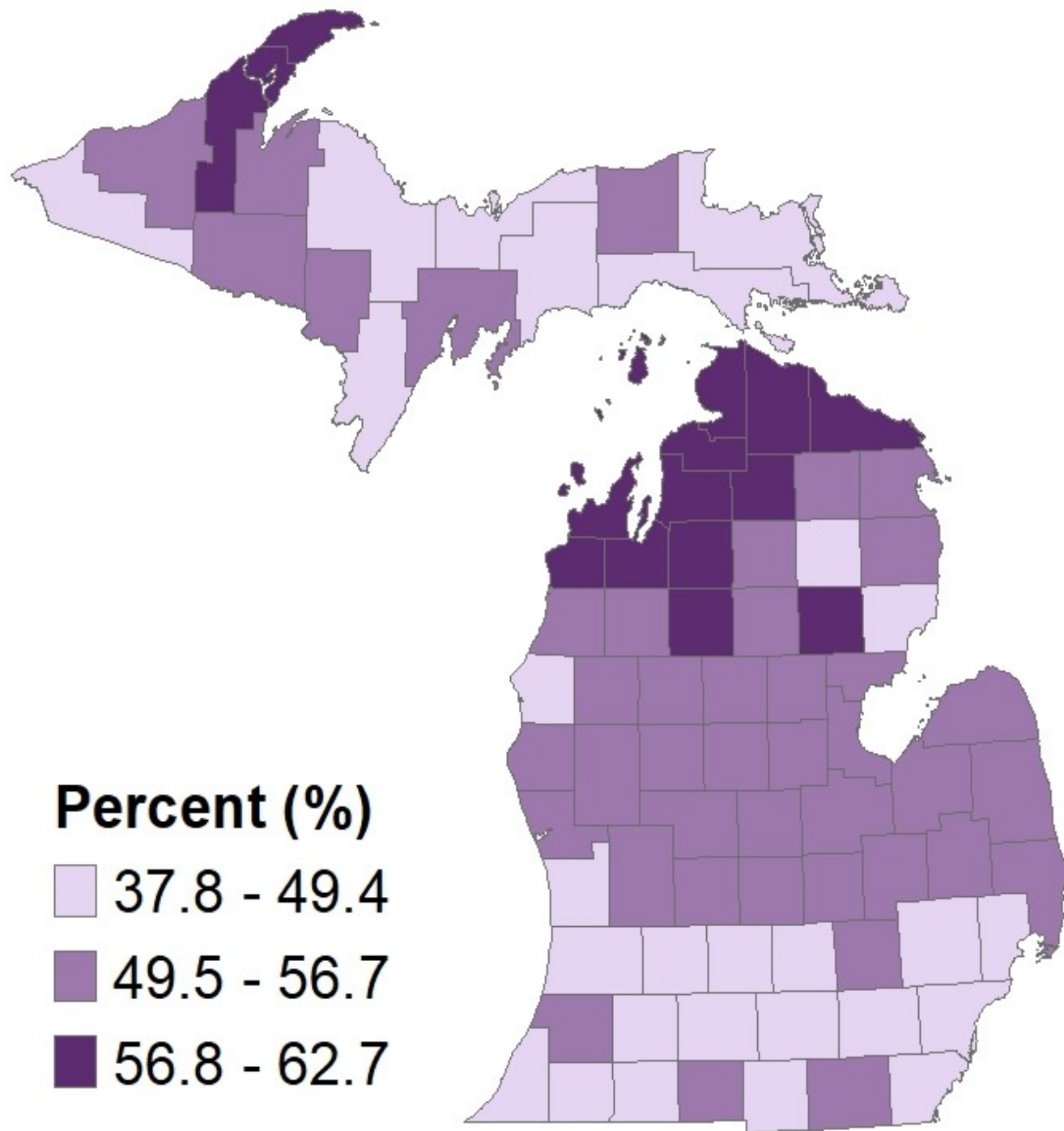
1+ Preventive Dental Service (%):

The proportion of enrollees in Medicaid (ages 0-18 or 19-64 years) with one or more preventive dental visits. A dental visit was counted as preventive if they had a service date with one of the following dental procedure codes: D1120, D1110, D1206, D1208, D1351 or D1354. The dental visit could have occurred in a medical or dental office.

Map of Michigan with County Names



1+ Dental Service, 0-18 Years

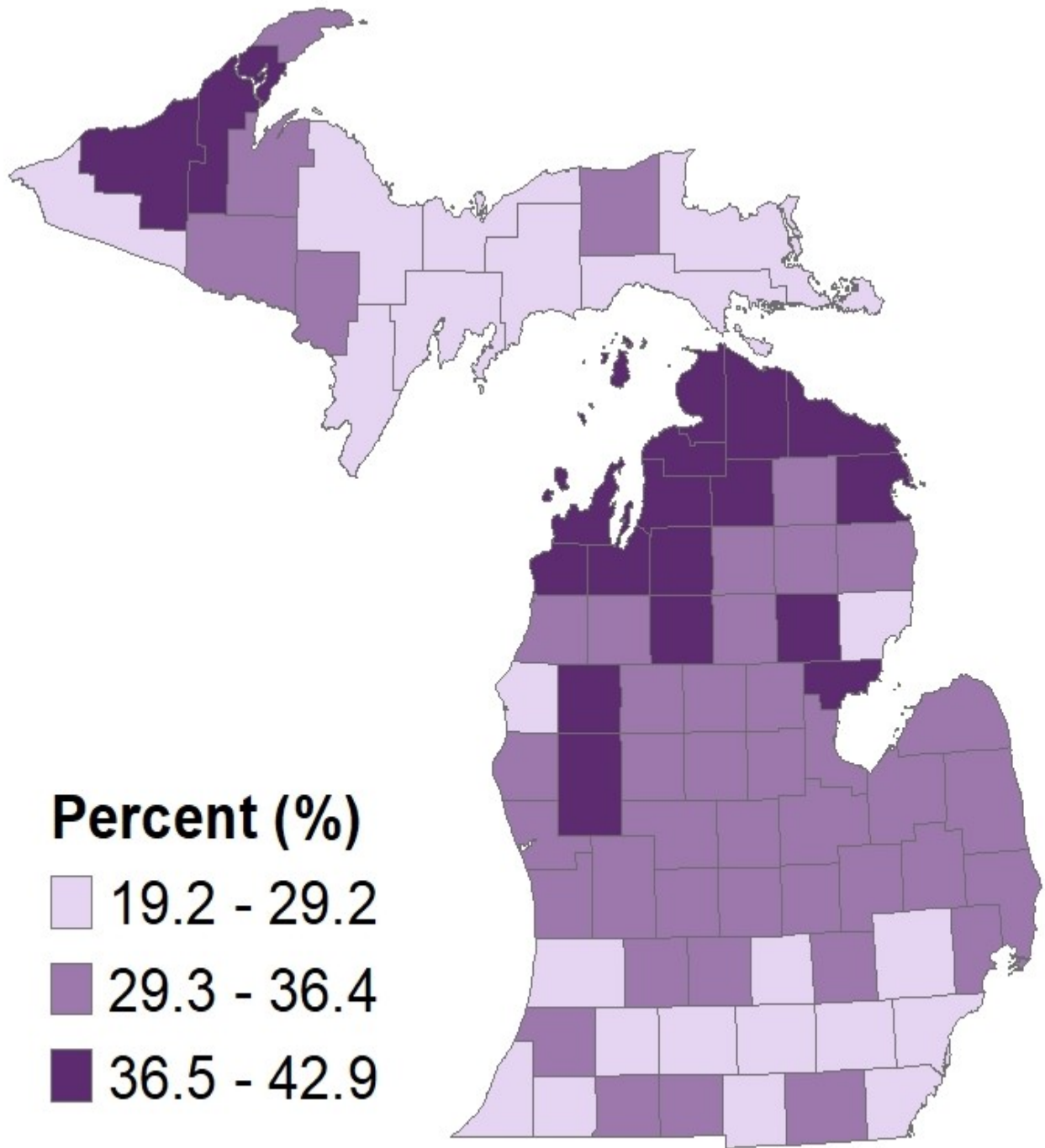


Data Notes: Prepared by the Michigan Department of Health and Human Services, Lifecourse Epidemiology and Genomics Division with source data from the Michigan Medicaid Data Warehouse, 2019. Medicaid population is restricted to those with three or more months of Medicaid dental insurance. A dental visit could have occurred in a medical or dental office.

1+ Dental Services 0-18 Years

County	Percent	County	Percent
Alcona	50.6	Lake	56.1
Alger	47.4	Lapeer	55.6
Allegan	49.0	Leelanau	58.0
Alpena	56.6	Lenawee	51.2
Antrim	62.0	Livingston	51.6
Arenac	56.2	Luce	51.6
Baraga	56.7	Mackinac	39.7
Barry	47.6	Macomb	49.2
Bay	51.3	Manistee	52.2
Benzie	59.6	Marquette	49.1
Berrien	47.4	Mason	46.7
Branch	50.6	Mecosta	52.8
Calhoun	45.9	Menominee	44.2
Cass	46.2	Midland	52.8
Charlevoix	62.1	Missaukee	62.7
Cheboygan	60.6	Monroe	43.1
Chippewa	44.6	Montcalm	55.5
Clare	55.9	Montmorency	54.1
Clinton	49.7	Muskegon	52.8
Crawford	53.8	Newaygo	56.5
Delta	51.8	Oakland	47.7
Dickinson	53.3	Oceana	53.4
Eaton	49.3	Ogemaw	58.0
Emmet	60.0	Ontonagon	56.2
Genesee	55.0	Osceola	51.4
Gladwin	54.4	Oscoda	49.1
Gogebic	37.8	Otsego	58.9
Grand Traverse	59.5	Ottawa	47.8
Gratiot	55.1	Presque Isle	61.5
Hillsdale	47.6	Roscommon	55.0
Houghton	60.9	Saginaw	50.8
Huron	53.7	Sanilac	54.7
Ingham	49.0	Schoolcraft	49.2
Ionia	53.4	Shiawassee	52.7
Iosco	47.1	St. Clair	51.5
Iron	54.0	St. Joseph	48.7
Isabella	52.2	Tuscola	53.3
Jackson	48.8	Van Buren	52.8
Kalamazoo	48.9	Washtenaw	48.4
Kalkaska	62.0	Wayne	45.5
Kent	53.4	Wexford	54.7
Keweenaw	58.9	State of Michigan	49.4

2+ Dental Services 0-18 Years

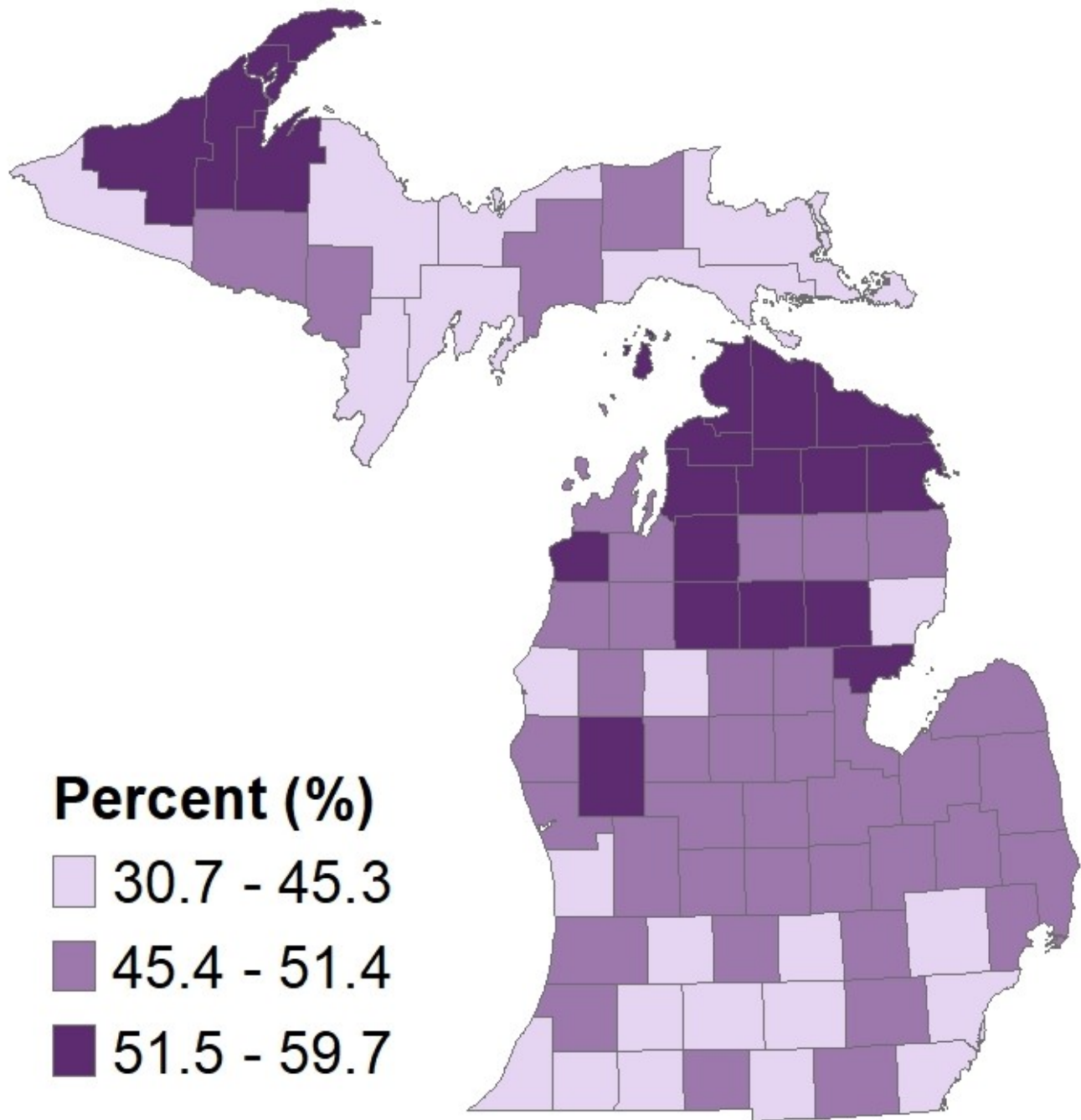


Data Notes: Prepared by the Michigan Department of Health and Human Services, Lifecourse Epidemiology and Genomics Division with source data from the Michigan Medicaid Data Warehouse, 2019. Medicaid population is restricted to those with three or more months of Medicaid dental insurance. A dental visit could have occurred in a medical or dental office.

2+ Dental Services 0-18 Years

County	Percent	County	Percent
Alcona	33.1	Lake	38.5
Alger	27.5	Lapeer	35.3
Allegan	28.9	Leelanau	39.9
Alpena	37.2	Lenawee	31.3
Antrim	42.2	Livingston	33.5
Arenac	37.5	Luce	33.5
Baraga	36.4	Mackinac	23.5
Barry	31.3	Macomb	29.6
Bay	32.7	Manistee	32.2
Benzie	39.9	Marquette	28.0
Berrien	25.0	Mason	29.0
Branch	32.7	Mecosta	33.5
Calhoun	24.7	Menominee	23.5
Cass	27.3	Midland	35.1
Charlevoix	42.9	Missaukee	40.1
Cheboygan	40.7	Monroe	25.6
Chippewa	23.7	Montcalm	35.2
Clare	34.4	Montmorency	32.8
Clinton	29.8	Muskegon	33.2
Crawford	32.2	Newaygo	37.2
Delta	27.0	Oakland	28.1
Dickinson	33.6	Oceana	34.2
Eaton	29.4	Ogemaw	40.5
Emmet	40.5	Ontonagon	42.0
Genesee	33.1	Osceola	30.4
Gladwin	34.6	Oscoda	29.3
Gogebic	19.2	Otsego	39.8
Grand Traverse	39.8	Ottawa	29.4
Gratiot	35.3	Presque Isle	39.7
Hillsdale	27.2	Roscommon	34.7
Houghton	39.6	Saginaw	31.4
Huron	36.3	Sanilac	36.4
Ingham	27.4	Schoolcraft	23.8
Ionia	35.6	Shiawassee	33.8
Iosco	29.2	St. Clair	33.8
Iron	32.6	St. Joseph	29.7
Isabella	32.4	Tuscola	35.0
Jackson	26.2	Van Buren	32.0
Kalamazoo	25.1	Washtenaw	28.5
Kalkaska	42.0	Wayne	24.6
Kent	34.0	Wexford	31.9
Keweenaw	32.7	State of Michigan	29.2

1+ Preventive Dental Service, 0-18 Years

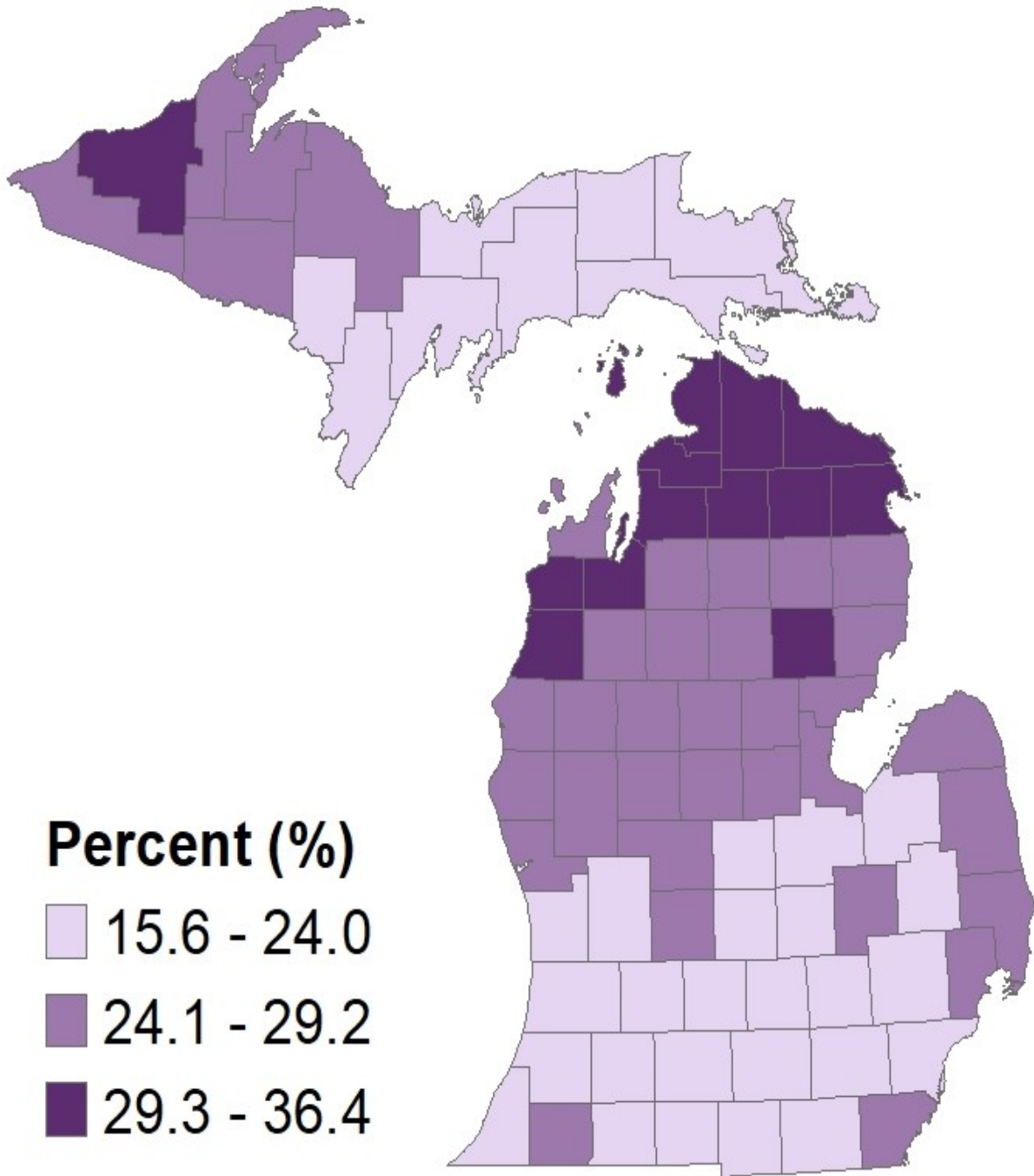


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1+ Preventive Dental Services, 0-18 Years

County	Percent	County	Percent
Alcona	47.2	Lake	49.7
Alger	43.9	Lapeer	46.8
Allegan	45.6	Leelanau	50.6
Alpena	53.5	Lenawee	48.4
Antrim	58.2	Livingston	48.5
Arenac	52.7	Luce	46.0
Baraga	52.2	Mackinac	36.4
Barry	44.4	Macomb	45.5
Bay	45.7	Manistee	48.8
Benzie	53.2	Marquette	44.5
Berrien	44.0	Mason	43.5
Branch	46.7	Mecosta	47.0
Calhoun	41.4	Menominee	37.5
Cass	42.6	Midland	49.6
Charlevoix	59.7	Missaukee	54.6
Cheboygan	58.1	Monroe	39.7
Chippewa	39.5	Montcalm	51.3
Clare	51.4	Montmorency	51.6
Clinton	45.7	Muskegon	47.7
Crawford	50.8	Newaygo	52.4
Delta	43.4	Oakland	44.3
Dickinson	49.2	Oceana	50.2
Eaton	45.7	Ogemaw	55.1
Emmet	57.5	Ontonagon	51.9
Genesee	48.7	Osceola	44.8
Gladwin	50.2	Oscoda	46.0
Gogebic	30.7	Otsego	56.3
Grand Traverse	50.4	Ottawa	45.1
Gratiot	50.9	Presque Isle	57.5
Hillsdale	43.3	Roscommon	51.7
Houghton	55.9	Saginaw	46.0
Huron	50.2	Sanilac	50.9
Ingham	44.5	Schoolcraft	46.1
Ionia	49.9	Shiawassee	48.7
Iosco	42.4	St. Clair	48.8
Iron	45.9	St. Joseph	44.8
Isabella	46.4	Tuscola	47.7
Jackson	44.4	Van Buren	48.5
Kalamazoo	44.1	Washtenaw	45.5
Kalkaska	57.1	Wayne	41.9
Kent	49.1	Wexford	45.8
Keweenaw	54.2	State of Michigan	45.3

1+ Dental Service, 19-64 Years

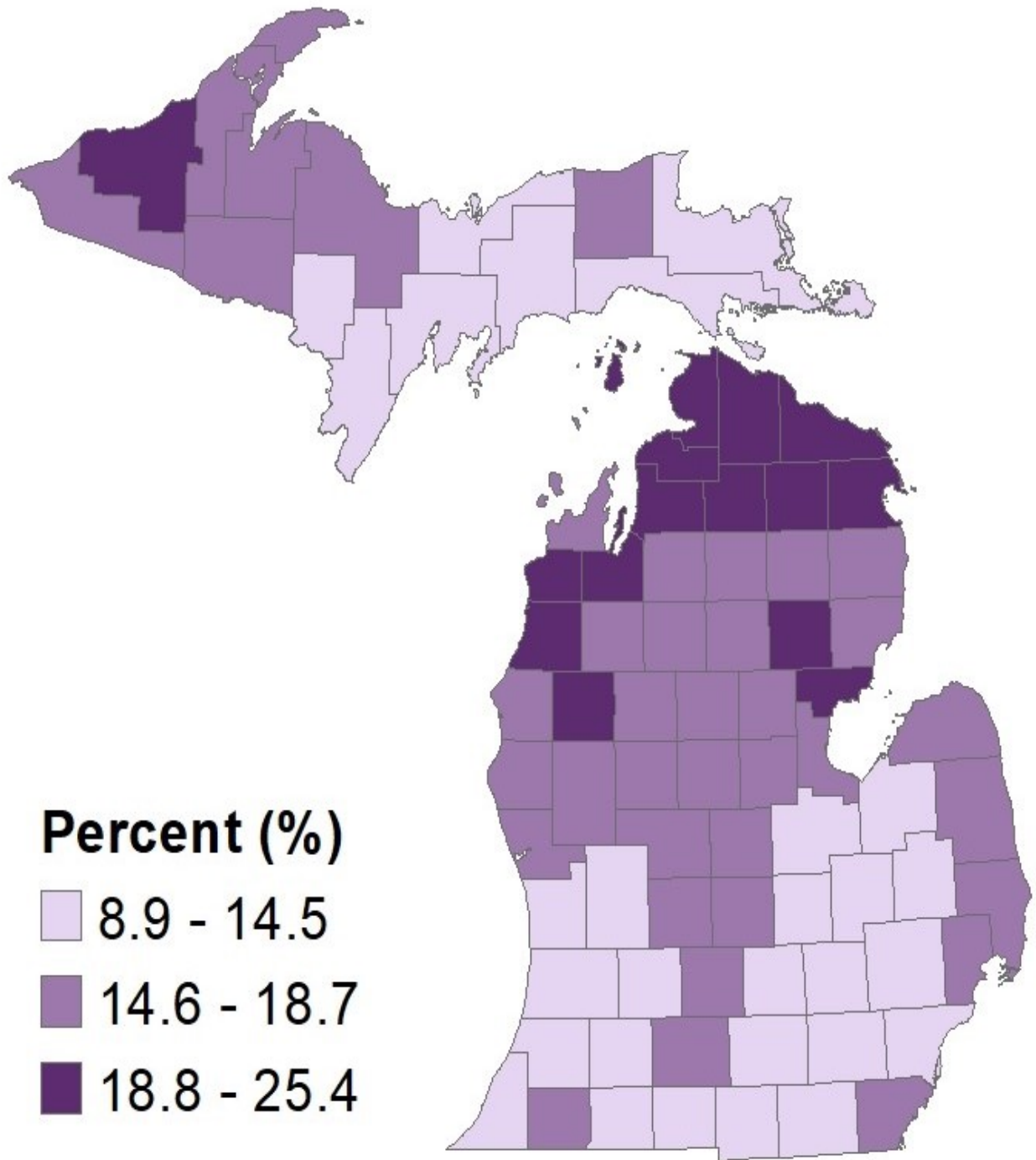


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1+ Dental Services, 19-64 Years

County	Percent	County	Percent
Alcona	28.5	Lake	28.5
Alger	24.0	Lapeer	22.4
Allegan	22.9	Leelanau	27.7
Alpena	32.5	Lenawee	19.6
Antrim	31.1	Livingston	22.2
Arenac	29.2	Luce	23.2
Baraga	24.8	Mackinac	21.6
Barry	19.6	Macomb	27.8
Bay	24.2	Manistee	32.0
Benzie	31.8	Marquette	26.5
Berrien	22.4	Mason	25.0
Branch	22.4	Mecosta	26.4
Calhoun	23.6	Menominee	16.4
Cass	24.9	Midland	24.4
Charlevoix	36.4	Missaukee	25.9
Cheboygan	32.4	Monroe	24.4
Chippewa	22.1	Montcalm	27.5
Clare	27.8	Montmorency	34.0
Clinton	23.5	Muskegon	27.4
Crawford	24.6	Newaygo	27.3
Delta	20.8	Oakland	23.9
Dickinson	15.6	Oceana	27.2
Eaton	23.2	Ogemaw	32.0
Emmet	33.5	Ontonagon	31.8
Genesee	24.6	Osceola	25.9
Gladwin	26.4	Oscoda	26.4
Gogebic	26.5	Otsego	32.4
Grand Traverse	30.0	Ottawa	21.3
Gratiot	23.0	Presque Isle	32.4
Hillsdale	21.6	Roscommon	27.8
Houghton	28.0	Saginaw	22.2
Huron	24.3	Sanilac	27.1
Ingham	22.4	Schoolcraft	20.8
Ionia	24.4	Shiawassee	22.3
Iosco	25.9	St. Clair	25.2
Iron	26.8	St. Joseph	22.9
Isabella	25.4	Tuscola	20.3
Jackson	23.6	Van Buren	22.2
Kalamazoo	21.3	Washtenaw	23.2
Kalkaska	28.6	Wayne	22.9
Kent	22.1	Wexford	26.9
Keweenaw	27.3	State of Michigan	24.0

2+ Dental Services, 19-64 Years



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2+ Dental Services, 19-64 Years

County	Percent	County	Percent
Alcona	18.5	Lake	19.8
Alger	14.1	Lapeer	14.3
Allegan	14.1	Leelanau	18.0
Alpena	22.1	Lenawee	12.5
Antrim	21.6	Livingston	14.4
Arenac	21.9	Luce	14.7
Baraga	16.4	Mackinac	12.8
Barry	12.6	Macomb	16.5
Bay	16.4	Manistee	21.4
Benzie	20.8	Marquette	16.7
Berrien	14.3	Mason	16.1
Branch	14.3	Mecosta	17.4
Calhoun	14.9	Menominee	9.9
Cass	16.6	Midland	17.0
Charlevoix	25.4	Missaukee	16.1
Cheboygan	22.1	Monroe	15.7
Chippewa	12.3	Montcalm	18.1
Clare	17.3	Montmorency	21.8
Clinton	14.7	Muskegon	18.2
Crawford	16.7	Newaygo	18.0
Delta	12.3	Oakland	14.4
Dickinson	8.9	Oceana	17.3
Eaton	14.8	Ogemaw	23.6
Emmet	23.2	Ontonagon	21.5
Genesee	13.8	Osceola	16.8
Gladwin	17.3	Oscoda	16.9
Gogebic	16.6	Otsego	21.0
Grand Traverse	20.1	Ottawa	12.8
Gratiot	15.1	Presque Isle	21.7
Hillsdale	12.6	Roscommon	18.5
Houghton	18.7	Saginaw	13.5
Huron	16.8	Sanilac	18.3
Ingham	12.7	Schoolcraft	12.7
Ionia	16.2	Shiawassee	14.4
Iosco	18.1	St. Clair	16.8
Iron	16.4	St. Joseph	14.0
Isabella	15.3	Tuscola	13.2
Jackson	14.4	Van Buren	14.3
Kalamazoo	11.6	Washtenaw	14.1
Kalkaska	18.6	Wayne	12.8
Kent	13.6	Wexford	17.6
Keweenaw	16.4	State of Michigan	14.5

1+ Preventive Dental Service, 19-64 Years

County	Percent	County	Percent
Alcona	17.9	Lake	16.9
Alger	17.3	Lapeer	12.5
Allegan	13.0	Leelanau	19.8
Alpena	22.6	Lenawee	8.2
Antrim	24.1	Livingston	14.0
Arenac	19.1	Luce	12.3
Baraga	14.7	Mackinac	12.9
Barry	8.6	Macomb	16.5
Bay	12.7	Manistee	20.4
Benzie	18.1	Marquette	19.2
Berrien	11.4	Mason	17.0
Branch	13.2	Mecosta	17.1
Calhoun	10.8	Menominee	11.7
Cass	13.7	Midland	16.0
Charlevoix	28.6	Missaukee	16.7
Cheboygan	23.1	Monroe	13.0
Chippewa	12.6	Montcalm	17.2
Clare	18.2	Montmorency	19.2
Clinton	14.7	Muskegon	16.2
Crawford	15.9	Newaygo	16.1
Delta	13.4	Oakland	14.2
Dickinson	11.3	Oceana	17.9
Eaton	13.5	Ogemaw	22.4
Emmet	24.4	Ontonagon	20.2
Genesee	13.7	Osceola	16.9
Gladwin	17.4	Oscoda	15.4
Gogebic	12.2	Otsego	23.9
Grand Traverse	21.7	Ottawa	13.1
Gratiot	14.5	Presque Isle	20.4
Hillsdale	10.7	Roscommon	19.0
Houghton	19.2	Saginaw	11.3
Huron	15.5	Sanilac	17.2
Ingham	11.7	Schoolcraft	13.4
Ionia	14.2	Shiawassee	12.5
Iosco	16.1	St. Clair	15.7
Iron	15.3	St. Joseph	12.5
Isabella	16.9	Tuscola	11.3
Jackson	10.0	Van Buren	11.0
Kalamazoo	10.0	Washtenaw	13.4
Kalkaska	20.0	Wayne	11.5
Kent	12.3	Wexford	16.4
Keweenaw	17.6	State of Michigan	13.4