

Physician Supply and Distribution in Michigan, 2004

March 2006

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Preface

This report presents an in depth profile of the physician supply in Michigan in 2004. This report was prepared for and with funding from the Michigan Blue Ribbon Committee on Physician Workforce. It is one component of the major reform and planning effort initiated by the Michigan Blue Ribbon Committee on Physician Workforce in response to national near-term projections of substantial physician workforce shortages. This report is intended to provide useful information for policy makers, educators, and other interested parties.

This report was prepared by the Center for Health Workforce Studies at the University at Albany, State University of New York. The Center is dedicated to the collection, analysis, and distribution of health workforce data to assist health, professional and educational organizations, policy makers, and the public understand issues related to the supply, demand, distribution, and use of health workers. This report was prepared by Gaetano J. Forte and David P. Armstrong. The views expressed in this report are those of the Center for Health Workforce Studies and do not necessarily represent positions or policies of the School of Public Health, University at Albany, State University of New York; Michigan State University; the College of Human Medicine -- Michigan State University; the College of Osteopathic Medicine -- Michigan State University; the University of Michigan; the University of Michigan Medical School, Wayne State University; the School of Medicine -- Wayne State University; Henry Ford Hospital; Ingham Regional Medical Center; the Michigan Department of Community Health; the Michigan Department of Labor and Economic Growth; the Michigan Association of Health Plans; the Michigan Health Council; the Michigan Health and Hospital Association; the Michigan Osteopathic Association; the Michigan Primary Care Association; the Michigan State Medical Society; the Michigan State Area Health Education Center; and the MSU Institute for Health Care Studies.

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Overview: Physician Supply in Michigan, 2004

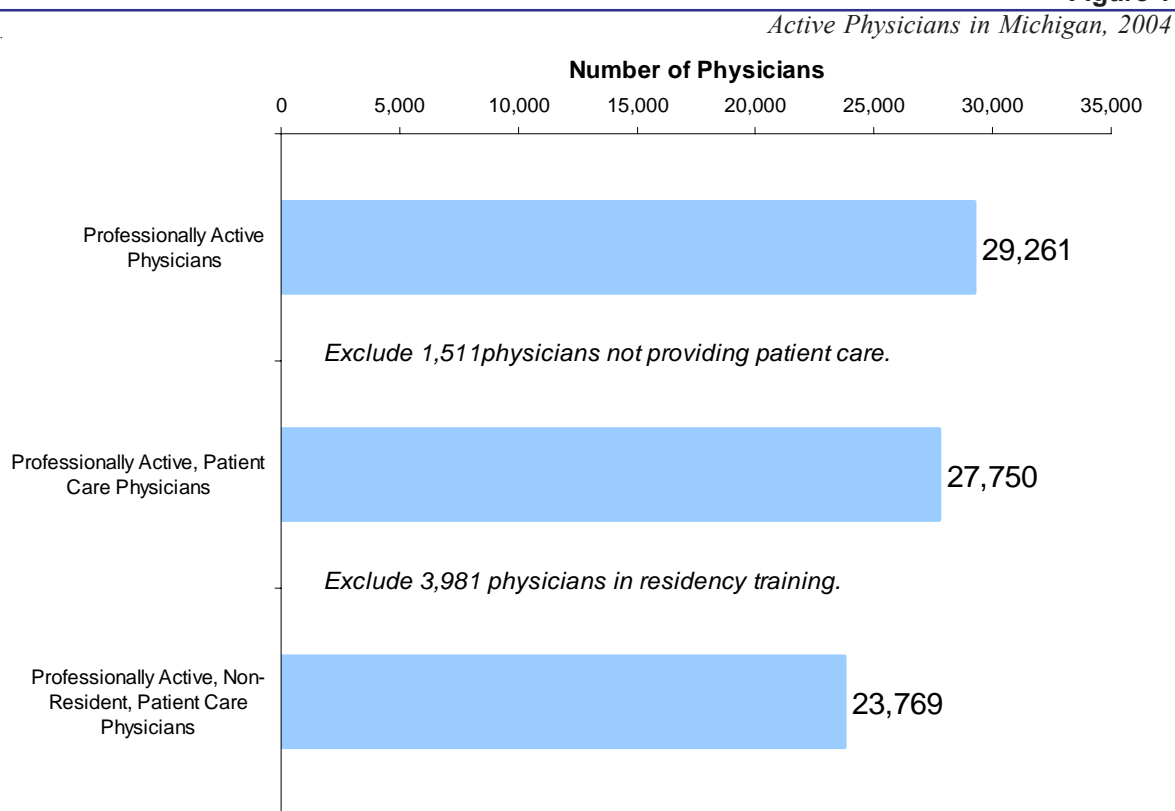
Introduction

Physicians are central to the delivery of health care to the citizens of Michigan. This report provides a variety of quantitative measures on the size, distribution, and characteristics of the physician workforce in Michigan. An effort has been made to present tables and charts that reveal patterns to help readers better understand the dynamics of the physician workforce and to design programs and policies to help improve access to health care in the state.

Physician Profile Overview

In 2004, more than 29,000 physicians were active in the state of Michigan. In profiling this population, data were drawn from the American Medical Association (AMA) Physician Masterfile as well as the AMA's Graduate Medical Education Database.

Figure 1



Source: American Medical Association Physician Masterfile, December 2004

In 2004, there were 29,261 professionally active physicians¹ in the state of Michigan. Of these, 23,769 (81%) were active patient care physicians. Another 1,511 (5%) were active in the field of medicine, but did not report patient care activity. The remaining 3,981 (5%) were in residency or fellowship training (Figure 1).

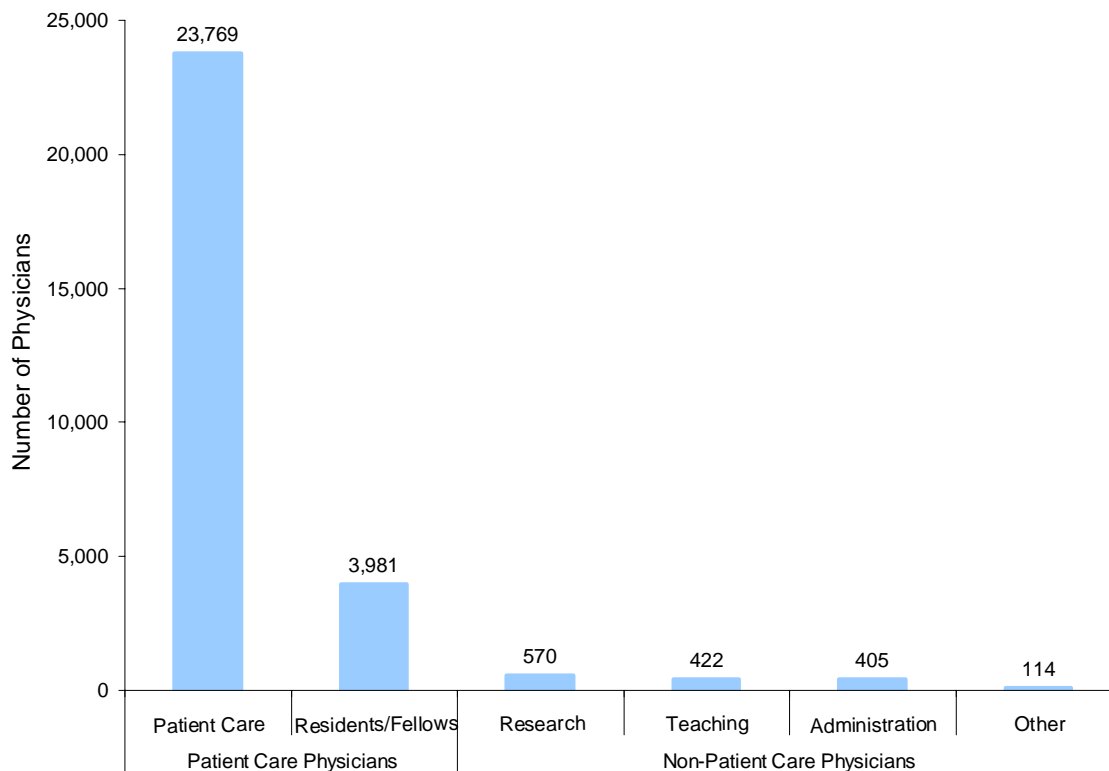
¹ Physicians were considered professionally active if the AMA classified them as neither retired nor inactive in medicine. Physicians whose activity status was unclassified (approximately 2,900) were proportionally allocated to the known activity categories.

Overview: Physician Supply in Michigan, 2004

Figure 2 presents estimates of the number of active physicians engaged in patient care and non-patient care activities. The figure shows clearly that patient care occupies the majority of Michigan's physicians, while residencies and fellowships (which also typically involve patient care) constitute the second largest activity. Much smaller numbers of physicians are engaged in administration, research, and teaching.

Figure 2

Estimated Number of Active Physicians in Michigan by Professional Activity, 2004



Source: American Medical Association Physician Masterfile, December 2004

The county with the largest percentage of active physicians was Wayne county (22% of all physicians in the state), while one county (Keweenaw) had no active physicians. Estimated counts for each of the 83 counties in the state are provided in Table 1.

The region with the largest percentage of active physicians was the Detroit Area (49%). The Ann Arbor Area followed this, with another 12% of all physicians in the state. The East Central and Northeast Michigan regions each had less than 1% of all the active physicians in the state.

Overview: Physician Supply in Michigan, 2004

Table 1

Estimated Number of Active Physicians in Michigan by County, 2004

Region/County	All Active Physicians		Active Patient Care Physicians		Residents/ Fellows		Administration		Research		Teaching	
	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total
Ann Arbor Area	3,440	11.8%	2,359	9.9%	755	19.0%	58	10.1%	186	44.1%	74	18.3%
Livingston	159	0.5%	142	0.6%	13	0.3%	1	0.2%	1	0.3%	1	0.3%
Washtenaw	3,281	11.2%	2,217	9.3%	742	18.6%	57	9.9%	185	43.9%	73	18.0%
Detroit Area	14,353	49.0%	11,454	48.2%	2,211	55.5%	287	50.3%	156	37.0%	185	45.7%
Macomb	1,858	6.3%	1,632	6.9%	173	4.4%	17	3.0%	8	1.9%	20	5.0%
Oakland	5,927	20.3%	4,715	19.8%	961	24.1%	129	22.6%	41	9.7%	52	12.7%
St. Clair	263	0.9%	251	1.1%	6	0.1%	3	0.6%	0	0.1%	1	0.3%
Wayne	6,305	21.5%	4,856	20.4%	1,072	26.9%	137	24.1%	107	25.3%	112	27.7%
East Central	144	0.5%	138	0.6%	5	0.1%	0	0.0%	0	0.0%	0	0.0%
Arenac	11	0.0%	11	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Clare	28	0.1%	28	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Gladwin	19	0.1%	17	0.1%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Iosco	30	0.1%	27	0.1%	2	0.1%	0	0.0%	0	0.0%	0	0.0%
Ogemaw	33	0.1%	32	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Roscommon	24	0.1%	23	0.1%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Flint Area	1,428	4.9%	1,165	4.9%	216	5.4%	21	3.7%	3	0.8%	20	5.0%
Genesee	1,322	4.5%	1,067	4.5%	214	5.4%	19	3.3%	3	0.8%	17	4.2%
Shiawassee	105	0.4%	98	0.4%	2	0.0%	2	0.4%	0	0.0%	3	0.8%
Grand Rapids-Muskegon	2,654	9.1%	2,315	9.7%	257	6.5%	36	6.4%	13	3.0%	25	6.3%
Allegan	65	0.2%	57	0.2%	6	0.2%	1	0.2%	0	0.0%	0	0.0%
Kent	1,875	6.4%	1,584	6.7%	228	5.7%	23	4.1%	10	2.3%	24	5.9%
Muskegon	355	1.2%	338	1.4%	9	0.2%	5	0.8%	2	0.6%	1	0.3%
Oceana	22	0.1%	20	0.1%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Ottawa	338	1.2%	315	1.3%	13	0.3%	7	1.3%	0	0.1%	0	0.1%
Jackson Area	583	2.0%	535	2.3%	32	0.8%	9	1.5%	0	0.1%	2	0.6%
Hillsdale	51	0.2%	46	0.2%	3	0.1%	1	0.2%	0	0.0%	1	0.3%
Jackson	240	0.8%	225	0.9%	10	0.3%	2	0.4%	0	0.0%	1	0.3%
Lenawee	124	0.4%	117	0.5%	5	0.1%	2	0.4%	0	0.0%	0	0.0%
Monroe	169	0.6%	148	0.6%	14	0.4%	3	0.6%	0	0.0%	0	0.0%
Kalamazoo-Battle Creek	1,426	4.9%	1,201	5.1%	137	3.4%	43	7.6%	19	4.5%	17	4.2%
Barry	44	0.1%	43	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Branch	61	0.2%	57	0.2%	4	0.1%	0	0.0%	0	0.0%	0	0.0%
Calhoun	324	1.1%	297	1.2%	9	0.2%	12	2.1%	1	0.3%	0	0.0%
Kalamazoo	935	3.2%	745	3.1%	123	3.1%	31	5.4%	17	3.9%	16	4.1%
St. Joseph	63	0.2%	59	0.3%	1	0.0%	0	0.0%	1	0.2%	0	0.0%
Lansing Area	1,460	5.0%	1,131	4.8%	200	5.0%	48	8.4%	30	7.2%	42	10.4%
Clinton	42	0.1%	37	0.2%	4	0.1%	0	0.0%	0	0.0%	0	0.0%
Eaton	117	0.4%	103	0.4%	11	0.3%	2	0.4%	0	0.0%	0	0.0%
Ingham	1,302	4.4%	990	4.2%	184	4.6%	46	8.0%	30	7.1%	42	10.4%

Overview: Physician Supply in Michigan, 2004

Table 1 (cont.)

Estimated Number of Active Physicians in Michigan by County, 2004

Region/County	All Active Physicians		Active Patient Care Physicians		Residents/ Fellows		Administration		Research		Teaching	
	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total
Northeast	232	0.8%	216	0.9%	7	0.2%	2	0.4%	0	0.1%	4	1.1%
Alcona	3	0.0%	3	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Alpena	89	0.3%	87	0.4%	1	0.0%	0	0.0%	0	0.0%	1	0.3%
Cheboygan	45	0.2%	42	0.2%	2	0.0%	1	0.2%	0	0.0%	0	0.0%
Crawford	27	0.1%	25	0.1%	2	0.0%	0	0.0%	0	0.0%	0	0.0%
Montmorency	9	0.0%	8	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Oscoda	3	0.0%	2	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.2%
Ostego	47	0.2%	41	0.2%	3	0.1%	1	0.2%	0	0.0%	2	0.5%
Presque Isle	9	0.0%	9	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Northwest	825	2.8%	759	3.2%	25	0.6%	20	3.6%	6	1.5%	7	1.8%
Antrim	16	0.1%	15	0.1%	0	0.0%	0	0.0%	1	0.2%	0	0.0%
Benzie	22	0.1%	18	0.1%	0	0.0%	1	0.2%	1	0.2%	0	0.0%
Charlevoix	38	0.1%	37	0.2%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Emmet	181	0.6%	170	0.7%	1	0.0%	6	1.1%	2	0.5%	1	0.3%
Grand Traverse	422	1.4%	386	1.6%	18	0.4%	9	1.6%	2	0.5%	4	1.0%
Kalkaska	9	0.0%	8	0.0%	0	0.0%	1	0.2%	0	0.0%	0	0.0%
Leelanau	14	0.0%	12	0.1%	1	0.0%	0	0.0%	0	0.0%	1	0.2%
Manistee	39	0.1%	35	0.1%	1	0.0%	0	0.0%	0	0.0%	1	0.3%
Missaukee	4	0.0%	4	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Wexford	81	0.3%	75	0.3%	2	0.1%	3	0.5%	0	0.0%	0	0.0%
Saginaw-Thumb	1,252	4.3%	1,113	4.7%	94	2.4%	24	4.3%	2	0.5%	17	4.2%
Bay	197	0.7%	191	0.8%	5	0.1%	0	0.1%	0	0.1%	0	0.1%
Huron	51	0.2%	47	0.2%	3	0.1%	0	0.0%	0	0.0%	0	0.0%
Lapeer	107	0.4%	100	0.4%	2	0.1%	2	0.4%	0	0.0%	2	0.5%
Midland	205	0.7%	178	0.7%	15	0.4%	6	1.1%	0	0.0%	4	1.0%
Saginaw	606	2.1%	519	2.2%	63	1.6%	12	2.2%	1	0.3%	10	2.6%
Sanilac	41	0.1%	37	0.2%	2	0.0%	2	0.4%	0	0.0%	0	0.0%
Tuscola	46	0.2%	42	0.2%	2	0.1%	1	0.2%	0	0.0%	0	0.0%
Southwest Michigan	383	1.3%	364	1.5%	10	0.3%	4	0.8%	1	0.3%	1	0.3%
Berrien	288	1.0%	270	1.1%	10	0.2%	4	0.7%	1	0.3%	1	0.3%
Cass	23	0.1%	22	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Van Buren	73	0.2%	72	0.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Upper Peninsula	622	2.1%	578	2.4%	19	0.5%	13	2.2%	2	0.6%	8	2.1%
Alger	11	0.0%	10	0.0%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Baraga	9	0.0%	9	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Chippewa	57	0.2%	55	0.2%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Delta	64	0.2%	60	0.3%	0	0.0%	1	0.2%	0	0.0%	2	0.5%
Dickinson	79	0.3%	74	0.3%	1	0.0%	2	0.4%	1	0.3%	1	0.3%
Gogebic	27	0.1%	26	0.1%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Houghton	62	0.2%	62	0.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Iron	13	0.0%	11	0.0%	0	0.0%	1	0.2%	1	0.2%	0	0.0%
Keweenaw	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Luce	11	0.0%	10	0.0%	0	0.0%	1	0.2%	0	0.0%	0	0.0%
Mackinac	15	0.1%	15	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Marquette	244	0.8%	217	0.9%	14	0.4%	6	1.1%	0	0.1%	5	1.3%
Menominee	13	0.0%	13	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Ontonagon	5	0.0%	5	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Schoolcraft	13	0.0%	12	0.0%	0	0.0%	1	0.2%	0	0.0%	0	0.0%

Overview: Physician Supply in Michigan, 2004

Table 1 (cont.)

Estimated Number of Active Physicians in Michigan by County, 2004

Region/County	All Active Physicians		Active Patient Care Physicians		Residents/ Fellows		Administration		Research		Teaching	
	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total	Number	Percent of MI Total
West Central	459	1.6%	439	1.8%	12	0.3%	4	0.7%	2	0.4%	1	0.1%
Gratiot	67	0.2%	65	0.3%	2	0.0%	0	0.0%	0	0.0%	0	0.0%
Ionia	49	0.2%	45	0.2%	2	0.1%	1	0.2%	0	0.0%	0	0.0%
Isabella	98	0.3%	94	0.4%	2	0.1%	1	0.2%	0	0.0%	0	0.0%
Lake	6	0.0%	5	0.0%	0	0.0%	0	0.0%	1	0.2%	0	0.0%
Mason	56	0.2%	55	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mecosta	44	0.2%	42	0.2%	0	0.0%	1	0.2%	0	0.0%	0	0.0%
Montcalm	79	0.3%	78	0.3%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Nwaygo	43	0.1%	39	0.2%	3	0.1%	0	0.0%	0	0.0%	0	0.0%
Osceola	18	0.1%	17	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	29,261	100%	23,769	100%	3,981	100%	570	100%	422	100%	405	100%

Note: Total physician column does not sum to total due to missing specialty information in the AMA Masterfile.

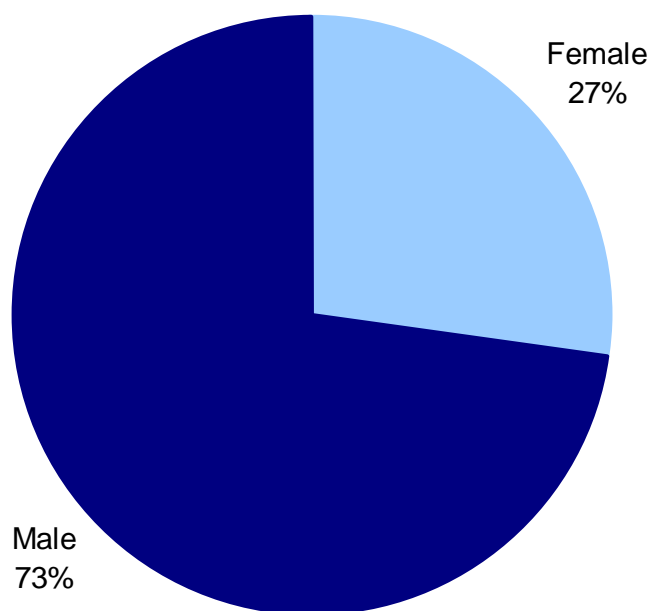
Source: American Medical Association Physician Masterfile, December 2004

Physician Demographics

Physicians in Michigan were predominantly male (73% in 2004), as shown in Figure 3. The representation of women varied greatly by specialty. Pediatrics had the largest contingent of women (56%). Primary care specialties and obstetrics/gynecology were among the specialties with the greatest proportion of women. Surgery and its related subspecialties had the smallest representation of women.

Figure 3

Gender of Active Patient Care Physicians in Michigan, 2004



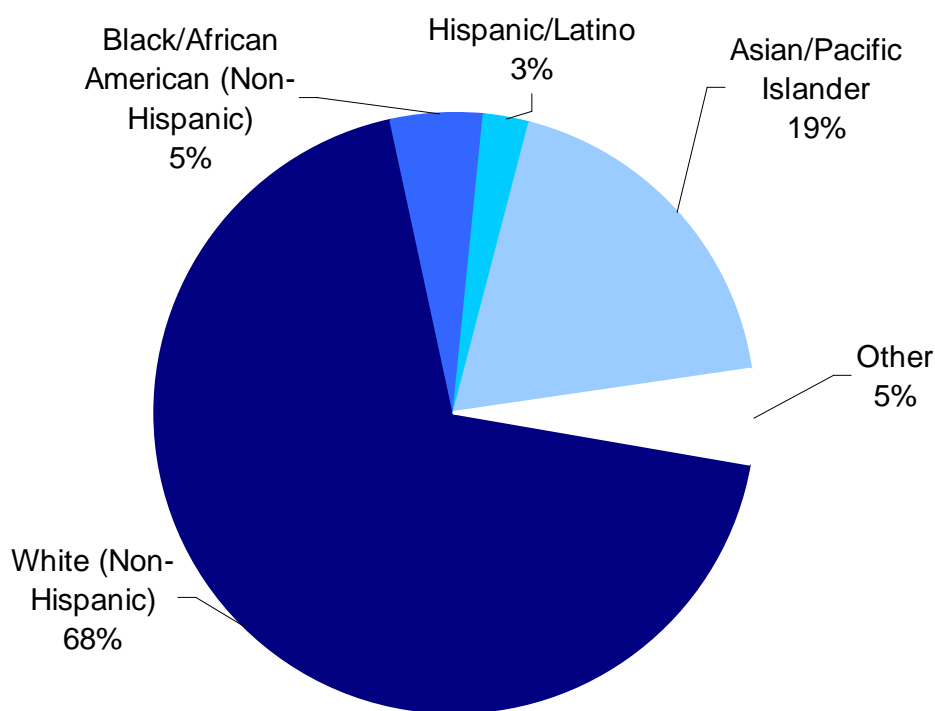
Source: American Medical Association Physician Masterfile, December 2002

Overview: Physician Supply in Michigan, 2004

Figure 4 shows the racial/ethnic composition of Michigan's physicians. The majority of physicians (69%) were white. Asian/Pacific Islander physicians made up the second most numerous group, representing about 19% of physicians. Black/African Americans made up 5% of physicians, and Hispanic/Latinos made up only 3% of physicians. Physicians reporting another race or ethnicity (including Native American/Alaskan Natives) made up the remaining 5% of the physician workforce.

Figure 4

Race/Ethnicity of Active Patient Care Physicians in Michigan, 2004



Source: American Medical Association Physician Masterfile, December 2004

The representation of under-represented minorities varied considerably by specialty (Table 2). Nephrology, Endocrinology and Metabolism, and Preventive Medicine/Occupational Medicine/ Public Health had the largest proportions of under-represented minorities. Orthopedics had the least representation of under-represented minorities.

Overview: Physician Supply in Michigan, 2004

Table 2

Gender, Race/Ethnicity and IMG Status of Active Patient Care Physicians in Michigan by Specialty, 2004

Specialty	Active Patient Care Physicians	Percent Female	Percent Under-Represented Minority	Percent International Medical Graduate
Primary Care	8,822	34.8%	8.9%	32.1%
Family Medicine	3,925	30.5%	8.0%	18.7%
Internal Medicine (General)	3,426	30.9%	9.5%	44.8%
Pediatrics (General)	1,472	55.6%	9.6%	38.2%
Ob/Gyn	1,342	41.0%	12.3%	18.6%
Obstetrics & Gynecology	1,276	41.6%	12.7%	17.9%
Gynecology (Only)	66	30.3%	4.3%	30.3%
IM Specialties	2,167	17.6%	7.6%	44.1%
Cardiology	602	7.0%	8.1%	43.5%
Endocrinology & Metabolism	97	34.4%	13.8%	48.5%
Gastroenterology	264	11.7%	6.4%	35.6%
Geriatrics	73	38.4%	2.0%	56.2%
Infectious Disease	135	29.9%	5.6%	45.5%
Medical Oncology	183	26.2%	4.3%	40.4%
Nephrology	204	20.2%	15.3%	61.3%
Pulmonary Disease	239	10.0%	7.1%	39.7%
Rheumatology	121	30.6%	6.7%	38.0%
Other Internal Medicine	251	22.6%	5.5%	43.7%
Surgery (General)	872	12.5%	8.1%	27.9%
Surgery Specialties	2,499	8.4%	5.0%	12.6%
Neurosurgery	147	6.2%	9.7%	23.8%
Ophthalmology	585	15.4%	3.8%	8.0%
Orthopedics	625	4.8%	3.1%	4.3%
Otolaryngology	258	9.7%	5.9%	9.3%
Plastic Surgery	172	9.9%	7.1%	23.4%
Thoracic Surgery	140	0.7%	4.4%	19.4%
Urology	301	4.3%	7.9%	20.9%
Other Surgery Specialties	271	9.2%	4.2%	18.1%
Facility Based	2,675	20.9%	5.4%	28.1%
Anesthesiology	974	19.8%	7.5%	29.5%
Pathology	506	28.9%	4.9%	38.5%
Radiology	1,196	18.5%	4.0%	22.7%
Psychiatrists	1,241	35.7%	9.6%	40.2%
Psychiatry - Adult	1,048	33.7%	9.4%	40.7%
Psychiatry - Child & Adolescent	193	46.6%	10.7%	37.3%
Other	3,033	26.8%	8.0%	18.8%
Allergy & Immunology	150	24.2%	5.3%	32.0%
Dermatology	293	35.3%	7.2%	4.5%
Emergency Medicine	1,095	22.4%	7.6%	7.3%
Neurology	396	25.5%	4.6%	40.6%
Pediatrics Subspecialties	458	35.4%	8.6%	31.9%
Physical Medicine & Rehab	300	29.6%	9.4%	18.6%
Prev Med/Occ Med/Public Hlth	168	22.6%	17.4%	17.3%
Other	173	23.1%	8.5%	26.4%
Total	23,769	27.2%	8.0%	27.8%

Note: Total physician column does not sum to total due to missing specialty information in the AMA Masterfile.

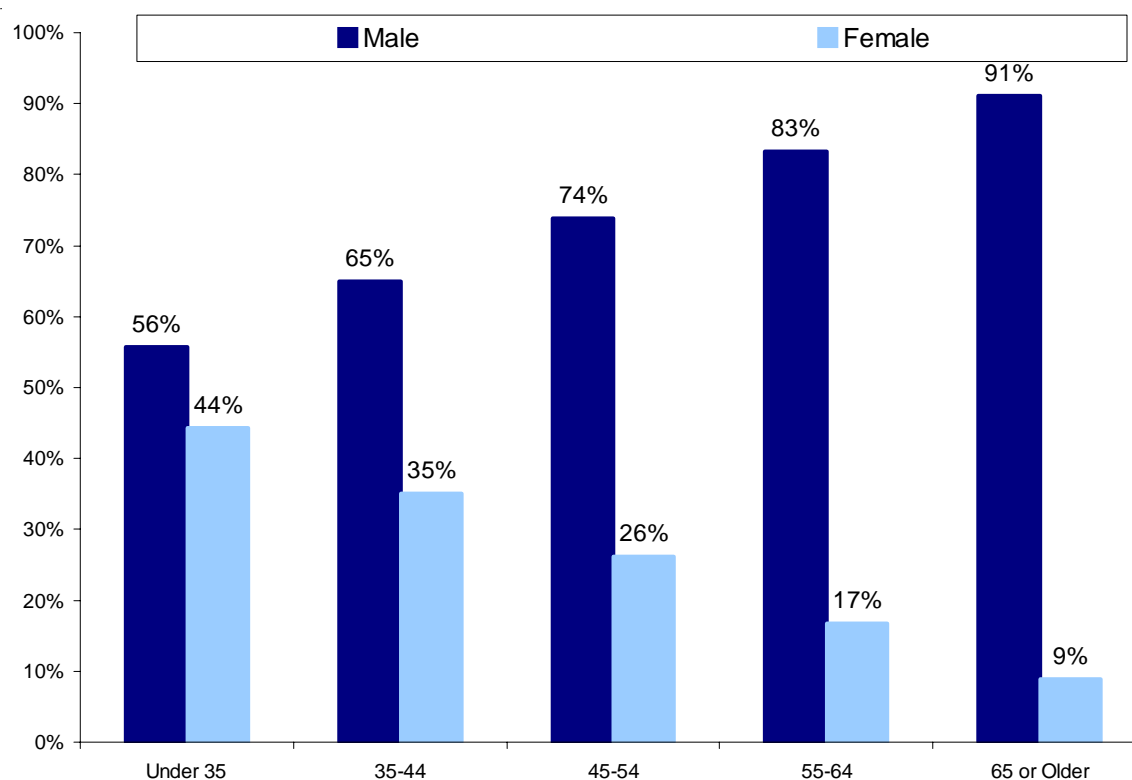
Source: American Medical Association Physician Masterfile, December 2004

Overview: Physician Supply in Michigan, 2004

Reflecting the growing numbers of women entering the medical profession, female physicians were significantly younger than men in 2004, constituting 44% of physicians under the age of 35, but only 9% of physicians over the age of 65 (Figure 5). Overall, 58% of physicians were age 45 or older. Eleven percent of all physicians in Michigan were over the age of 65. The median age for all physicians in Michigan was 47, although this varied by gender. Median age for female physicians was only 44, compared to 51 for male physicians.

Figure 5

Gender of Active Patient Care Physicians in Michigan by Age, 2004



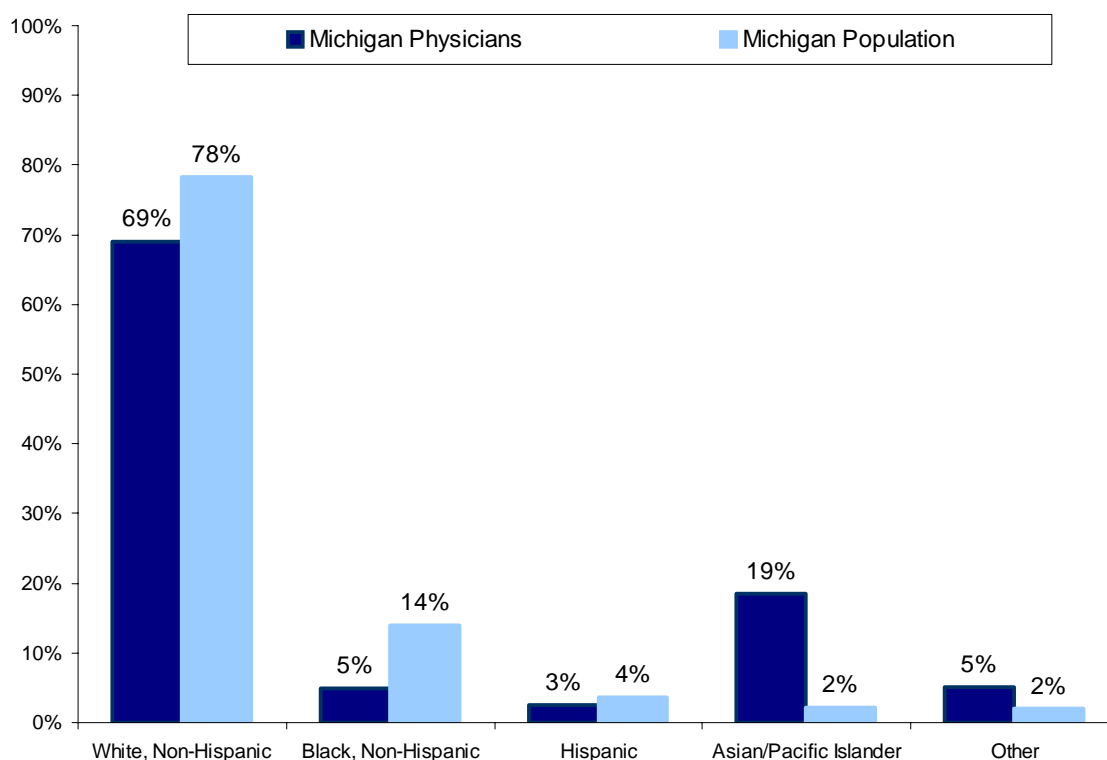
Source: American Medical Association Physician Masterfile, December 2004

Comparing Michigan's physician workforce to the state's population resulted in several meaningful findings (Figure 6). In terms of minority populations, Black/African-Americans made up a larger portion of the overall population (14%) than they did of the physician population (5%); Hispanic/Latinos were more similarly represented, making up 4% of the state's population and 3% of the physician workforce; and Asian/Pacific Islanders were greatly over-represented, making up just 2% of the state's population, but 19% of the physician workforce.

Overview: Physician Supply in Michigan, 2004

Figure 6

Race/Ethnicity of Active Patient Care Physicians in Michigan Compared to Michigan Population, 2004



Sources: American Medical Association Physician Masterfile, December 2004; Woods and Poole 2005

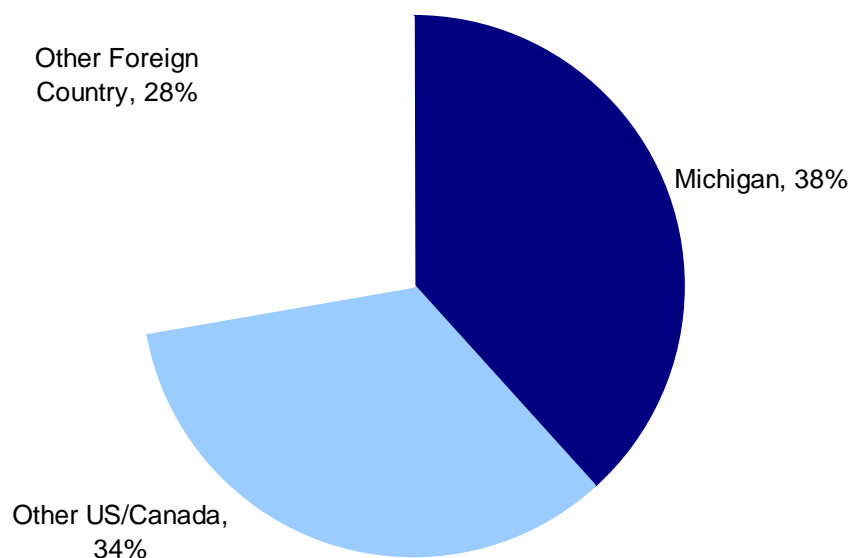
Medical Education and Residency Training

Michigan imports the majority of its physicians from outside the state (about 62% attended a medical school outside the state). The proportion having attended medical school in Michigan was 38% of the total. About 28% of physicians in Michigan were international medical graduates (IMGs) who graduated from a medical school in a foreign country (other than Canada) (Figure 7). Of those active patient care physicians who attended medical school in Michigan, over two-fifths (42%) attended Wayne State University School of Medicine, the largest medical school in the state (Figure 8). Almost all of the active patient care physicians in Michigan completed residency/fellowship training in their principal specialty in the United States, with approximately 59% in Michigan and 28% in another state in the U.S. or Canada (Figure 9).

Overview: Physician Supply in Michigan, 2004

Figure 7

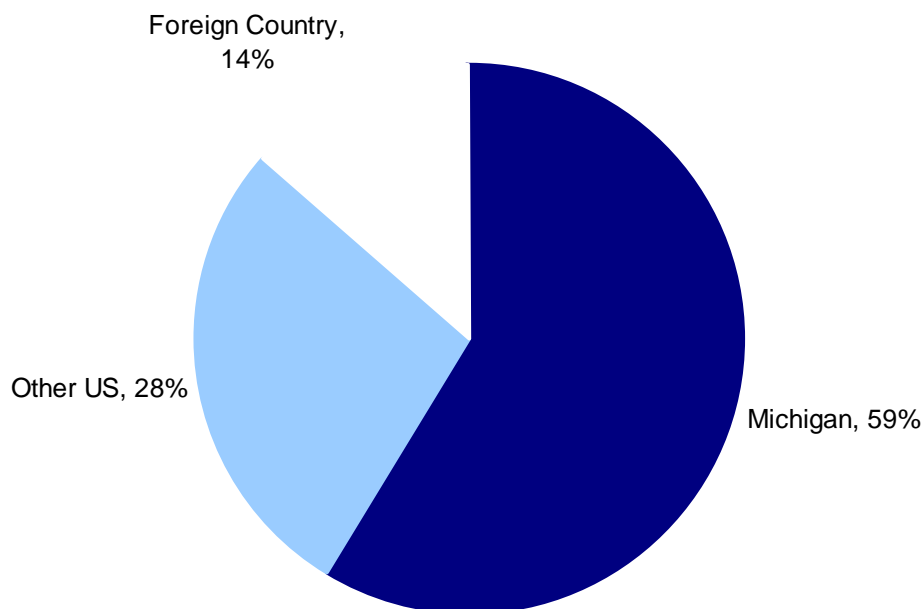
Location of Medical Education of Active Patient Care Physicians in Michigan, 2004



Source: American Medical Association Physician Masterfile, December 2004

Figure 8

Location of Primary Residency Training of Active Patient Care Physicians in Michigan, 2004

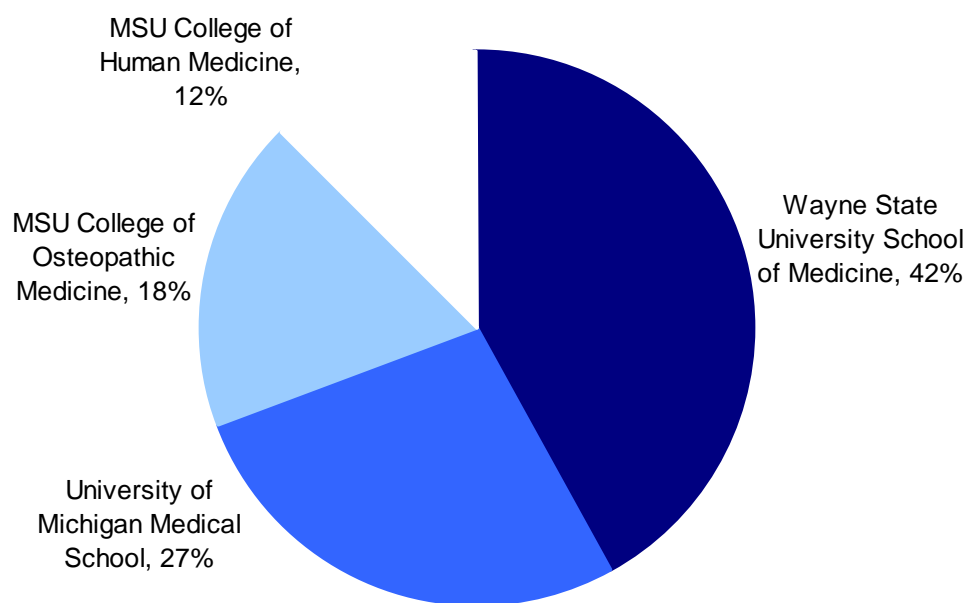


Source: American Medical Association Physician Masterfile, December 2004

Overview: Physician Supply in Michigan, 2004

Figure 9

Location of Medical Education of Active Patient Care Physicians who Attended Medical School in Michigan, 2004



Source: American Medical Association Physician Masterfile, December 2004

Table 3

Estimated Number of Medical School Graduates by Institution, 2000/01-2004/05

Medical School	2000/01	2001/02	2002/03	2003/04	2004/05
Michigan State University College of Osteopathic Medicine	126	119	126	129	129*
Michigan State University College of Human Medicine	103	97	111	112	101
University of Michigan Medical School	163	164	156	169	165
Wayne State University School of Medicine	236	250	231	246	239
Total	628	630	624	656	634

*estimate

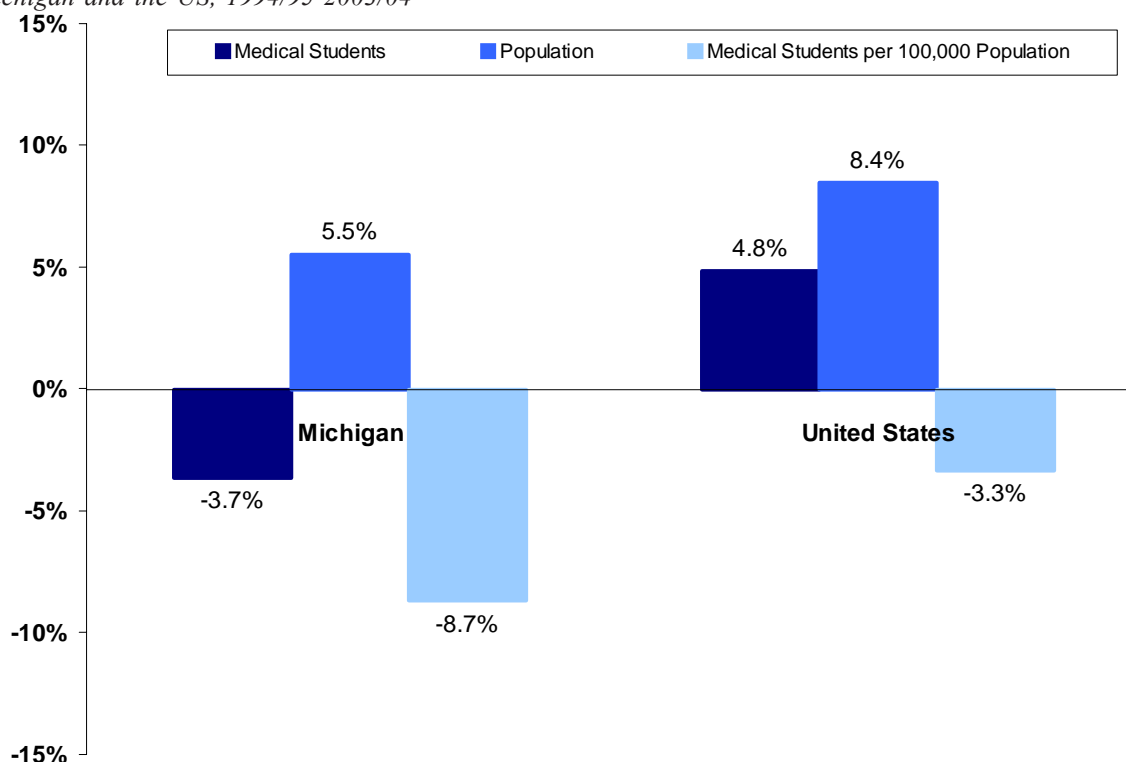
Sources: Journal of the American Medical Association Medical Education Theme Issues, 2001-2005; American Association of Colleges of Osteopathic Medicine Annual Statistical Report, 2001-2004

Table 3 shows recent trends in medical school graduations at institutions across the state. Overall, the number of graduates from Michigan medical schools has remained constant between the 2000/01 and 2004/05 academic years.

Overview: Physician Supply in Michigan, 2004

Figure 10

Percent Change in Number of Medical School Students, Population and Students per 100,000 Population in Michigan and the US, 1994/95-2003/04



Sources: Center for Health Workforce Studies; Association of American Medical Colleges; US Census Bureau

Figure 10 compares the growth in medical enrollment, population, and medical enrollment per 100,000 population between the 1994/95 and 2003/04 academic years in Michigan and the U.S. Overall, Michigan is not faring as well as the U.S. in terms of medical school enrollment keeping pace with population growth. While Michigan's population grew by 6% over the 10 year period of interest, medical school enrollment in the state decreased by 4%, leading to a net loss of nearly 9% in the medical student to population ratio in the state. This compares to a net loss of 3% in the medical students to population ratio across the country.

Table 4 shows the proportions of physicians who attended medical school in Michigan and those who received residency/fellowship training in their principal specialty in Michigan by principal specialty. More than half of Michigan's active patient care Dermatologists, Emergency Medicine physicians, Orthopedic Surgeons, and Ophthalmologists attended a medical school in Michigan. More than 70% of Michigan's active patient care General Internists, Adult Psychiatrists, and Child and Adolescent Psychiatrists completed graduate medical training in Michigan.

Overview: Physician Supply in Michigan, 2004

Table 4

Location of Medical School and Residency Training of Active Patient Care Physicians in Michigan by Specialty, 2004

Specialty	Active Patient Care Physicians	Percent Attended Medical School in MI	Percent with Residency/ Fellowship Training in MI
Primary Care	8,822	38.4%	63.0%
Family Medicine	3,925	45.2%	54.6%
Internal Medicine (General)	3,426	32.6%	70.6%
Pediatrics (General)	1,472	33.9%	67.8%
Ob/Gyn	1,342	45.7%	69.6%
Obstetrics & Gynecology	1,276	45.6%	69.6%
Gynecology (Only)	66	48.5%	69.7%
IM Specialties	2,167	25.8%	60.0%
Cardiology	602	26.7%	55.4%
Endocrinology & Metabolism	97	24.7%	64.9%
Gastroenterology	264	28.4%	61.2%
Geriatrics	73	27.4%	68.5%
Infectious Disease	135	25.2%	65.7%
Medical Oncology	183	25.7%	63.6%
Nephrology	204	18.1%	61.6%
Pulmonary Disease	239	31.0%	61.1%
Rheumatology	121	28.9%	63.3%
Other Internal Medicine	251	20.7%	55.8%
Surgery (General)	872	34.4%	65.5%
Surgery Specialties	2,499	44.8%	49.1%
Neurosurgery	147	28.1%	39.0%
Ophthalmology	585	54.2%	50.1%
Orthopedics	625	53.4%	50.9%
Otolaryngology	258	42.6%	44.2%
Plastic Surgery	172	37.8%	58.1%
Thoracic Surgery	140	20.7%	35.0%
Urology	301	41.5%	53.2%
Other Surgery Specialties	271	36.8%	49.8%
Facility Based	2,675	37.7%	52.8%
Anesthesiology	974	39.5%	44.9%
Pathology	506	28.9%	49.0%
Radiology	1,196	40.1%	60.9%
Psychiatrists	1,241	36.3%	70.5%
Psychiatry - Adult	1,048	36.4%	70.2%
Psychiatry - Child & Adolescent	193	35.8%	71.6%
Other	3,033	43.2%	62.1%
Allergy & Immunology	150	34.0%	61.3%
Dermatology	293	54.5%	65.4%
Emergency Medicine	1,095	50.5%	69.7%
Neurology	396	27.3%	49.2%
Pediatrics Subspecialties	458	31.9%	61.6%
Physical Medicine & Rehab	300	54.8%	63.3%
Prev Med/Occ Med/Public Hlth	168	42.3%	52.4%
Other	173	33.3%	46.6%
Total	23,769	38.2%	58.5%

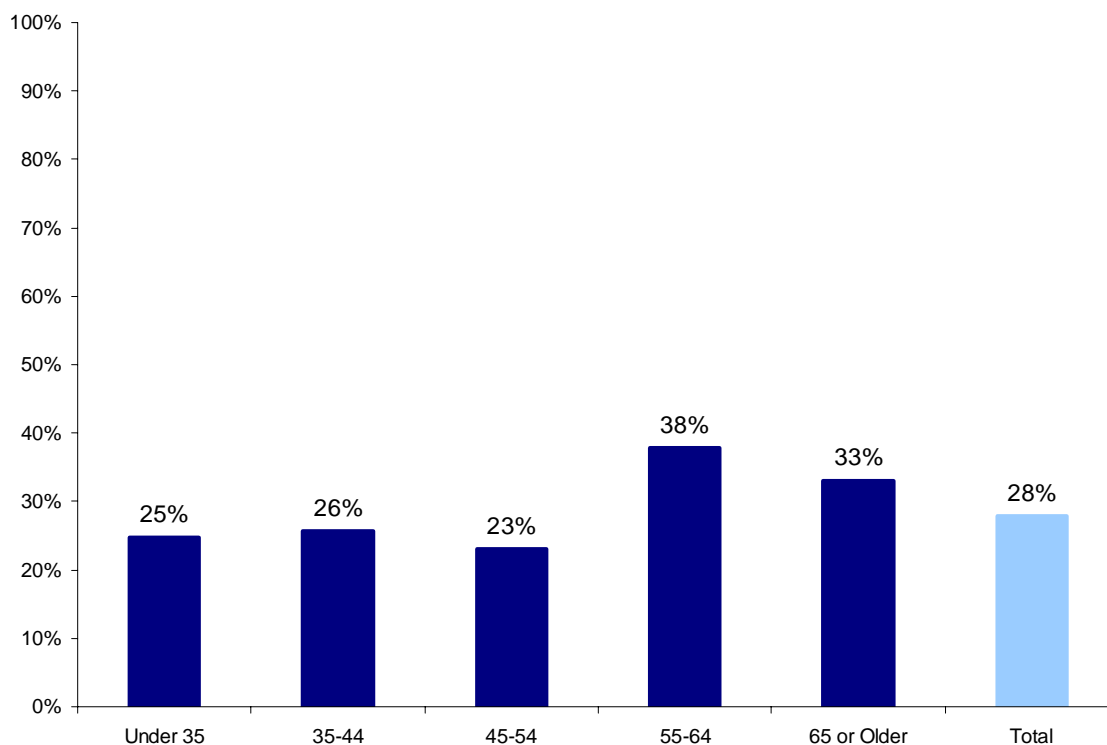
Note: Total physician column does not sum to total due to missing specialty information in the AMA Masterfile.

Source: American Medical Association Physician Masterfile, December 2004

Overview: Physician Supply in Michigan, 2004

Figure 11

Percentage of International Medical School Graduates of Active Patient Care Physicians in Michigan by Age, 2004



Source: American Medical Association Physician Masterfile, December 2004

Additionally, there were significant variations in the proportion of IMGs by specialty, with two specialties, Nephrology and Geriatrics, having more than 50%. Several specialties were made up of fewer than 10% IMGs, including Dermatology, Emergency Medicine, Ophthalmology, and Orthopedics (Table 2).

International medical graduates made up a larger percentage of the older active patient care physician workforce in 2004 (Figure 11). While making up 28% of the overall active patient care physician workforce, IMGs made up more than a third of the active patient care physicians age 50 and above in 2004.

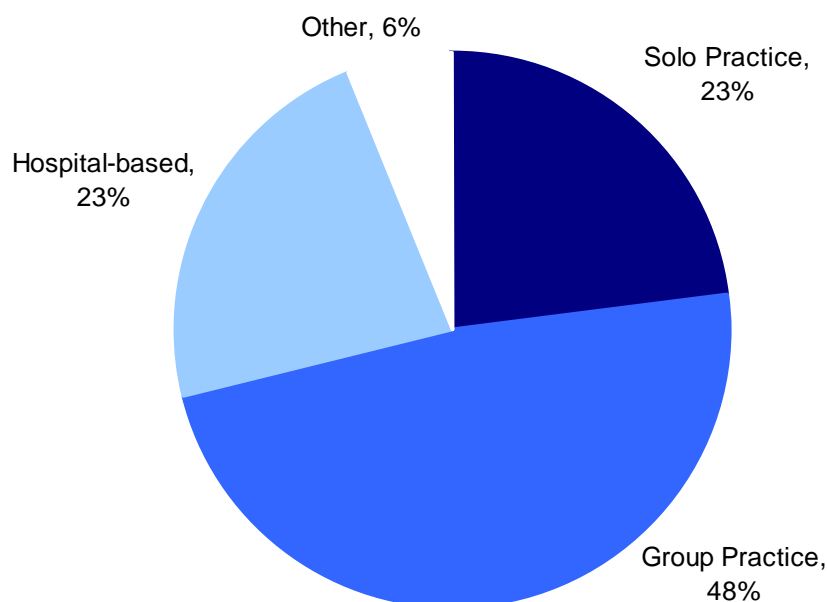
Practice Setting

Group practices were the most frequent principal practice settings of active patient care physicians in Michigan in 2004, with 48% of physicians practicing in group settings (Figure 12). Hospital-based and solo practice settings were the next most frequent, with 23% of physicians practicing in such settings. Very few patient care physicians in Michigan (6%) practiced in other settings.

Overview: Physician Supply in Michigan, 2004

Figure 12

Principal Practice Setting of Active Patient Care Physicians in Michigan, 2004



Source: American Medical Association Physician Masterfile, December 2004

Practice Specialty

In 2004, over one third of the active patient care physicians in Michigan practiced one of the primary care disciplines as their principal specialty. Family Medicine, General Internal Medicine, and General Pediatrics made up 39% of the active patient care physicians in the state as their principal specialty. More patient care physicians in Michigan were specialists in Family Medicine than any other specialty. Almost 4,000 active patient care physicians (17% of the total physician supply) indicated that Family Medicine was their principal specialty. This was followed by General Internal Medicine (14%), General Pediatrics (8%), and Adult Psychiatry (6%). Table 5 presents the estimated numbers and percentages of active patient care physicians by specialty in Michigan in 2004.

Overview: Physician Supply in Michigan, 2004

Table 5

Principal Specialties of Active Patient Care Physicians in Michigan, 2004

Specialty	Active Patient Care Physicians	Percent of Active Patient Care Physicians in MI
Primary Care	8,822	38.9%
Family Medicine	3,925	17.3%
Internal Medicine (General)	3,426	15.1%
Pediatrics (General)	1,472	6.5%
Ob/Gyn	1,342	5.9%
Obstetrics & Gynecology	1,276	5.6%
Gynecology (Only)	66	0.3%
IM Specialties	2,167	9.6%
Cardiology	602	2.7%
Endocrinology & Metabolism	97	0.4%
Gastroenterology	264	1.2%
Geriatrics	73	0.3%
Infectious Disease	135	0.6%
Medical Oncology	183	0.8%
Nephrology	204	0.9%
Pulmonary Disease	239	1.1%
Rheumatology	121	0.5%
Other Internal Medicine	251	1.1%
Surgery (General)	872	3.9%
Surgery Specialties	2,499	11.0%
Neurosurgery	147	0.6%
Ophthalmology	585	2.6%
Orthopedics	625	2.8%
Otolaryngology	258	1.1%
Plastic Surgery	172	0.8%
Thoracic Surgery	140	0.6%
Urology	301	1.3%
Other Surgery Specialties	271	1.2%
Facility Based	2,675	11.8%
Anesthesiology	974	4.3%
Pathology	506	2.2%
Radiology	1,196	5.3%
Psychiatrists	1,241	5.5%
Psychiatry - Adult	1,048	4.6%
Psychiatry - Child & Adolescent	193	0.9%
Other	3,033	13.4%
Allergy & Immunology	150	0.7%
Dermatology	293	1.3%
Emergency Medicine	1,095	4.8%
Neurology	396	1.7%
Pediatrics Subspecialties	458	2.0%
Physical Medicine & Rehab	300	1.3%
Prev Med/Occ Med/Public Hlth	168	0.7%
Other	173	0.8%
Total	23,769	

Note: Total physician column does not sum to total due to missing specialty information in the AMA Masterfile.

Source: American Medical Association Physician Masterfile, December 2004

Overview: Physician Supply in Michigan, 2004

Potential Shortage Areas

In 2004, the East Central region had the lowest number of active patient care physicians per 100,000 population (92 per 100,000). The Ann Arbor Area had the highest number of active patient care physicians per 100,000 population (449 per 100,000). As is evident in Table 6, this five-fold difference means that there were several regions that fell well below established benchmarks of adequate physician supply. Moreover, these disparities are important to consider when interpreting regional physician supply and demand forecasts.

In the mid 1990s, the Council on Graduate Medical Education developed physician supply recommendations. Based on the results of a meta-analysis of a handful of national level physician requirement studies, the COGME recommended ratios of 60-80 primary care physicians per 100,000 population and 85-105 non-primary care physicians per 100,000.

The Division of Shortage Designation of the United States Department of Health and Human Services has formally defined Health Professional Shortage Areas (HPSAs). One of the key factors in the assessment of whether an area, population, or facility qualifies as a HPSA is the population-to-provider ratio.² Thus, with the available data on physicians, it is possible to make some crude assessments of the potential designation of areas of California as HPSAs.

Table 6 provides the active patient care physicians and primary care physicians per 100,000 resident population by county. As evinced in the table, a number of counties in the state fell below the provider-to-population ratios recommended by the COGME and the federal Division of Shortage Designation. While this method of identifying shortage areas is crude, it does indicate that there are certain areas of the state that deserve more attention than others in terms of the current physician supply.

² Other key factors for designating primary care HPSAs include: whether the area is rational for the delivery of services; primary care services in contiguous areas are overutilized, excessively distant, or otherwise inaccessible; characteristics of the population, including low-income, Medicaid eligible, migrant or season farm workers, the homeless; as well as a host of other factors. The population to primary care ratio for designation of a HPSA is 3,500:1 (about 28.6 providers per 100,000 population), but may be as low as 3,000:1 (about 33.3 providers per 100,000 population) in a special population HPSA.

Overview: Physician Supply in Michigan, 2004

Table 6

Estimated Numbers of Active Patient Care Physicians in Michigan by County, 2004

Region/County	Active Patient Care Physicians	Population	Active Patient Care Physicians/ 100,000 Population	Primary Care* Physicians/ 100,000 Population	Non-Primary Care Physicians/ 100,000 Population
Ann Arbor Area	2,359	524,869	449	146	293
Livingston	142	180,335	79	50***	28***
Washtenaw	2,217	344,534	643	195	432
Detroit Area	11,454	4,257,928	269	113	141
Macomb	1,632	829,441	197	94	86
Oakland	4,715	1,223,341	385	153	209
St. Clair	251	172,325	146	62	79***
Wayne	4,856	2,032,822	239	101	127
East Central	138	149,667	92	55***	32***
Arenac	11	17,142	64	46***	17***
Clare	28	31,510	89	64	19***
Gladwin	17	26,892	63	44***	18***
Iosco	27	26,596	102	53***	41***
Ogemaw	32	21,693	148	65	74***
Roscommon	23	25,834	89	51***	31***
Flint Area	1,165	514,535	226	115	94
Genesee	1,067	441,769	242	123	100
Shiawassee	98	72,766	135	62	62***
Grand Rapids-Muskegon	2,315	1,177,624	197	84	105
Allegan	57	114,034	50	34***	16***
Kent	1,584	602,121	263	104	148
Muskegon	338	176,816	191	90	94
Oceana	20	28,808	69	41***	21***
Ottawa	315	255,845	123	62	57***
Jackson Area	535	461,751	116	52***	60***
Hillsdale	46	47,162	98	44***	42***
Jackson	225	161,917	139	59***	78***
Lenawee	117	101,108	116	51***	63***
Monroe	148	151,563	98	49***	44***
Kalamazoo-Battle Creek	1,201	551,258	218	93	120
Barry	43	59,662	72	40***	29***
Branch	57	46,672	122	52***	54***
Calhoun	297	139,748	213	98	112
Kalamazoo	745	241,903	308	120	183
St. Joseph	59	63,273	93	57***	37***

Overview: Physician Supply in Michigan, 2004

Table 6 (cont.)

Estimated Numbers of Active Patient Care Physicians in Michigan by County, 2004

Region/County	Active Patient Care Physicians	Population	Active Patient Care Physicians/ 100,000 Population	Primary Care* Physicians/ 100,000 Population	Non-Primary Care Physicians/ 100,000 Population
Lansing Area	1,131	459,410	246	109	119
Clinton	37	69,325	53	45***	7***
Eaton	103	107,873	95	62	31***
Ingham	990	282,211	351	144	181
Northeast	216	142,291	152	79	64***
Alcona	3	11,571	26	26**	0***
Alpena	87	30,542	285	118	160
Cheboygan	42	27,114	155	85	55***
Crawford	25	14,775	169	109	54***
Montmorency	8	10,431	77	67	0***
Oscoda	2	9,288	22	21**	0***
Ostego	41	24,356	168	83	69***
Presque Isle	9	14,214	63	35***	21***
Northwest	759	296,814	256	108	143
Antrim	15	24,576	61	41***	16***
Benzie	18	17,520	103	69	34***
Charlevoix	37	26,748	138	98	34***
Emmet	170	33,380	509	150	354
Grand Traverse	386	83,008	465	179	276
Kalkaska	8	17,257	46	35***	12***
Leelanau	12	22,232	54	27**	23***
Manistee	35	25,168	139	68	68***
Missaukee	4	15,333	26	20**	7***
Wexford	75	31,592	237	130	102
Saginaw-Thumb	1,113	630,791	176	82	89
Bay	191	108,911	175	77	90
Huron	47	34,766	135	80	54***
Lapeer	100	92,029	109	61	46***
Midland	178	84,175	211	104	105
Saginaw	519	207,975	250	107	141
Sanilac	37	44,595	83	54***	22***
Tuscola	42	58,341	72	39***	29***
Southwest Michigan	364	290,564	125	67	58***
Berrien	270	161,534	167	80	86
Cass	22	51,256	43	23**	19***
Van Buren	72	77,775	93	67	24***

Overview: Physician Supply in Michigan, 2004

Table 6 (cont.)

Estimated Numbers of Active Patient Care Physicians in Michigan by County, 2004

Region/County	Active Patient Care Physicians	Population	Active Patient Care Physicians/ 100,000 Population	Primary Care* Physicians/ 100,000 Population	Non-Primary Care Physicians/ 100,000 Population
Upper Peninsula	578	312,418	185	92	89
Alger	10	9,677	103	41***	51***
Baraga	9	8,654	104	93	11***
Chippewa	55	38,463	143	81	60***
Delta	60	38,055	158	87	64***
Dickinson	74	27,114	273	107	158
Gogebic	26	16,885	154	89	66***
Houghton	62	35,267	176	99	74***
Iron	11	12,480	88	48***	32***
Keweenaw	0	2,185	0	0**	0***
Luce	10	6,792	147	103	44***
Mackinac	15	11,287	133	124	9***
Marquette	217	64,325	337	135	196
Menominee	13	24,961	52	32**	20***
Ontonagon	5	7,474	67	40***	27***
Schoolcraft	12	8,799	136	91	34***
West Central	439	388,948	113	63	45***
Gratiot	65	42,070	155	88	64***
Ionia	45	63,882	70	53***	16***
Isabella	94	63,985	147	64	74***
Lake	5	11,790	42	34***	8***
Mason	55	28,850	191	80	104
Mecosta	42	42,068	100	67	31***
Montcalm	78	63,137	124	75	42***
Newaygo	39	49,508	79	42***	32***
Osceola	17	23,658	72	46***	25***
Total	23,769	10,158,867	234	101	122

* In this table, primary care includes: General/Family Medicine, General Internal Medicine, General Pediatrics, and Obstetrics and Gynecology. The inclusion of Obstetrics and Gynecology was necessary to match the federal definition of primary care.

**Falls below HPSA threshold for designation as a shortage area.

***Falls below COGME recommended physician to population ratios.

Note: The sum of primary care physicians and non-primary care physicians may not equal all active patient care physicians due to rounding and missing practice specialty information in the AMA Masterfile.

Sources: American Medical Association Physician Masterfile, December 2004; US Census Bureau; Woods and Poole 2005

Regional Profiles

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Ann Arbor Area

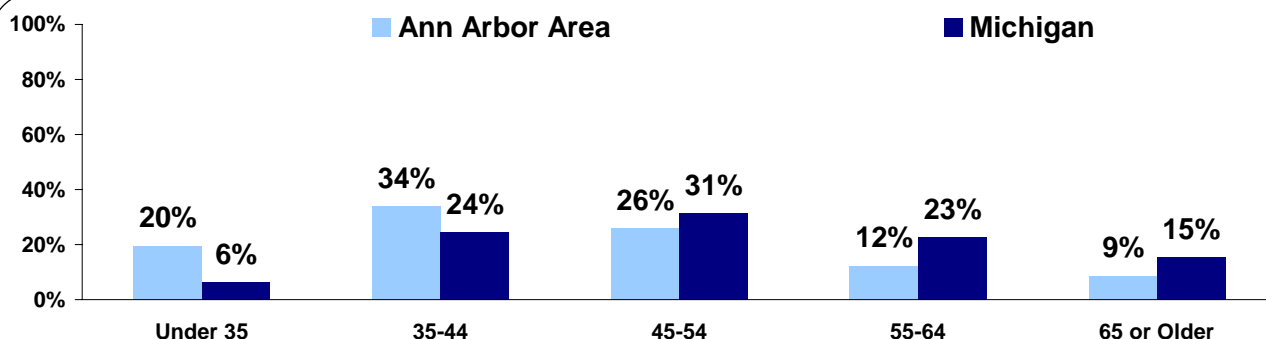
	In Ann Arbor Area	In Michigan	United States
2004 Population	524,869	10,158,867	293,655,404
% of Michigan, Population	5%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	2,359	23,769	668,599
% of Michigan, Active Patient Care Physicians	10%		
Percent Female	35%	27%	25%
Percent Underrepresented Minority	6%	8%	9%
Average Age	45	49	51
Percent Int'l Medical School Grads (IMGs)	15%	28%	23%
Percent Michigan Medical School Grads	36%	38%	3%
Percent with Graduate Training in Michigan	61%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Ann Arbor Area	/100k Pop. Ann Arbor Area	In Michigan	/100k Pop. Michigan
Primary Care	654	125	8,822	87
Ob/Gyn	109	21	1,342	13
IM Specialties	294	56	2,167	21
Surgery (General)	73	14	872	9
Surgery Specialties	255	49	2,499	25
Facility Based	335	64	2,675	26
Psychiatrists	198	38	1,241	12
Other	<u>384</u>	<u>73</u>	<u>3,033</u>	<u>30</u>
Total Physicians*	2,359	449	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Ann Arbor Area

Active Patient Care Physicians, 2004

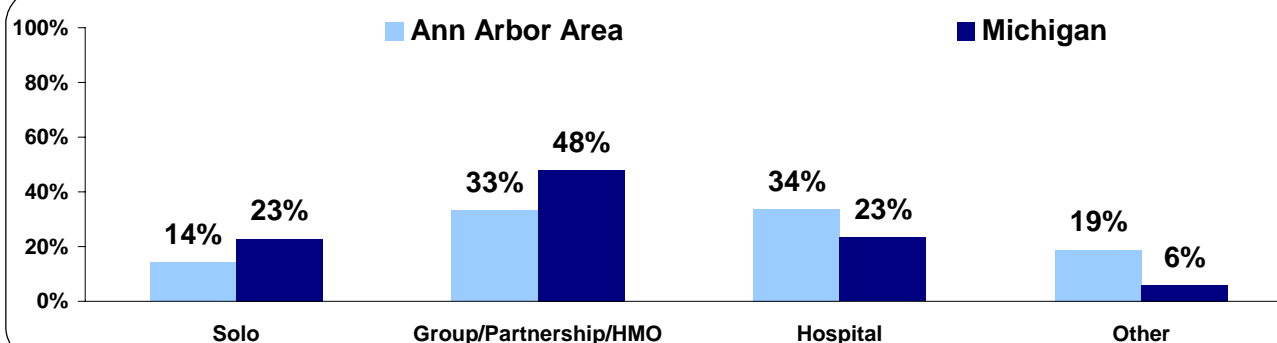
Specialty Groups	In Ann Arbor Area	Spec % of Ann Arbor Area	In Michigan	Ann Arbor Area % of Michigan
Primary Care	654	28%	8,822	7%
Ob/Gyn	109	5%	1,342	8%
IM Specialties	294	13%	2,167	14%
Surgery (General)	73	3%	872	8%
Surgery Specialties	255	11%	2,499	10%
Facility Based	335	15%	2,675	13%
Psychiatrists	198	9%	1,241	16%
Other	<u>384</u>	<u>17%</u>	<u>3,033</u>	<u>13%</u>
Total Physicians*	2,359	100%	23,769	10%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	16%	41%	60%
Ob/Gyn	15%	41%	73%
IM Specialties	21%	27%	64%
Surgery (General)	10%	38%	63%
Surgery Specialties	6%	38%	51%
Facility Based	24%	35%	63%
Psychiatrists	22%	36%	73%
Other	12%	33%	65%

Practice Setting of Active Patient Care Physicians, 2004



Detroit Area

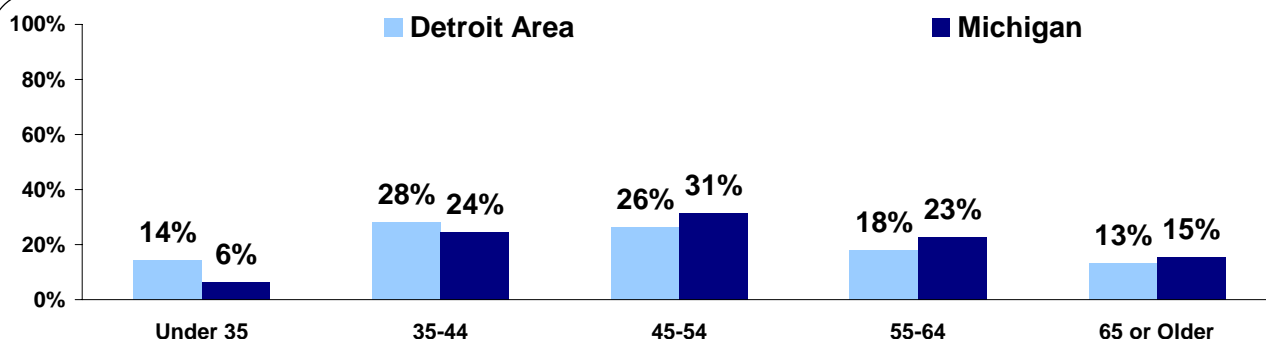
	In Detroit Area	In Michigan	United States
2004 Population	4,257,928	10,158,867	293,655,404
% of Michigan, Population	42%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	11,454	23,769	668,599
% of Michigan, Active Patient Care Physicians	48%		
Percent Female	30%	27%	25%
Percent Underrepresented Minority	9%	8%	9%
Average Age	49	49	51
Percent Int'l Medical School Grads (IMGs)	41%	28%	23%
Percent Michigan Medical School Grads	37%	38%	3%
Percent with Graduate Training in Michigan	66%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Detroit Area	/100k Pop. Detroit Area	In Michigan	/100k Pop. Michigan
Primary Care	4,107	96	8,822	87
Ob/Gyn	699	16	1,342	13
IM Specialties	1,118	26	2,167	21
Surgery (General)	398	9	872	9
Surgery Specialties	1,171	28	2,499	25
Facility Based	1,231	29	2,675	26
Psychiatrists	608	14	1,241	12
Other	<u>1,467</u>	<u>34</u>	<u>3,033</u>	<u>30</u>
Total Physicians*	11,454	269	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Detroit Area

Active Patient Care Physicians, 2004

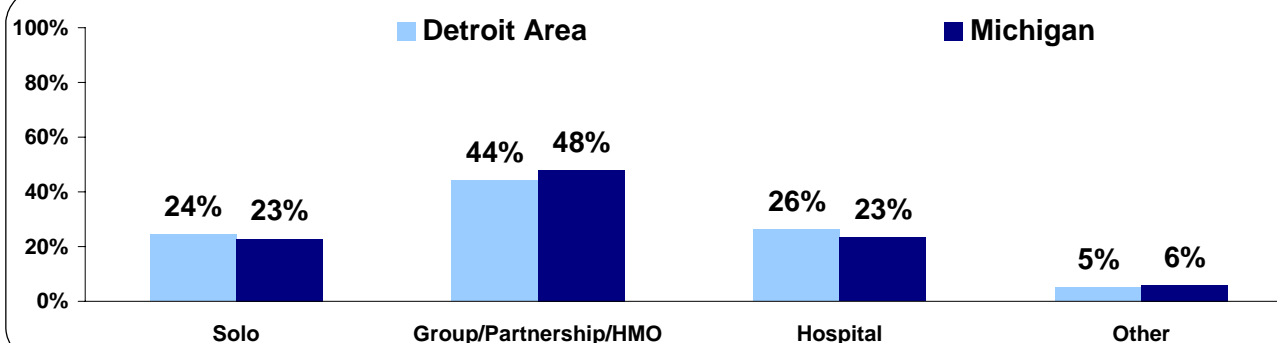
Specialty Groups	In Detroit Area	Spec % of Detroit Area	In Michigan	Detroit Area % of Michigan
Primary Care	4,107	38%	8,822	47%
Ob/Gyn	699	6%	1,342	52%
IM Specialties	1,118	10%	2,167	52%
Surgery (General)	398	4%	872	46%
Surgery Specialties	1,171	11%	2,499	47%
Facility Based	1,231	11%	2,675	46%
Psychiatrists	608	6%	1,241	49%
Other	1,467	14%	3,033	48%
Total Physicians*	11,454	100%	23,769	48%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	42%	35%	70%
Ob/Gyn	24%	47%	77%
IM Specialties	56%	25%	72%
Surgery (General)	38%	29%	73%
Surgery Specialties	18%	47%	60%
Facility Based	38%	38%	61%
Psychiatrists	50%	37%	79%
Other	26%	44%	70%

Practice Setting of Active Patient Care Physicians, 2004



East Central

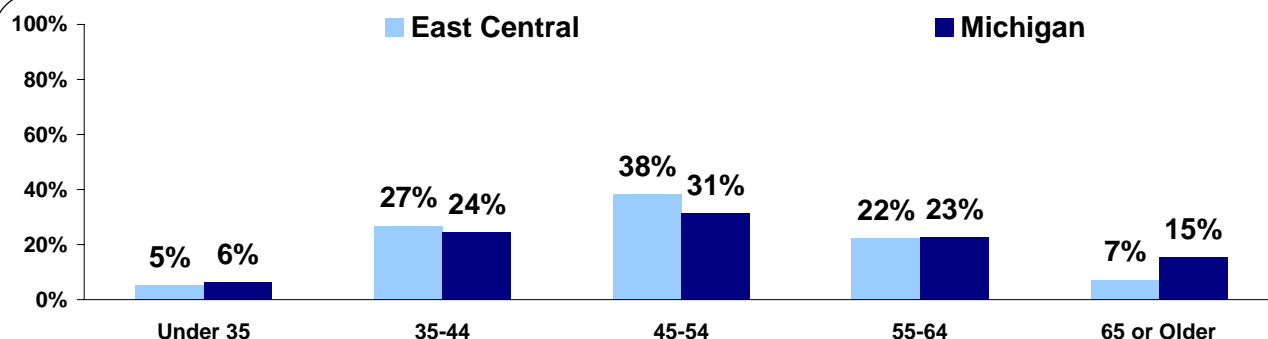
	In East Central	In Michigan	United States
2004 Population	149,667	10,158,867	293,655,404
% of Michigan, Population	1%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	138	23,769	668,599
% of Michigan, Active Patient Care Physicians	1%		
Percent Female	22%	27%	25%
Percent Underrepresented Minority	6%	8%	9%
Average Age	49	49	51
Percent Int'l Medical School Grads (IMGs)	40%	28%	23%
Percent Michigan Medical School Grads	30%	38%	3%
Percent with Graduate Training in Michigan	40%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In East Central	/100k Pop. East Central	In Michigan	/100k Pop. Michigan
Primary Care	73	49	8,822	87
Ob/Gyn	8	5	1,342	13
IM Specialties	7	5	2,167	21
Surgery (General)	10	7	872	9
Surgery Specialties	8	5	2,499	25
Facility Based	6	4	2,675	26
Psychiatrists	2	1	1,241	12
Other	16	11	3,033	30
Total Physicians*	138	92	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



East Central

Active Patient Care Physicians, 2004

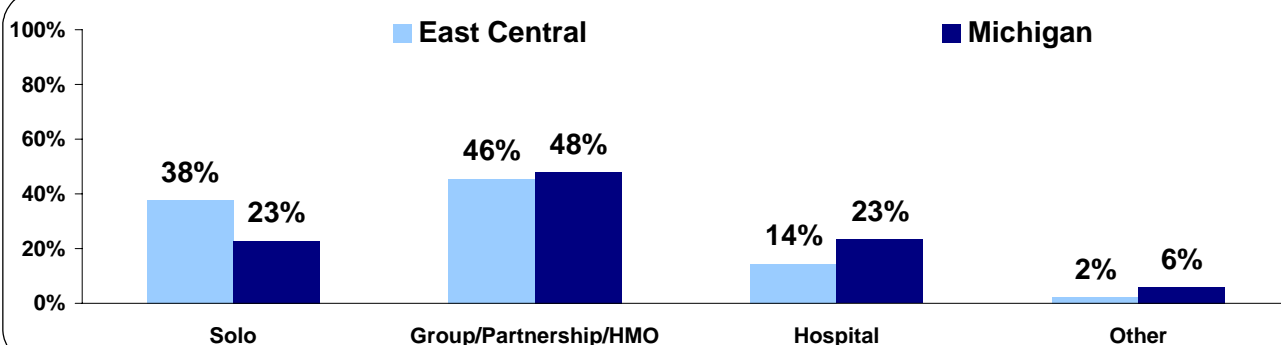
Specialty Groups	In East Central	Spec % of East Central	In Michigan	East Central % of Michigan
Primary Care	73	56%	8,822	1%
Ob/Gyn	8	6%	1,342	1%
IM Specialties	7	5%	2,167	0%
Surgery (General)	10	8%	872	1%
Surgery Specialties	8	6%	2,499	0%
Facility Based	6	5%	2,675	0%
Psychiatrists	2	2%	1,241	0%
Other	16	12%	3,033	1%
Total Physicians*	138	100%	23,769	1%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	40%	27%	38%
Ob/Gyn	38%	25%	25%
IM Specialties	86%	14%	57%
Surgery (General)	20%	40%	70%
Surgery Specialties	25%	38%	38%
Facility Based	33%	67%	33%
Psychiatrists	50%	0%	50%
Other	38%	44%	56%

Practice Setting of Active Patient Care Physicians, 2004



Flint Area

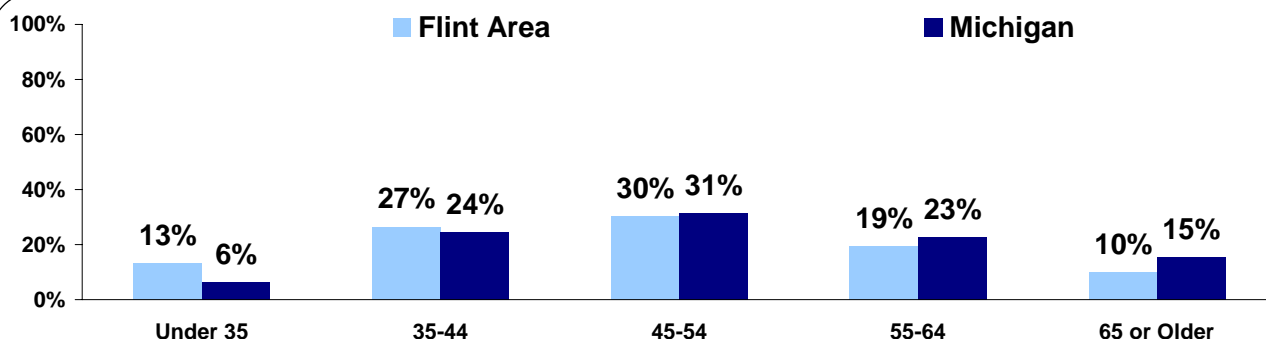
	In Flint Area	In Michigan	United States
2004 Population	514,535	10,158,867	293,655,404
% of Michigan, Population	5%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	1,165	23,769	668,599
% of Michigan, Active Patient Care Physicians	5%		
Percent Female	24%	27%	25%
Percent Underrepresented Minority	11%	8%	9%
Average Age	49	49	51
Percent Int'l Medical School Grads (IMGs)	48%	28%	23%
Percent Michigan Medical School Grads	26%	38%	3%
Percent with Graduate Training in Michigan	55%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Flint Area	/100k Pop. Flint Area	In Michigan	/100k Pop. Michigan
Primary Care	527	102	8,822	87
Ob/Gyn	61	12	1,342	13
IM Specialties	87	17	2,167	21
Surgery (General)	40	8	872	9
Surgery Specialties	96	19	2,499	25
Facility Based	120	23	2,675	26
Psychiatrists	37	7	1,241	12
Other	108	21	3,033	30
Total Physicians*	1,165	226	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Flint Area

Active Patient Care Physicians, 2004

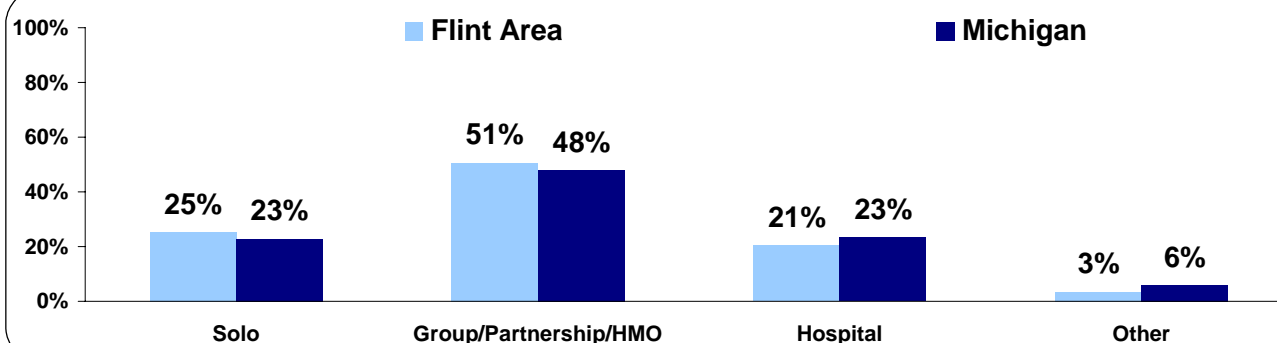
Specialty Groups	In Flint Area	Spec % of Flint Area	In Michigan	Flint Area % of Michigan
Primary Care	527	49%	8,822	6%
Ob/Gyn	61	6%	1,342	5%
IM Specialties	87	8%	2,167	4%
Surgery (General)	40	4%	872	5%
Surgery Specialties	96	9%	2,499	4%
Facility Based	120	11%	2,675	4%
Psychiatrists	37	3%	1,241	3%
Other	<u>108</u>	<u>10%</u>	<u>3,033</u>	<u>4%</u>
Total Physicians*	1,165	100%	23,769	5%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	49%	26%	66%
Ob/Gyn	27%	37%	65%
IM Specialties	62%	19%	49%
Surgery (General)	58%	13%	70%
Surgery Specialties	23%	30%	38%
Facility Based	43%	26%	51%
Psychiatrists	60%	27%	57%
Other	34%	34%	56%

Practice Setting of Active Patient Care Physicians, 2004



Grand Rapids-Muskegon

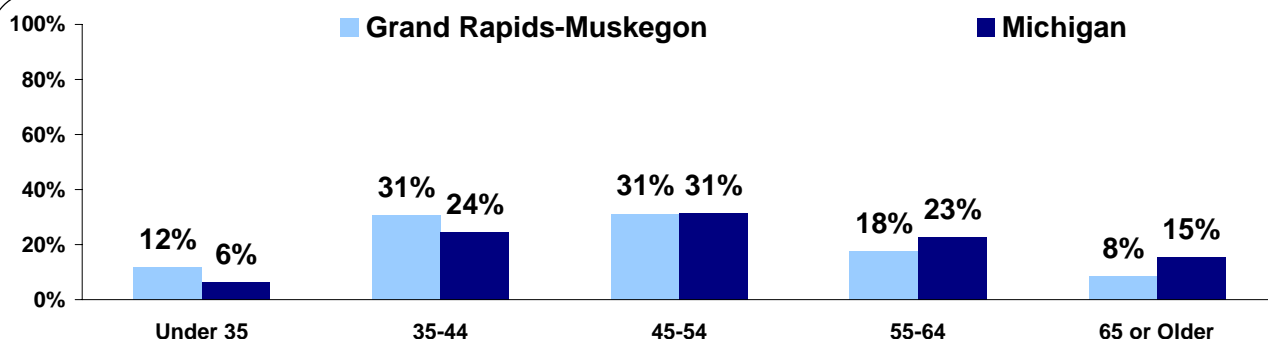
	In Grand Rapids- Muskegon	In Michigan	United States
2004 Population	1,177,624	10,158,867	293,655,404
% of Michigan, Population	12%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	2,315	23,769	668,599
% of Michigan, Active Patient Care Physicians	10%		
Percent Female	22%	27%	25%
Percent Underrepresented Minority	4%	8%	9%
Average Age	48	49	51
Percent Int'l Medical School Grads (IMGs)	12%	28%	23%
Percent Michigan Medical School Grads	50%	38%	3%
Percent with Graduate Training in Michigan	52%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Grand Rapids- Muskegon	/100k Pop. Grand Rapids- Muskegon	In Michigan	/100k Pop. Michigan
Primary Care	850	72	8,822	87
Ob/Gyn	138	12	1,342	13
IM Specialties	143	12	2,167	21
Surgery (General)	77	7	872	9
Surgery Specialties	308	26	2,499	25
Facility Based	299	25	2,675	26
Psychiatrists	85	7	1,241	12
Other	<u>316</u>	<u>27</u>	<u>3,033</u>	<u>30</u>
Total Physicians*	2,315	197	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Grand Rapids-Muskegon

Active Patient Care Physicians, 2004

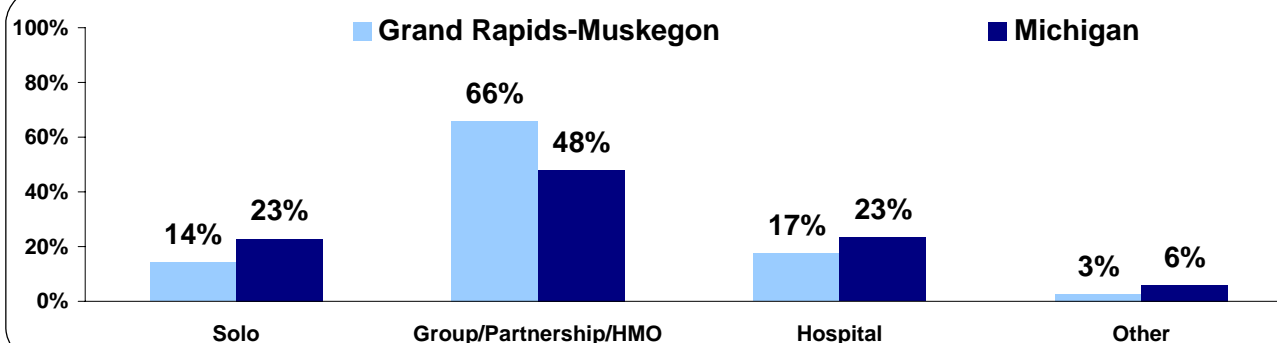
Specialty Groups	In Grand Rapids- Muskegon	Spec % of Grand Rapids- Muskegon	In Michigan	Grand Rapids- Muskegon % of Michigan
Primary Care	850	38%	8,822	10%
Ob/Gyn	138	6%	1,342	10%
IM Specialties	143	6%	2,167	7%
Surgery (General)	77	3%	872	9%
Surgery Specialties	308	14%	2,499	12%
Facility Based	299	13%	2,675	11%
Psychiatrists	85	4%	1,241	7%
Other	<u>316</u>	<u>14%</u>	<u>3,033</u>	<u>10%</u>
Total Physicians*	2,315	100%	23,769	10%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	13%	53%	59%
Ob/Gyn	4%	52%	71%
IM Specialties	17%	43%	39%
Surgery (General)	8%	51%	70%
Surgery Specialties	6%	52%	43%
Facility Based	9%	46%	39%
Psychiatrists	25%	34%	55%
Other	8%	49%	54%

Practice Setting of Active Patient Care Physicians, 2004



Jackson Area

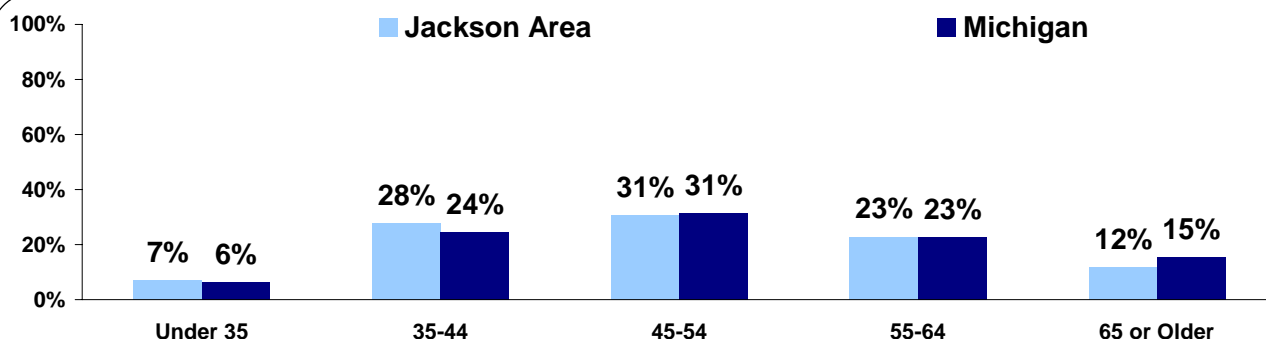
	In Jackson Area	In Michigan	United States
2004 Population	461,751	10,158,867	293,655,404
% of Michigan, Population	5%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	535	23,769	668,599
% of Michigan, Active Patient Care Physicians	2%		
Percent Female	23%	27%	25%
Percent Underrepresented Minority	7%	8%	9%
Average Age	51	49	51
Percent Int'l Medical School Grads (IMGs)	33%	28%	23%
Percent Michigan Medical School Grads	31%	38%	3%
Percent with Graduate Training in Michigan	46%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	/100k Pop.		/100k Pop.	
	In Jackson Area	Jackson Area	In Michigan	Michigan
Primary Care	217	47	8,822	87
Ob/Gyn	25	5	1,342	13
IM Specialties	52	11	2,167	21
Surgery (General)	26	6	872	9
Surgery Specialties	54	12	2,499	25
Facility Based	54	12	2,675	26
Psychiatrists	34	7	1,241	12
Other	56	12	3,033	30
Total Physicians*	535	116	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Jackson Area

Active Patient Care Physicians, 2004

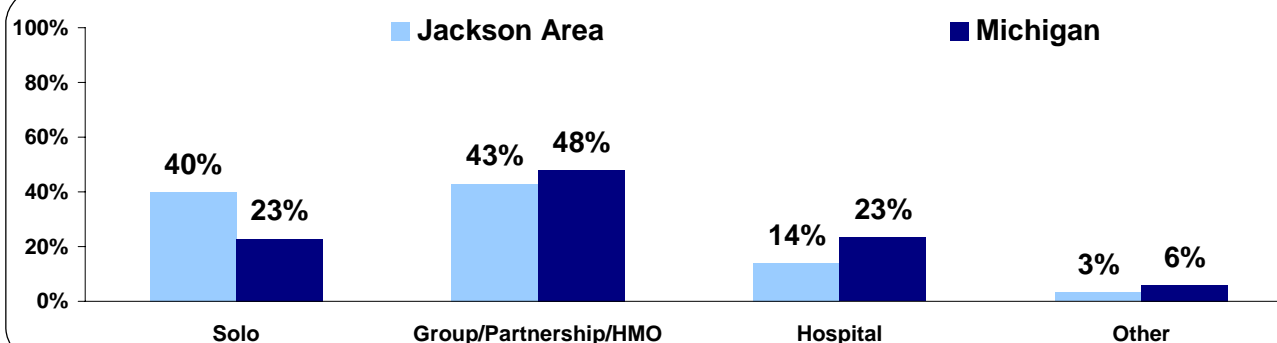
Specialty Groups	In Jackson Area	Spec % of Jackson Area	In Michigan	Jackson Area % of Michigan
Primary Care	217	42%	8,822	2%
Ob/Gyn	25	5%	1,342	2%
IM Specialties	52	10%	2,167	2%
Surgery (General)	26	5%	872	3%
Surgery Specialties	54	10%	2,499	2%
Facility Based	54	10%	2,675	2%
Psychiatrists	34	7%	1,241	3%
Other	56	11%	3,033	2%
Total Physicians*	535	100%	23,769	2%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	35%	29%	45%
Ob/Gyn	23%	32%	40%
IM Specialties	44%	25%	39%
Surgery (General)	54%	19%	42%
Surgery Specialties	22%	43%	48%
Facility Based	32%	37%	49%
Psychiatrists	68%	21%	57%
Other	27%	40%	61%

Practice Setting of Active Patient Care Physicians, 2004



Kalamazoo-Battle Creek

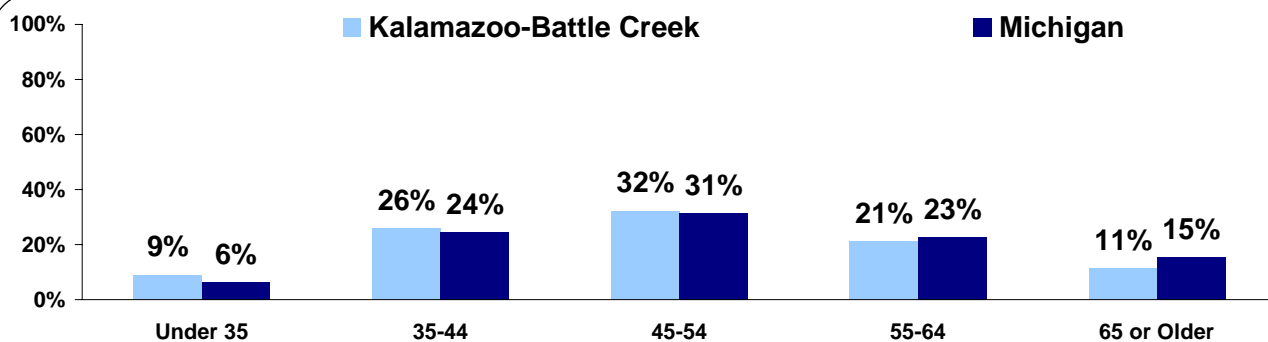
	In Kalamazoo-Battle Creek	In Michigan	United States
2004 Population	551,258	10,158,867	293,655,404
% of Michigan, Population	5%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	1,201	23,769	668,599
% of Michigan, Active Patient Care Physicians	5%		
Percent Female	23%	27%	25%
Percent Underrepresented Minority	7%	8%	9%
Average Age	50	49	51
Percent Int'l Medical School Grads (IMGs)	25%	28%	23%
Percent Michigan Medical School Grads	35%	38%	3%
Percent with Graduate Training in Michigan	48%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Kalamazoo-Battle Creek	/100k Pop. Kalamazoo-Battle Creek	In Michigan	/100k Pop. Michigan
Primary Care	450	82	8,822	87
Ob/Gyn	61	11	1,342	13
IM Specialties	109	20	2,167	21
Surgery (General)	46	8	872	9
Surgery Specialties	152	28	2,499	25
Facility Based	123	22	2,675	26
Psychiatrists	75	14	1,241	12
Other	160	29	3,033	30
Total Physicians*	1,201	218	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Kalamazoo-Battle Creek

Active Patient Care Physicians, 2004

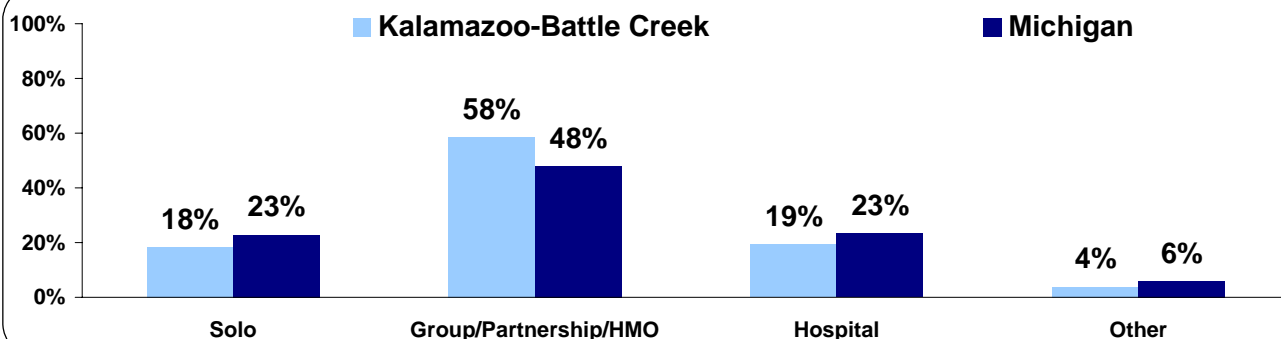
Specialty Groups	In Kalamazoo-Battle Creek	Spec % of Kalamazoo-Battle Creek	In Michigan	Kalamazoo-Battle Creek % of Michigan
Primary Care	450	38%	8,822	5%
Ob/Gyn	61	5%	1,342	5%
IM Specialties	109	9%	2,167	5%
Surgery (General)	46	4%	872	5%
Surgery Specialties	152	13%	2,499	6%
Facility Based	123	10%	2,675	5%
Psychiatrists	75	6%	1,241	6%
Other	<u>160</u>	<u>14%</u>	<u>3,033</u>	<u>5%</u>
Total Physicians*	1,201	100%	23,769	5%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	26%	37%	57%
Ob/Gyn	12%	39%	62%
IM Specialties	37%	25%	38%
Surgery (General)	20%	40%	53%
Surgery Specialties	12%	38%	31%
Facility Based	18%	35%	32%
Psychiatrists	66%	15%	57%
Other	12%	43%	55%

Practice Setting of Active Patient Care Physicians, 2004



Lansing Area

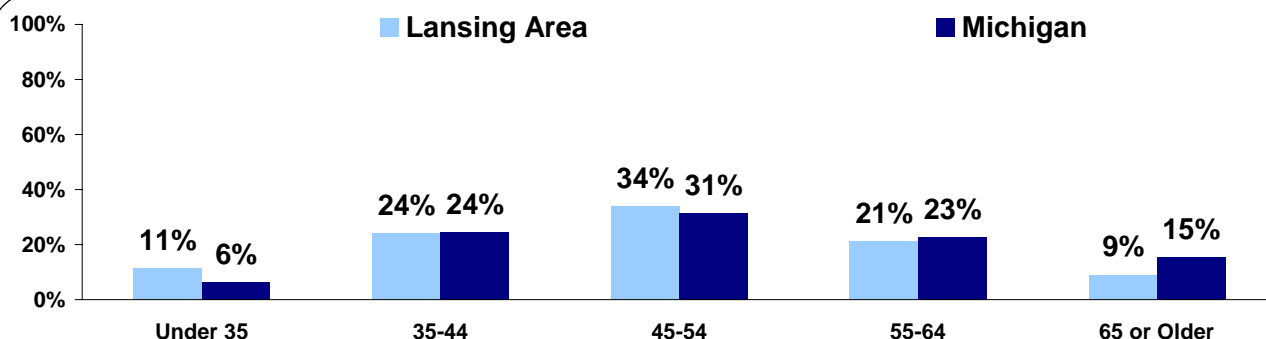
	In Lansing Area	In Michigan	United States
2004 Population	459,410	10,158,867	293,655,404
% of Michigan, Population	5%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	1,131	23,769	668,599
% of Michigan, Active Patient Care Physicians	5%		
Percent Female	30%	27%	25%
Percent Underrepresented Minority	7%	8%	9%
Average Age	49	49	51
Percent Int'l Medical School Grads (IMGs)	22%	28%	23%
Percent Michigan Medical School Grads	47%	38%	3%
Percent with Graduate Training in Michigan	50%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	/100k Pop.		/100k Pop.	
	In Lansing Area	Lansing Area	In Michigan	Michigan
Primary Care	440	96	8,822	87
Ob/Gyn	62	13	1,342	13
IM Specialties	84	18	2,167	21
Surgery (General)	32	7	872	9
Surgery Specialties	99	22	2,499	25
Facility Based	113	25	2,675	26
Psychiatrists	74	16	1,241	12
Other	145	32	3,033	30
Total Physicians*	1,131	246	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Lansing Area

Active Patient Care Physicians, 2004

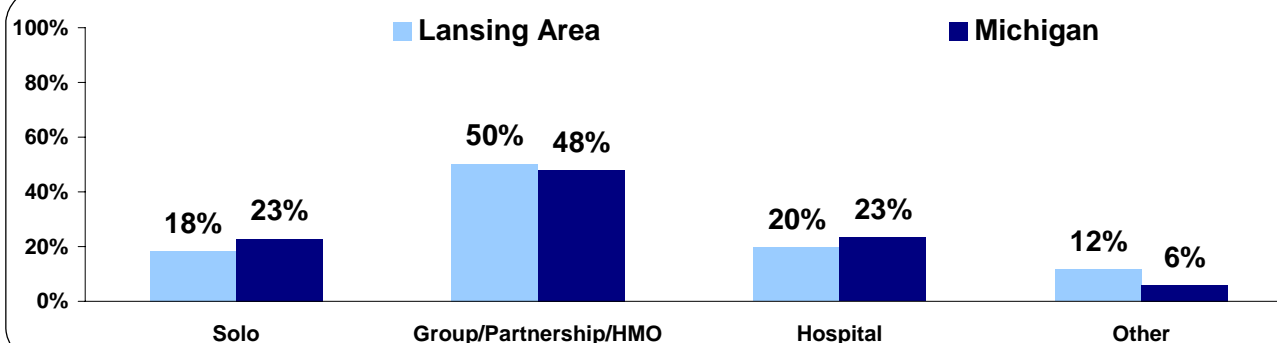
Specialty Groups	In Lansing Area	Spec % of Lansing Area	In Michigan	Lansing Area % of Michigan
Primary Care	440	42%	8,822	5%
Ob/Gyn	62	6%	1,342	5%
IM Specialties	84	8%	2,167	4%
Surgery (General)	32	3%	872	4%
Surgery Specialties	99	9%	2,499	4%
Facility Based	113	11%	2,675	4%
Psychiatrists	74	7%	1,241	6%
Other	<u>145</u>	<u>14%</u>	<u>3,033</u>	<u>5%</u>
Total Physicians*	1,131	100%	23,769	5%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	23%	51%	60%
Ob/Gyn	18%	39%	52%
IM Specialties	25%	31%	51%
Surgery (General)	13%	50%	59%
Surgery Specialties	12%	44%	31%
Facility Based	20%	47%	37%
Psychiatrists	15%	57%	74%
Other	17%	43%	46%

Practice Setting of Active Patient Care Physicians, 2004



Northeast

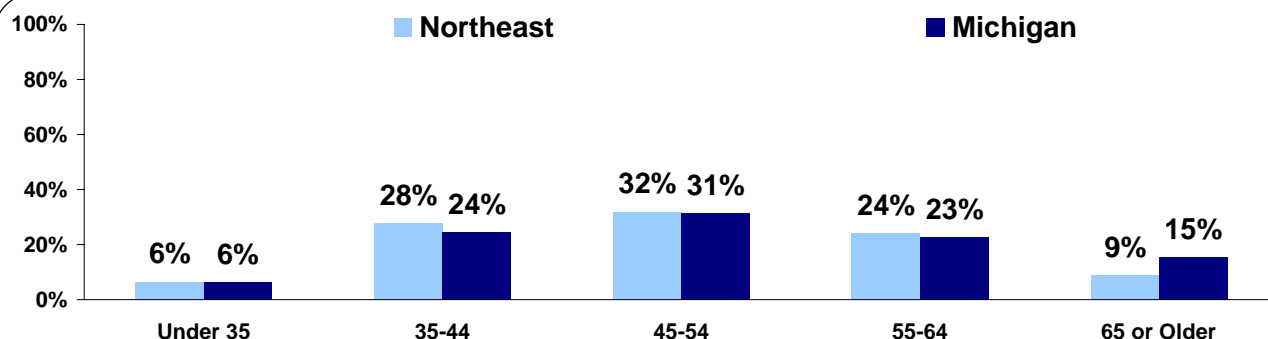
	In Northeast	In Michigan	United States
2004 Population	142,291	10,158,867	293,655,404
% of Michigan, Population	1%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	216	23,769	668,599
% of Michigan, Active Patient Care Physicians	1%		
Percent Female	19%	27%	25%
Percent Underrepresented Minority	4%	8%	9%
Average Age	50	49	51
Percent Int'l Medical School Grads (IMGs)	21%	28%	23%
Percent Michigan Medical School Grads	43%	38%	3%
Percent with Graduate Training in Michigan	49%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Northeast	/100k Pop. Northeast	In Michigan	/100k Pop. Michigan
Primary Care	102	72	8,822	87
Ob/Gyn	10	7	1,342	13
IM Specialties	7	5	2,167	21
Surgery (General)	15	11	872	9
Surgery Specialties	19	13	2,499	25
Facility Based	22	15	2,675	26
Psychiatrists	4	3	1,241	12
Other	24	17	3,033	30
Total Physicians*	216	152	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Northeast

Active Patient Care Physicians, 2004

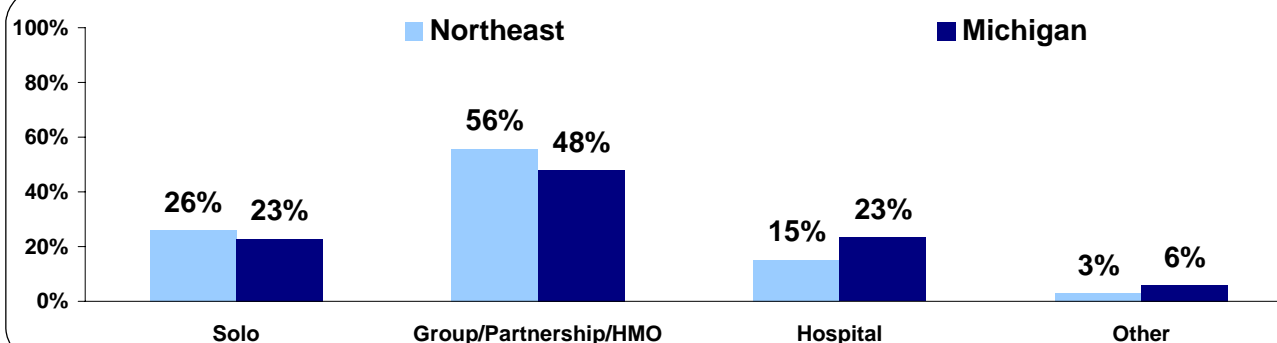
Specialty Groups	In Northeast	Spec % of Northeast	In Michigan	Northeast % of Michigan
Primary Care	102	50%	8,822	1%
Ob/Gyn	10	5%	1,342	1%
IM Specialties	7	3%	2,167	0%
Surgery (General)	15	7%	872	2%
Surgery Specialties	19	9%	2,499	1%
Facility Based	22	11%	2,675	1%
Psychiatrists	4	2%	1,241	0%
Other	24	12%	3,033	1%
Total Physicians*	216	100%	23,769	1%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	22%	47%	58%
Ob/Gyn	10%	60%	50%
IM Specialties	43%	43%	43%
Surgery (General)	13%	47%	53%
Surgery Specialties	0%	47%	42%
Facility Based	36%	23%	46%
Psychiatrists	50%	0%	0%
Other	13%	46%	58%

Practice Setting of Active Patient Care Physicians, 2004



Northwest

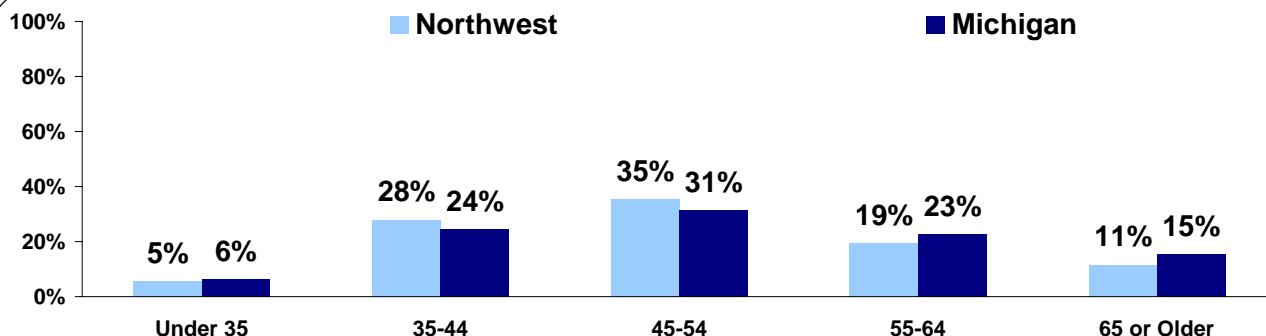
	In Northwest	In Michigan	United States
2004 Population	296,814	10,158,867	293,655,404
% of Michigan, Population	3%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	759	23,769	668,599
% of Michigan, Active Patient Care Physicians	3%		
Percent Female	19%	27%	25%
Percent Underrepresented Minority	1%	8%	9%
Average Age	50	49	51
Percent Int'l Medical School Grads (IMGs)	6%	28%	23%
Percent Michigan Medical School Grads	57%	38%	3%
Percent with Graduate Training in Michigan	51%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Northwest	/100k Pop. Northwest	In Michigan	/100k Pop. Michigan
Primary Care	285	96	8,822	87
Ob/Gyn	35	12	1,342	13
IM Specialties	64	22	2,167	21
Surgery (General)	33	11	872	9
Surgery Specialties	96	32	2,499	25
Facility Based	104	35	2,675	26
Psychiatrists	37	12	1,241	12
Other	88	30	3,033	30
Total Physicians*	759	256	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Northwest

Active Patient Care Physicians, 2004

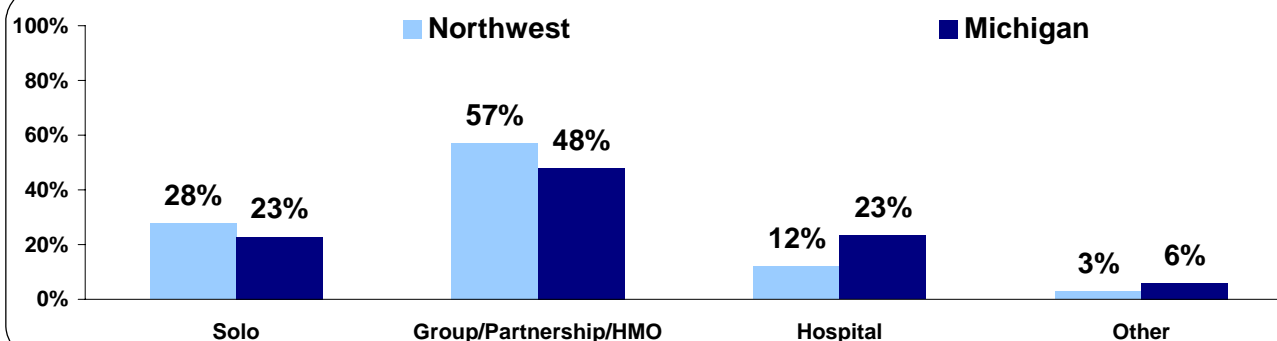
Specialty Groups	In Northwest	Spec % of Northwest	In Michigan	Northwest % of Michigan
Primary Care	285	38%	8,822	3%
Ob/Gyn	35	5%	1,342	3%
IM Specialties	64	9%	2,167	3%
Surgery (General)	33	4%	872	4%
Surgery Specialties	96	13%	2,499	4%
Facility Based	104	14%	2,675	4%
Psychiatrists	37	5%	1,241	3%
Other	88	12%	3,033	3%
Total Physicians*	759	100%	23,769	3%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	6%	59%	54%
Ob/Gyn	3%	69%	74%
IM Specialties	9%	39%	48%
Surgery (General)	12%	55%	58%
Surgery Specialties	4%	58%	44%
Facility Based	6%	55%	46%
Psychiatrists	3%	70%	65%
Other	6%	63%	46%

Practice Setting of Active Patient Care Physicians, 2004



Saginaw-Thumb

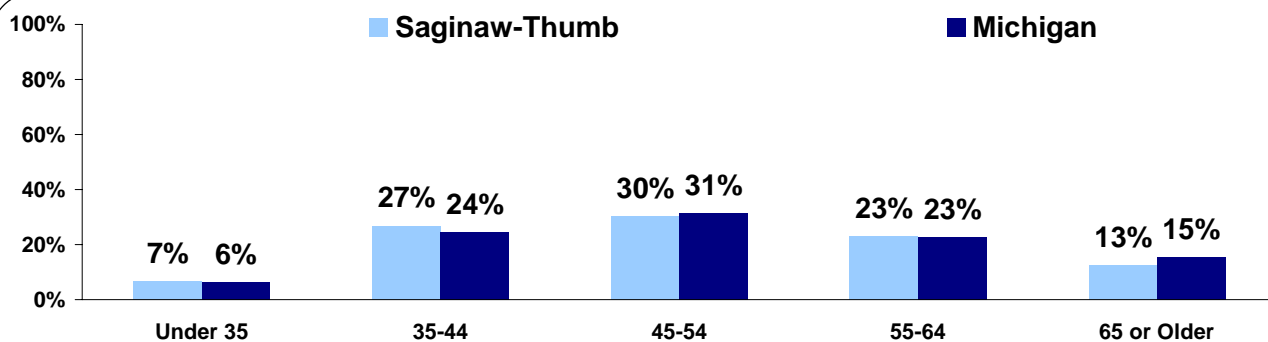
	In Saginaw-Thumb	In Michigan	United States
2004 Population	630,791	10,158,867	293,655,404
% of Michigan, Population	6%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	1,113	23,769	668,599
% of Michigan, Active Patient Care Physicians	5%		
Percent Female	22%	27%	25%
Percent Underrepresented Minority	4%	8%	9%
Average Age	51	49	51
Percent Int'l Medical School Grads (IMGs)	41%	28%	23%
Percent Michigan Medical School Grads	35%	38%	3%
Percent with Graduate Training in Michigan	52%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Saginaw-Thumb	/100k Pop. Saginaw-Thumb	In Michigan	/100k Pop. Michigan
Primary Care	471	75	8,822	87
Ob/Gyn	52	8	1,342	13
IM Specialties	90	14	2,167	21
Surgery (General)	42	7	872	9
Surgery Specialties	127	20	2,499	25
Facility Based	141	22	2,675	26
Psychiatrists	36	6	1,241	12
Other	132	21	3,033	30
Total Physicians*	1,113	176	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Saginaw-Thumb

Active Patient Care Physicians, 2004

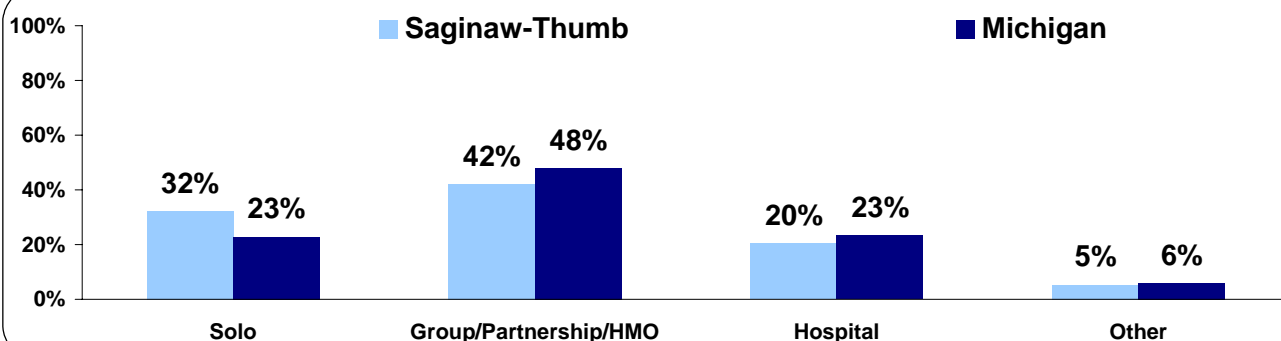
Specialty Groups	In Saginaw-Thumb	Spec % of Saginaw-Thumb	In Michigan	Saginaw-Thumb % of Michigan
Primary Care	471	43%	8,822	5%
Ob/Gyn	52	5%	1,342	4%
IM Specialties	90	8%	2,167	4%
Surgery (General)	42	4%	872	5%
Surgery Specialties	127	12%	2,499	5%
Facility Based	141	13%	2,675	5%
Psychiatrists	36	3%	1,241	3%
Other	<u>132</u>	<u>12%</u>	<u>3,033</u>	<u>4%</u>
Total Physicians*	1,113	100%	23,769	5%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	42%	34%	59%
Ob/Gyn	19%	54%	67%
IM Specialties	64%	16%	41%
Surgery (General)	42%	31%	63%
Surgery Specialties	20%	45%	33%
Facility Based	42%	28%	45%
Psychiatrists	53%	36%	64%
Other	22%	46%	58%

Practice Setting of Active Patient Care Physicians, 2004



Southwest Michigan

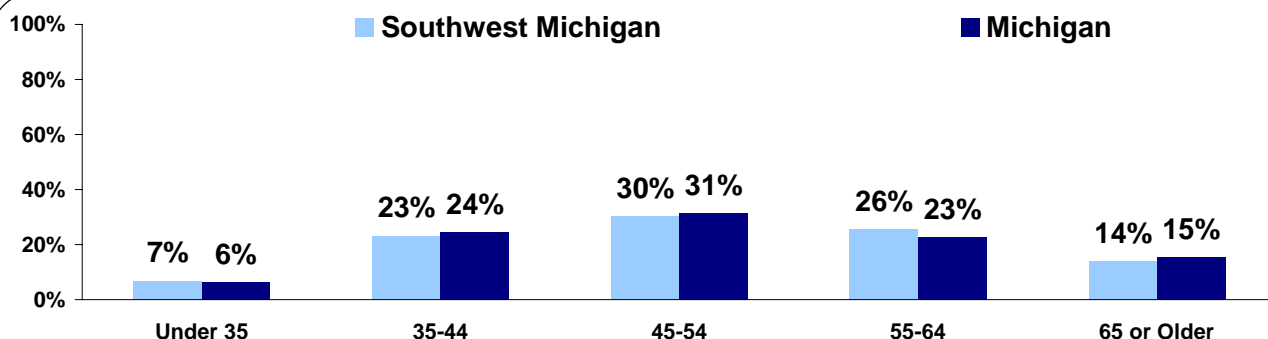
	In Southwest Michigan	In Michigan	United States
2004 Population	290,564	10,158,867	293,655,404
% of Michigan, Population	3%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	364	23,769	668,599
% of Michigan, Active Patient Care Physicians	2%		
Percent Female	21%	27%	25%
Percent Underrepresented Minority	7%	8%	9%
Average Age	51	49	51
Percent Int'l Medical School Grads (IMGs)	26%	28%	23%
Percent Michigan Medical School Grads	24%	38%	3%
Percent with Graduate Training in Michigan	32%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Southwest Michigan	/100k Pop. Southwest Michigan	In Michigan	/100k Pop. Michigan
Primary Care	169	58	8,822	87
Ob/Gyn	24	8	1,342	13
IM Specialties	35	12	2,167	21
Surgery (General)	22	8	872	9
Surgery Specialties	32	11	2,499	25
Facility Based	39	13	2,675	26
Psychiatrists	9	3	1,241	12
Other	29	10	3,033	30
Total Physicians*	364	125	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Southwest Michigan

Active Patient Care Physicians, 2004

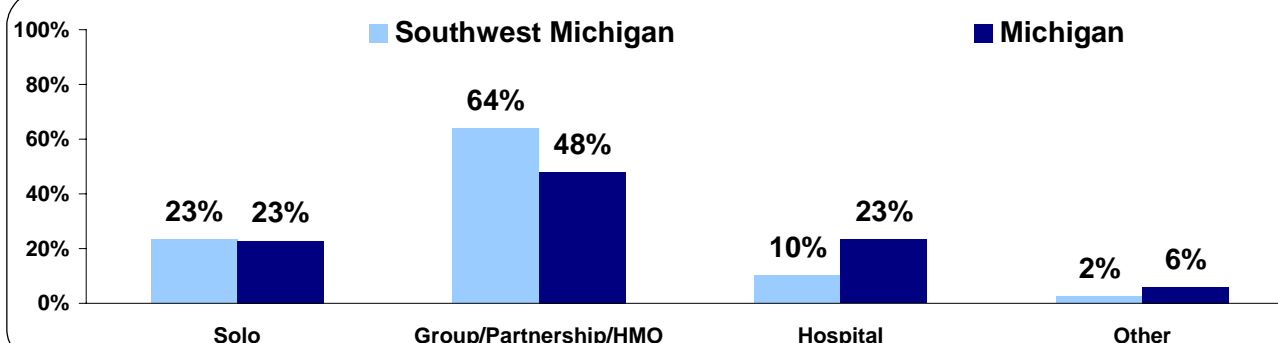
Specialty Groups	In Southwest Michigan	Spec % of Southwest Michigan	In Michigan	Southwest Michigan % of Michigan
Primary Care	169	47%	8,822	2%
Ob/Gyn	24	7%	1,342	2%
IM Specialties	35	10%	2,167	2%
Surgery (General)	22	6%	872	3%
Surgery Specialties	32	9%	2,499	1%
Facility Based	39	11%	2,675	1%
Psychiatrists	9	3%	1,241	1%
Other	29	8%	3,033	1%
Total Physicians*	364	100%	23,769	2%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	26%	30%	36%
Ob/Gyn	25%	8%	29%
IM Specialties	34%	9%	26%
Surgery (General)	46%	14%	41%
Surgery Specialties	6%	31%	19%
Facility Based	33%	8%	18%
Psychiatrists	56%	11%	44%
Other	14%	40%	47%

Practice Setting of Active Patient Care Physicians, 2004



Upper Peninsula

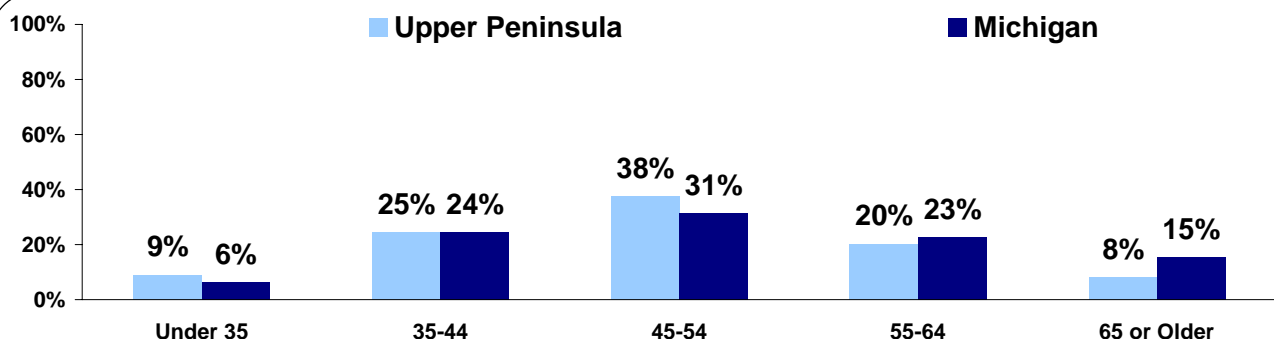
	In Upper Peninsula	In Michigan	United States
2004 Population	312,418	10,158,867	293,655,404
% of Michigan, Population	3%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	578	23,769	668,599
% of Michigan, Active Patient Care Physicians	2%		
Percent Female	24%	27%	25%
Percent Underrepresented Minority	3%	8%	9%
Average Age	49	49	51
Percent Int'l Medical School Grads (IMGs)	18%	28%	23%
Percent Michigan Medical School Grads	43%	38%	3%
Percent with Graduate Training in Michigan	41%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	In Upper Peninsula	/100k Pop. Upper Peninsula	In Michigan	/100k Pop. Michigan
Primary Care	260	83	8,822	87
Ob/Gyn	28	9	1,342	13
IM Specialties	50	16	2,167	21
Surgery (General)	29	9	872	9
Surgery Specialties	52	17	2,499	25
Facility Based	54	17	2,675	26
Psychiatrists	26	8	1,241	12
Other	66	21	3,033	30
Total Physicians*	578	185	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



Upper Peninsula

Active Patient Care Physicians, 2004

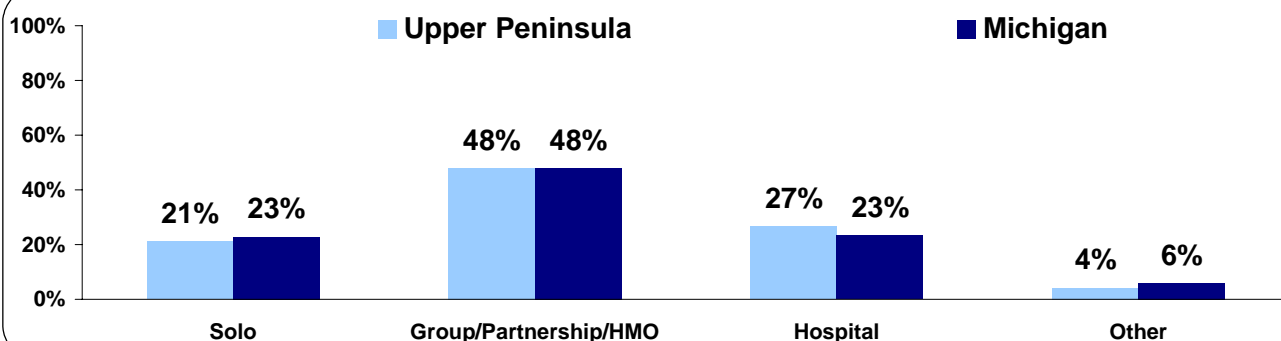
Specialty Groups	In Upper Peninsula	Spec % of Upper Peninsula	In Michigan	Upper Peninsula % of Michigan
Primary Care	260	46%	8,822	3%
Ob/Gyn	28	5%	1,342	2%
IM Specialties	50	9%	2,167	2%
Surgery (General)	29	5%	872	3%
Surgery Specialties	52	9%	2,499	2%
Facility Based	54	10%	2,675	2%
Psychiatrists	26	5%	1,241	2%
Other	66	12%	3,033	2%
Total Physicians*	578	100%	23,769	2%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	18%	49%	54%
Ob/Gyn	11%	46%	46%
IM Specialties	46%	20%	18%
Surgery (General)	7%	48%	45%
Surgery Specialties	6%	42%	29%
Facility Based	22%	40%	30%
Psychiatrists	19%	31%	39%
Other	20%	42%	36%

Practice Setting of Active Patient Care Physicians, 2004



West Central

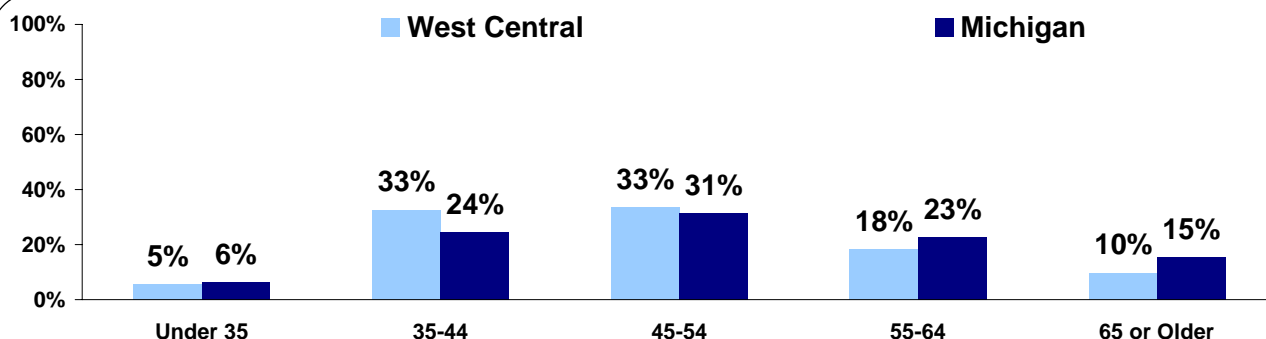
	In West Central	In Michigan	United States
2004 Population	388,948	10,158,867	293,655,404
% of Michigan, Population	4%		
Profile of Active Patient Care Physicians, 2004			
Number of Active Patient Care Physicians	439	23,769	668,599
% of Michigan, Active Patient Care Physicians	2%		
Percent Female	20%	27%	25%
Percent Underrepresented Minority	7%	8%	9%
Average Age	49	49	51
Percent Int'l Medical School Grads (IMGs)	24%	28%	23%
Percent Michigan Medical School Grads	38%	38%	3%
Percent with Graduate Training in Michigan	43%	59%	6%

Active Patient Care Physicians, 2004

Specialty Groups	/100k Pop.		/100k Pop.	
	In West Central	West Central	In Michigan	Michigan
Primary Care	218	56	8,822	87
Ob/Gyn	28	7	1,342	13
IM Specialties	26	7	2,167	21
Surgery (General)	30	8	872	9
Surgery Specialties	30	8	2,499	25
Facility Based	34	9	2,675	26
Psychiatrists	15	4	1,241	12
Other	43	11	3,033	30
Total Physicians*	439	113	23,769	234

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Age Distribution of Active Patient Care Physicians, 2004



West Central

Active Patient Care Physicians, 2004

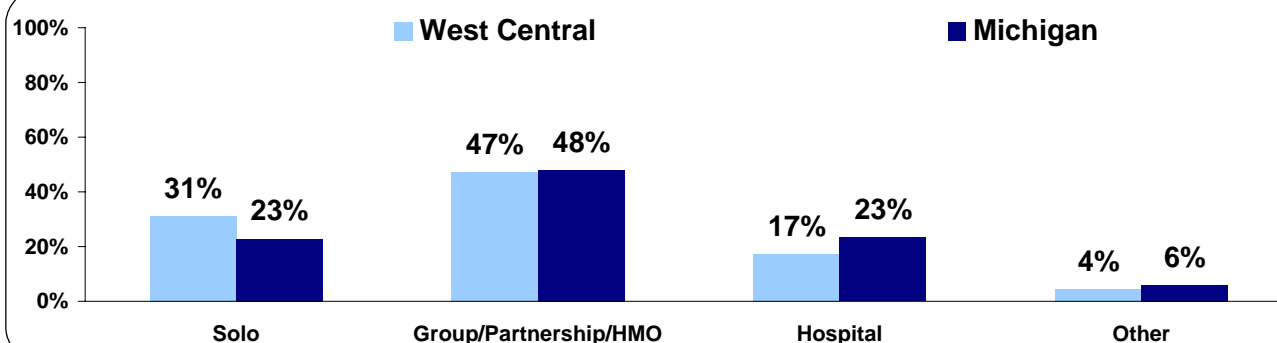
Specialty Groups	In West Central	Spec % of West Central	In Michigan	West Central % of Michigan
Primary Care	218	51%	8,822	2%
Ob/Gyn	28	7%	1,342	2%
IM Specialties	26	6%	2,167	1%
Surgery (General)	30	7%	872	3%
Surgery Specialties	30	7%	2,499	1%
Facility Based	34	8%	2,675	1%
Psychiatrists	15	4%	1,241	1%
Other	43	10%	3,033	1%
Total Physicians*	439	100%	23,769	2%

* Due to missing specialty information, the sum of the specialty groupings does not equal the total number of physicians.

Specialty by Training of Active Patient Care Physicians, 2004

Specialty Groups	% Int'l Medical Grad	% Michigan Medical School Grad	% Michigan Graduate Training
Primary Care	24%	41%	45%
Ob/Gyn	17%	41%	48%
IM Specialties	73%	15%	54%
Surgery (General)	20%	45%	53%
Surgery Specialties	23%	33%	37%
Facility Based	30%	24%	50%
Psychiatrists	20%	47%	27%
Other	26%	40%	35%

Practice Setting of Active Patient Care Physicians, 2004

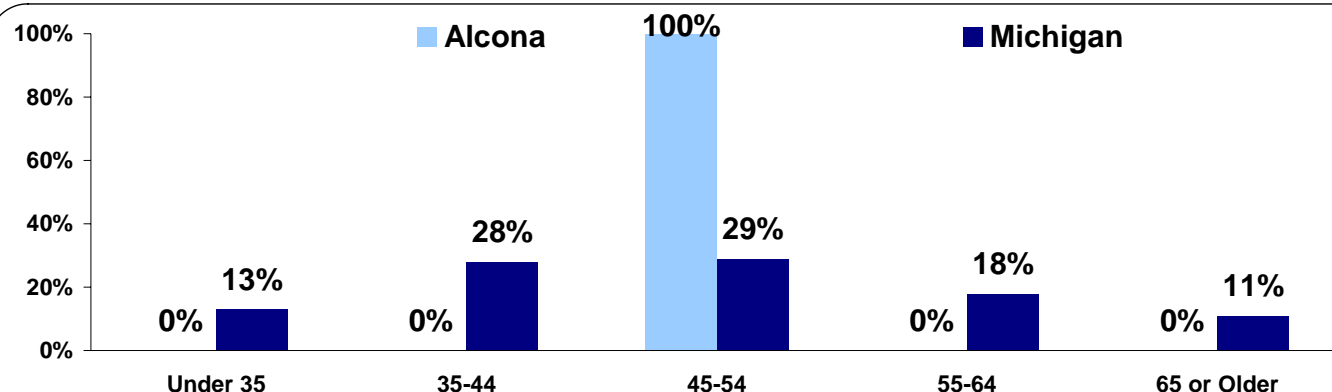


County Profiles

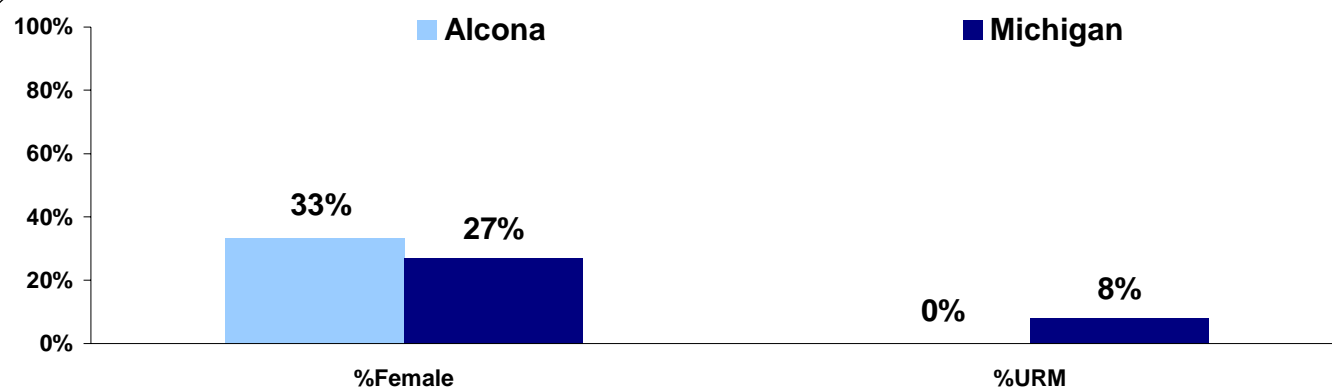
Alcona

Population		Alcona 11,571	Michigan 10,158,867
		#	#/100k Pop
Primary Care		3	25.9
	Family Practice	3	25.9
	Internal Medicine (General)	0	0.0
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		0	0.0
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		3	25.9

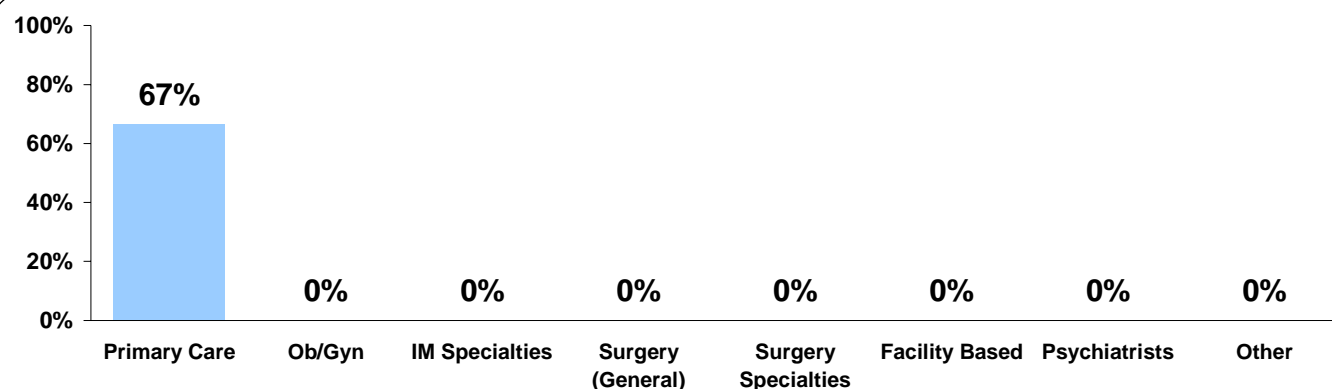
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



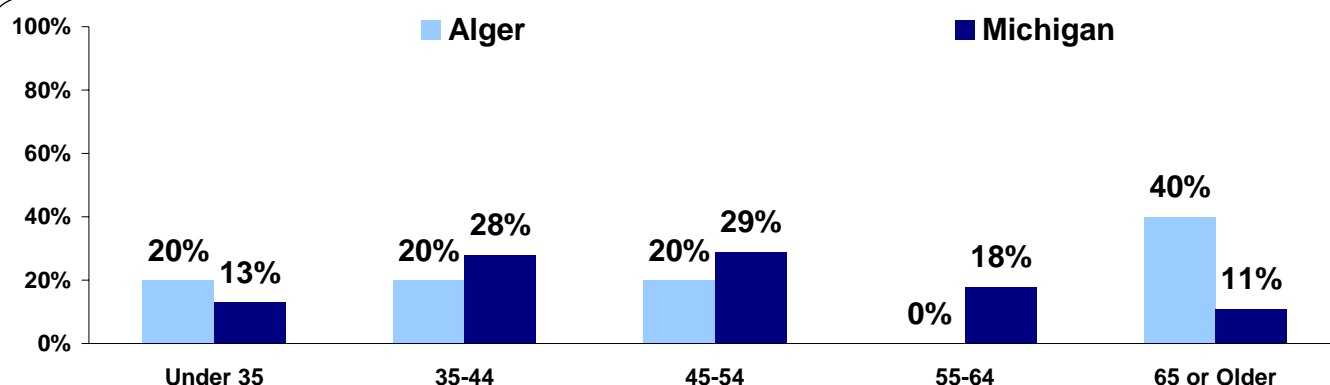
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



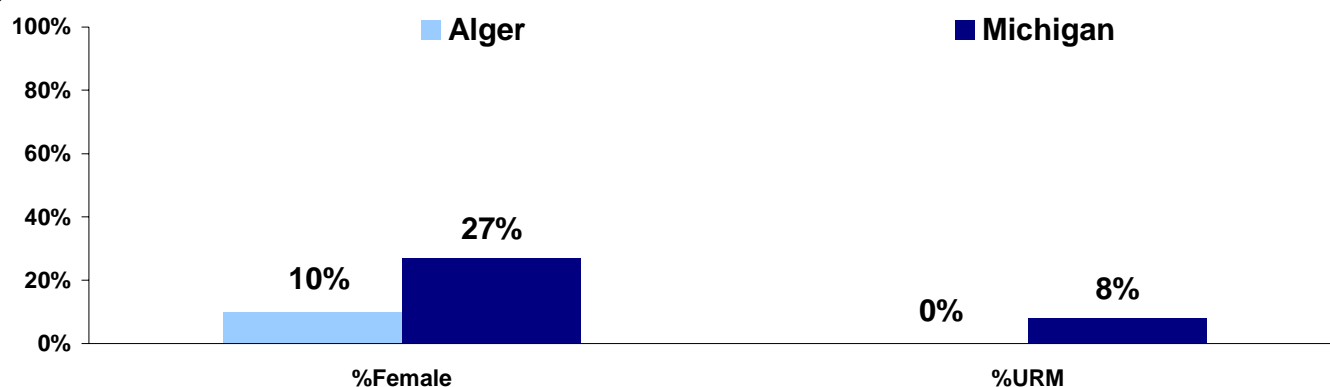
Alger

Population		Alger 9,677	Michigan 10,158,867
		#	#/100k Pop
Primary Care		4	41.3
	Family Practice	2	20.7
	Internal Medicine (General)	2	20.7
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		1	10.3
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	1	10.3
	Other Internal Medicine	0	0.0
Surgery (General)		2	20.7
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		1	10.3
	Psychiatry - Adult	1	10.3
	Psychiatry - Child & Adolescent	0	0.0
Other		1	10.3
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	1	10.3
Total Physicians		10	100.6

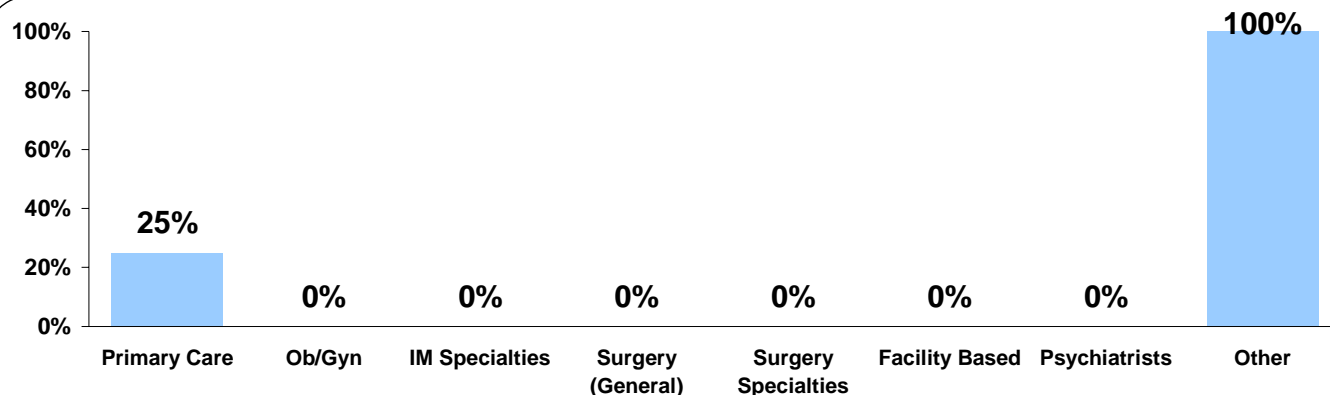
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

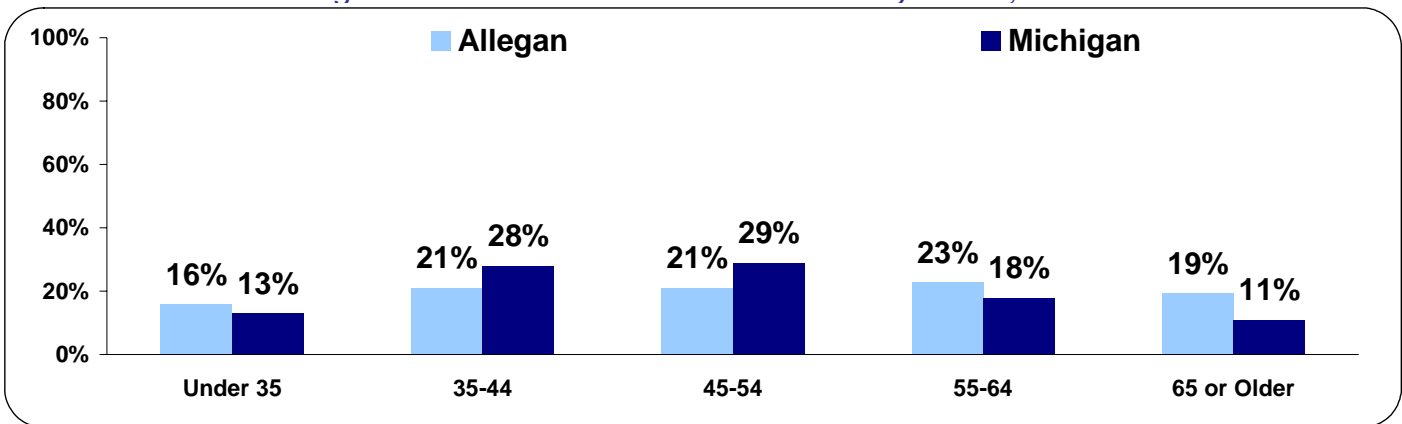


Allegan

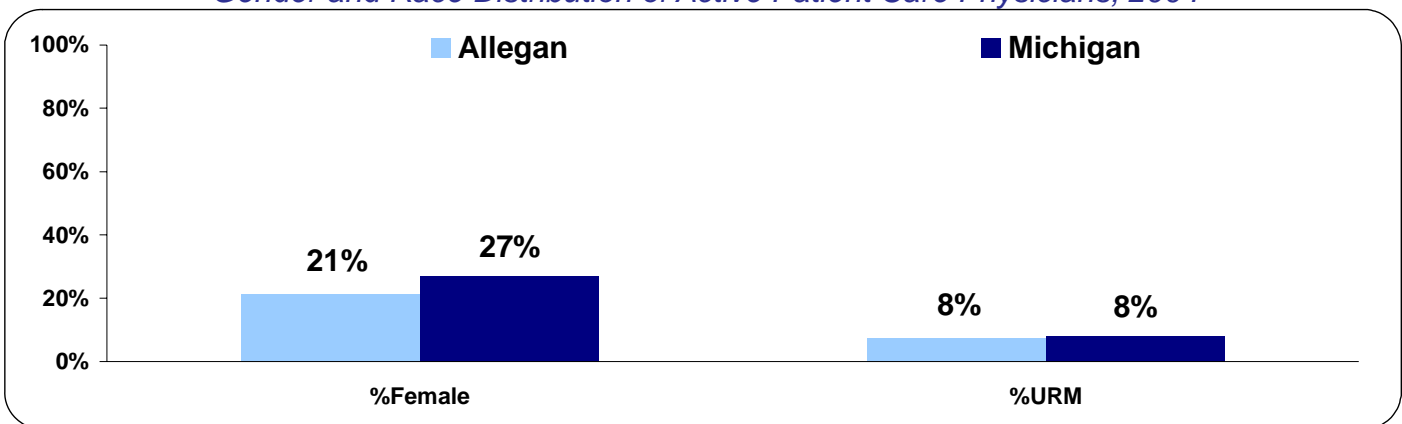
Population		<u>Allegan</u> 114,034	<u>Michigan</u> 10,158,867
		<u>#</u>	<u>#/100k Pop</u>
Primary Care		37	32.4
	Family Practice	30	26.3
	Internal Medicine (General)	6	5.3
	Pediatrics (General)	1	0.9
Ob/Gyn		1	0.9
	Obstetrics & Gynecology	1	0.9
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		3	2.6
Surgery Specialties		2	1.8
	Neurosurgery	0	0.0
	Ophthalmology	1	0.9
	Orthopedics	1	0.9
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		5	4.4
	Anesthesiology	1	0.9
	Pathology	0	0.0
	Radiology	4	3.5
Psychiatrists		5	4.4
	Psychiatry - Adult	5	4.4
	Psychiatry - Child & Adolescent	0	0.0
Other		3	2.6
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	2	1.8
	Neurology	0	0.0
	Pediatrics Subspecialties	1	0.9
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		57	49.9

Allegan

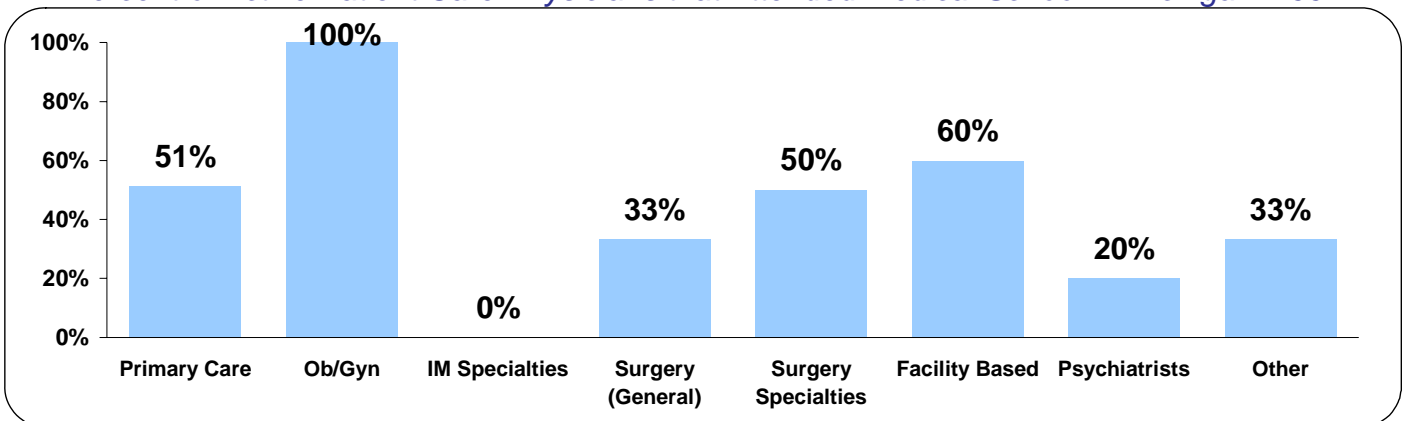
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

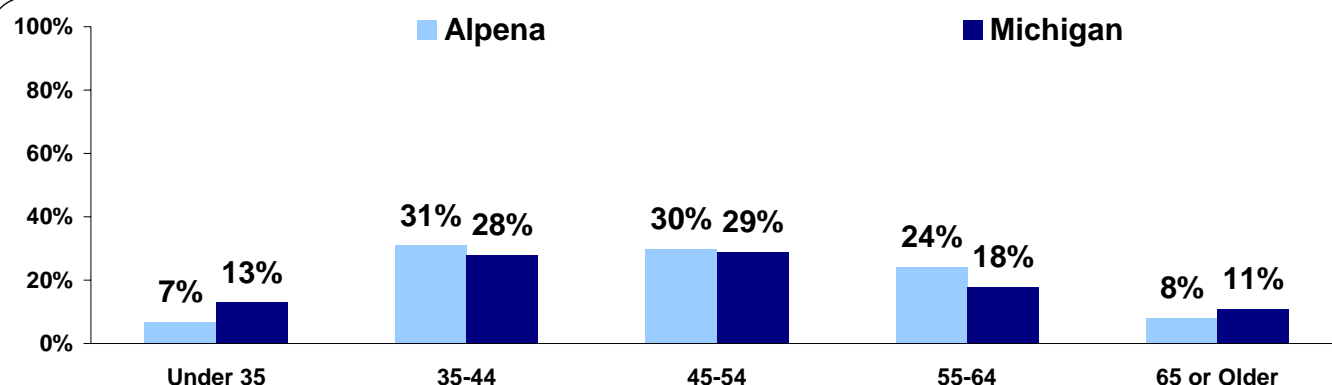


Alpena

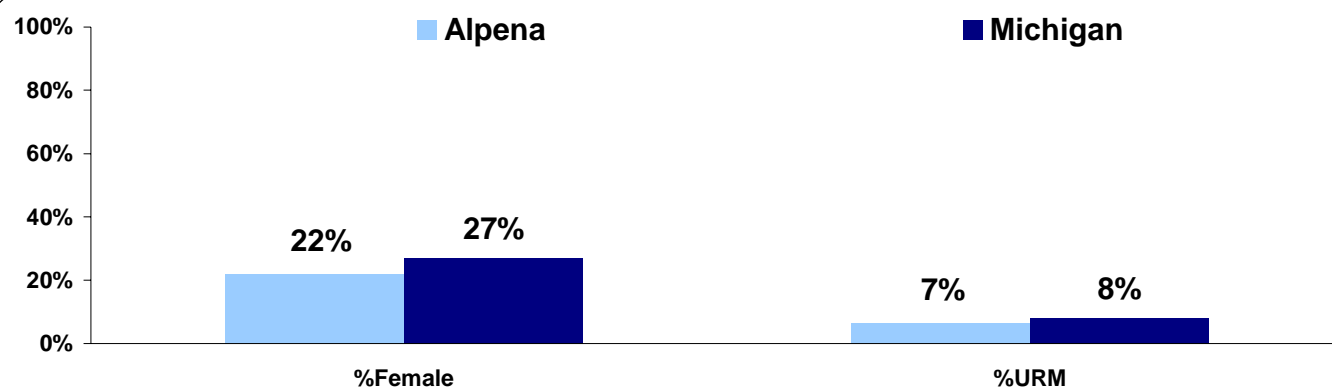
Population		Alpena 30,542	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		32	104.8	86.8
	Family Practice	18	58.9	38.6
	Internal Medicine (General)	11	36.0	33.7
	Pediatrics (General)	3	9.8	14.5
Ob/Gyn		4	13.1	13.2
	Obstetrics & Gynecology	4	13.1	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		6	19.6	21.3
	Cardiology	1	3.3	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	1	3.3	2.0
	Pulmonary Disease	3	9.8	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	1	3.3	2.5
	Surgery (General)	7	22.9	8.6
	Surgery Specialties		9	29.5
Neurosurgery		0	0.0	1.4
Ophthalmology		1	3.3	5.8
Orthopedics		5	16.4	6.2
Otolaryngology		1	3.3	2.5
Plastic Surgery		0	0.0	1.7
Thoracic Surgery		0	0.0	1.4
Urology		2	6.5	3.0
Other Surgery Specialties		0	0.0	2.7
Facility Based			13	42.6
	Anesthesiology	4	13.1	9.6
	Pathology	3	9.8	5.0
	Radiology	6	19.6	11.8
Psychiatrists		5	16.4	12.2
	Psychiatry - Adult	4	13.1	10.3
	Psychiatry - Child & Adolescent	1	3.3	1.9
Other		9	29.5	29.9
	Allergy & Immunology	1	3.3	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	6	19.6	10.8
	Neurology	1	3.3	3.9
	Pediatrics Subspecialties	1	3.3	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
	Total Physicians	87	285.3	234.0

Alpena

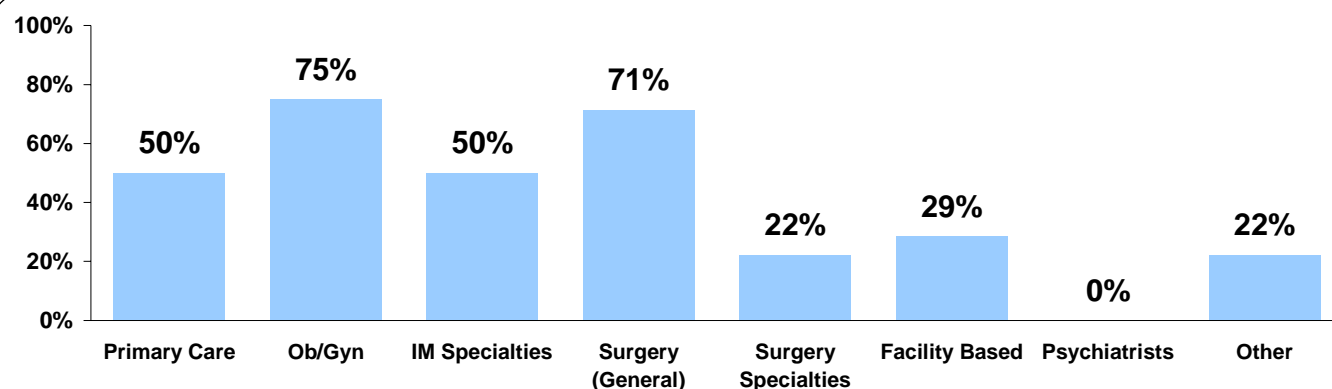
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



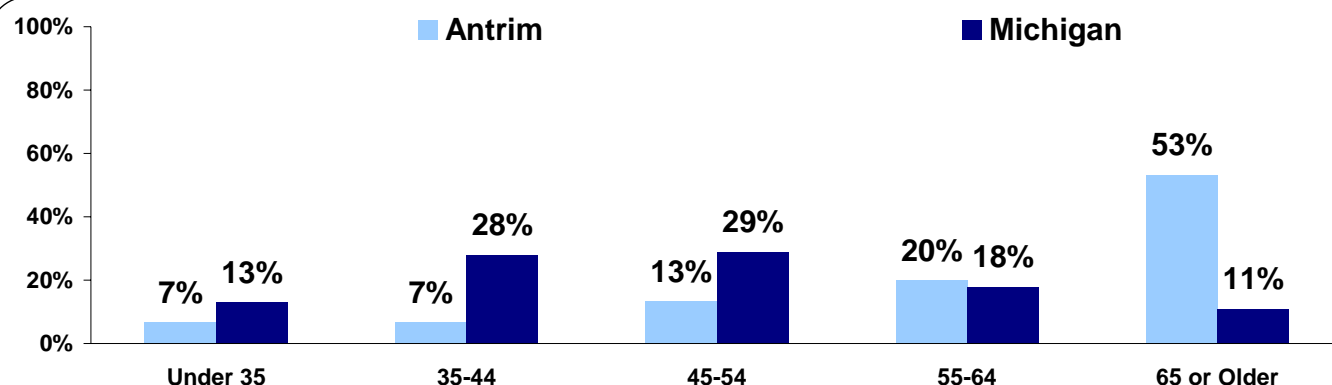
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



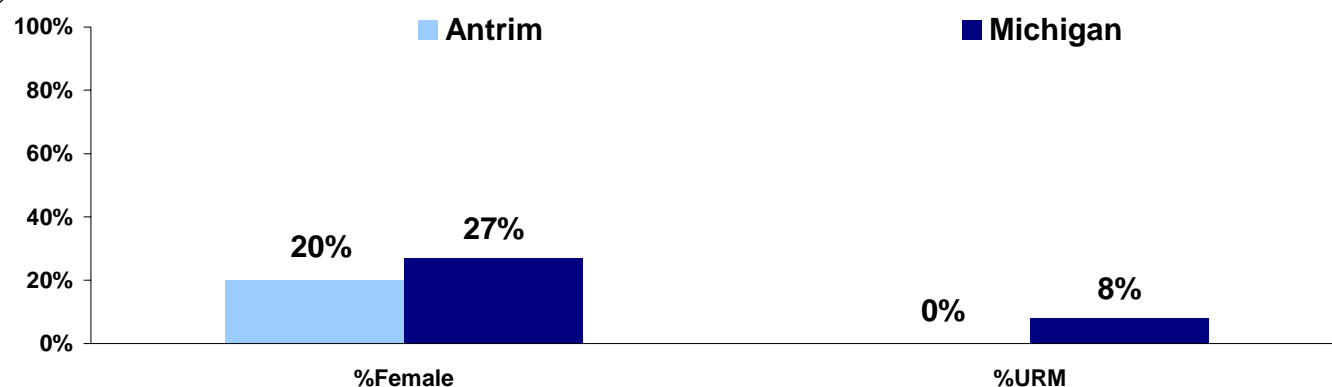
Antrim

Population		Antrim 24,576	Michigan 10,158,867
		#	#/100k Pop
Primary Care		10	40.7
	Family Practice	9	36.6
	Internal Medicine (General)	1	4.1
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		0	0.0
Surgery Specialties		1	4.1
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	1	4.1
	Other Surgery Specialties	0	0.0
Facility Based		1	4.1
	Anesthesiology	1	4.1
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		2	8.1
	Psychiatry - Adult	2	8.1
	Psychiatry - Child & Adolescent	0	0.0
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		15	61.0

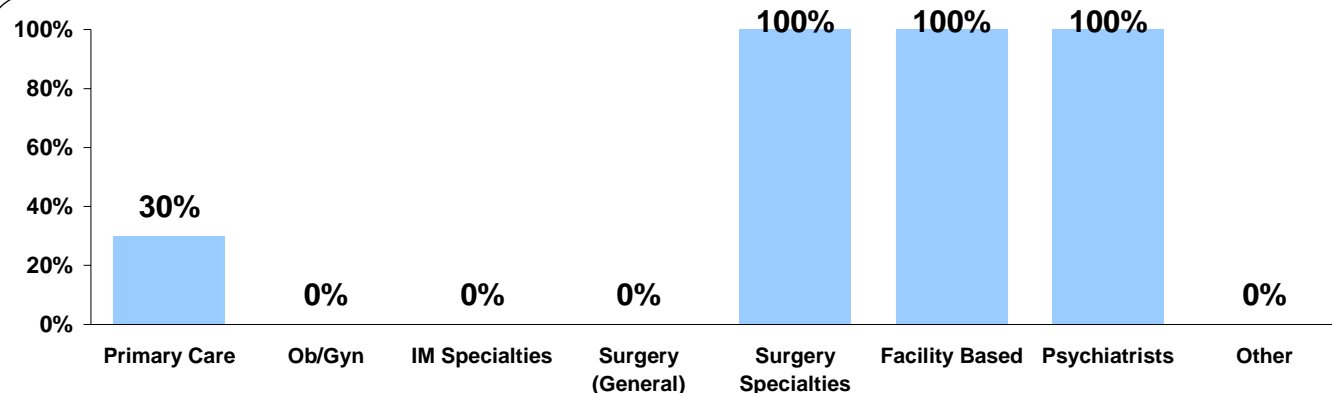
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

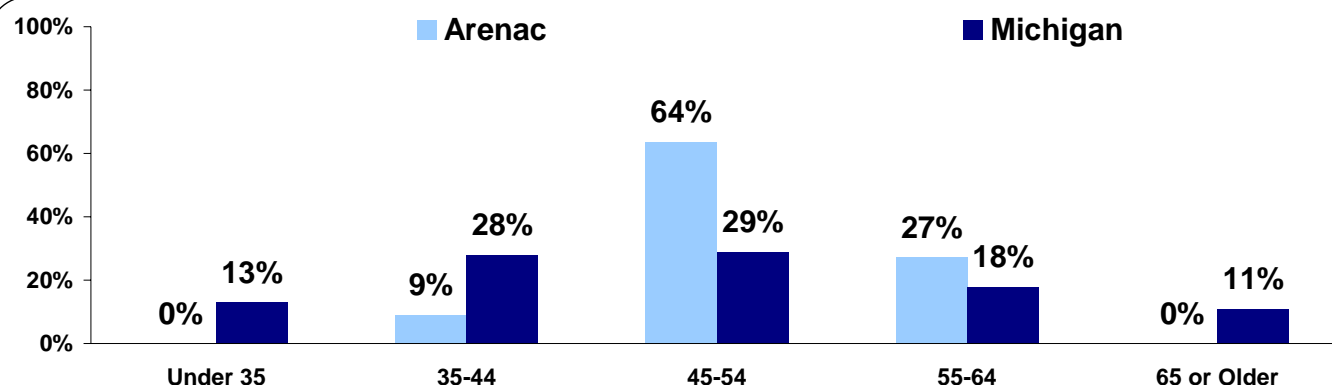


Arenac

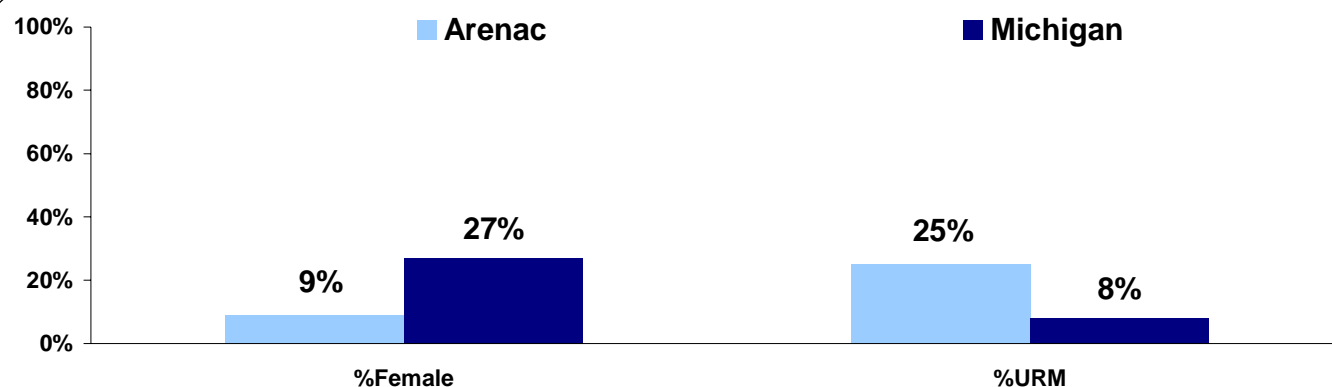
Population		Arenac 17,142	Michigan 10,158,867
		#	#/100k Pop
Primary Care		8	46.7
	Family Practice	4	23.3
	Internal Medicine (General)	4	23.3
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		1	5.8
	Cardiology	1	5.8
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		0	0.0
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		1	5.8
	Psychiatry - Adult	1	5.8
	Psychiatry - Child & Adolescent	0	0.0
Other		1	5.8
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	1	5.8
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		11	64.2

Arenac

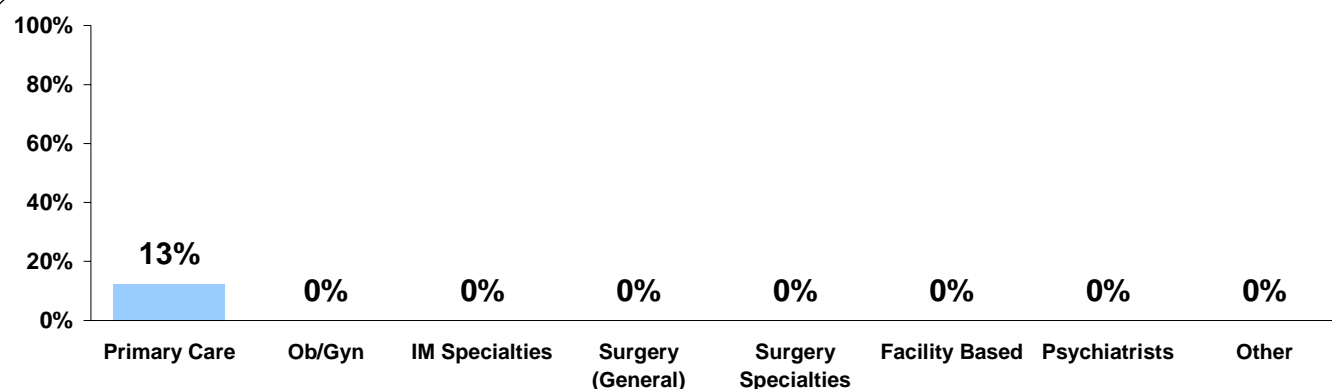
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

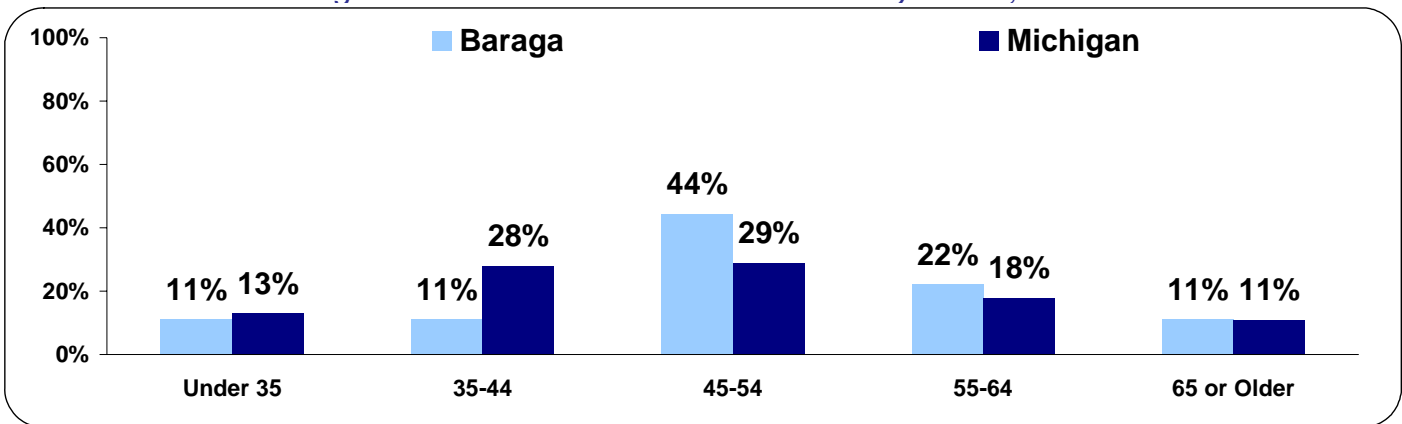


Baraga

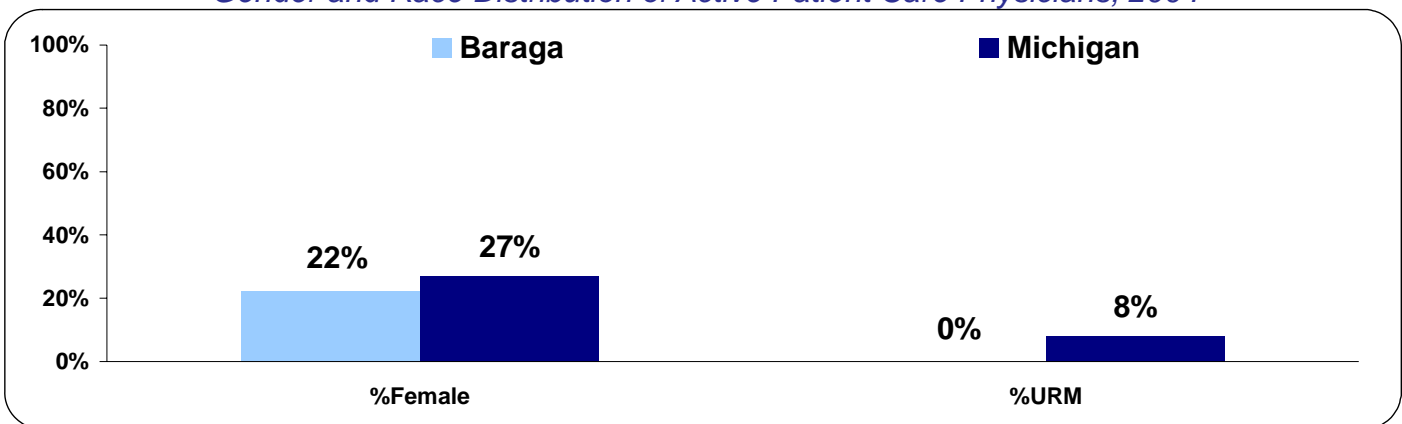
Population		Baraga 8,654	Michigan 10,158,867
		#	#/100k Pop
Primary Care		8	92.4
	Family Practice	7	80.9
	Internal Medicine (General)	1	11.6
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		1	11.6
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		9	104.0

Baraga

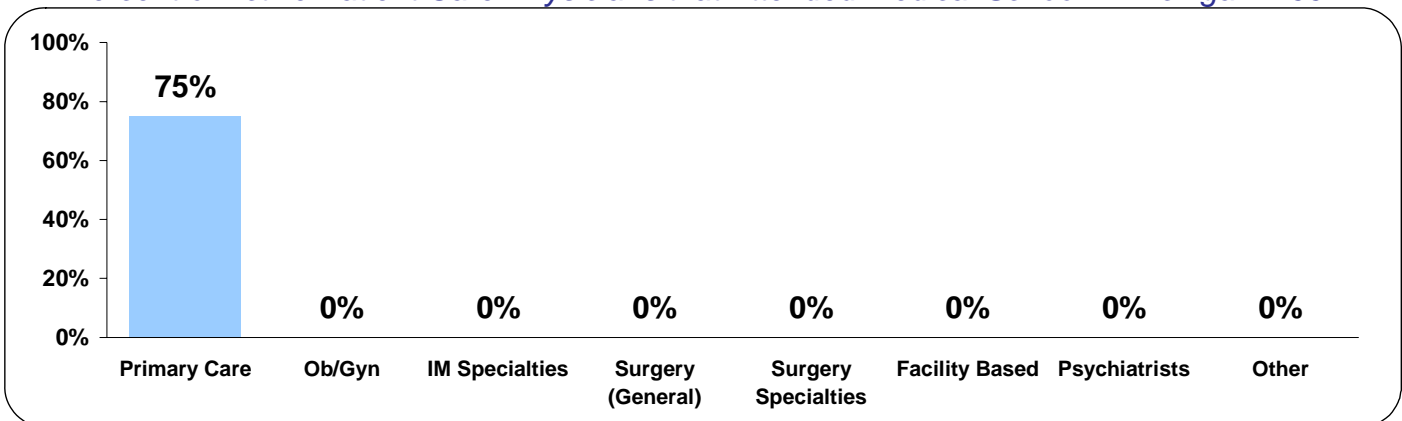
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



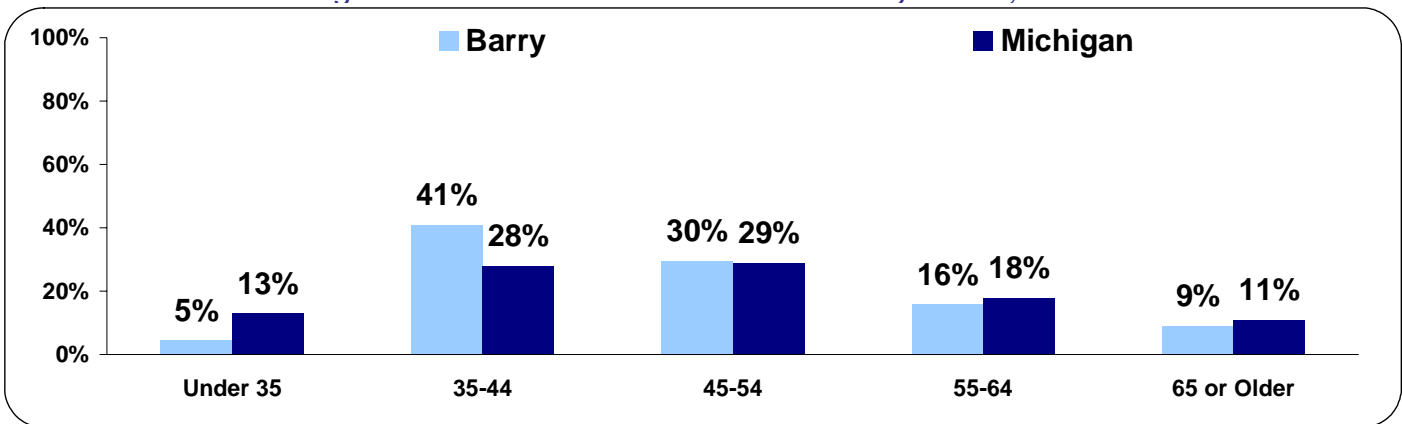
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



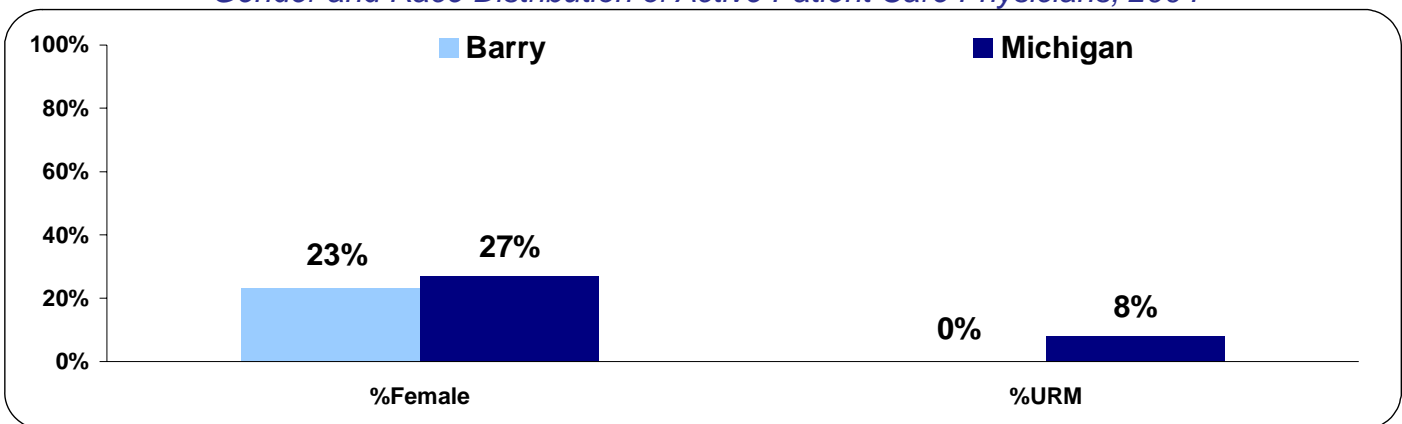
Barry

Population		Barry 59,662	Michigan 10,158,867
		#	#/100k Pop
Primary Care		21	35.2
	Family Practice	15	25.1
	Internal Medicine (General)	4	6.7
	Pediatrics (General)	2	3.4
Ob/Gyn		3	5.0
	Obstetrics & Gynecology	3	5.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		3	5.0
Surgery Specialties		7	11.7
	Neurosurgery	0	0.0
	Ophthalmology	3	5.0
	Orthopedics	2	3.4
	Otolaryngology	1	1.7
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	1	1.7
	Other Surgery Specialties	0	0.0
Facility Based		4	6.7
	Anesthesiology	0	0.0
	Pathology	1	1.7
	Radiology	3	5.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		3	5.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	2	3.4
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	1	1.7
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		43	72.9

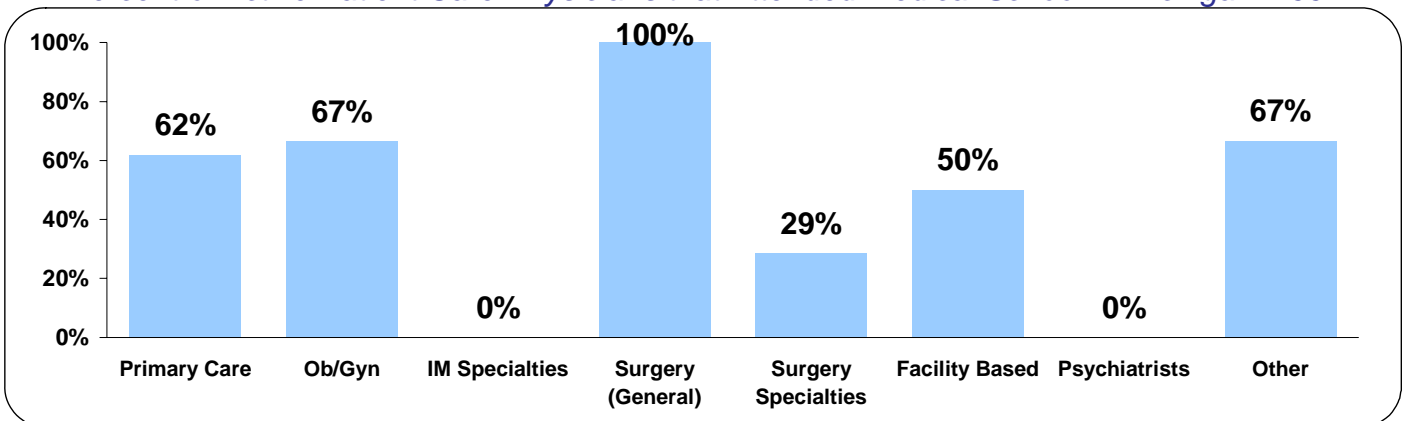
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



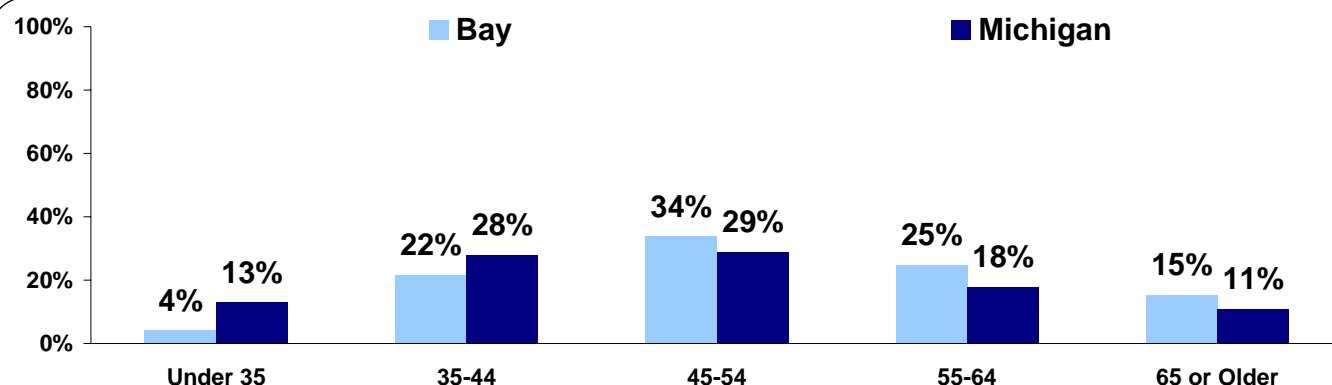
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



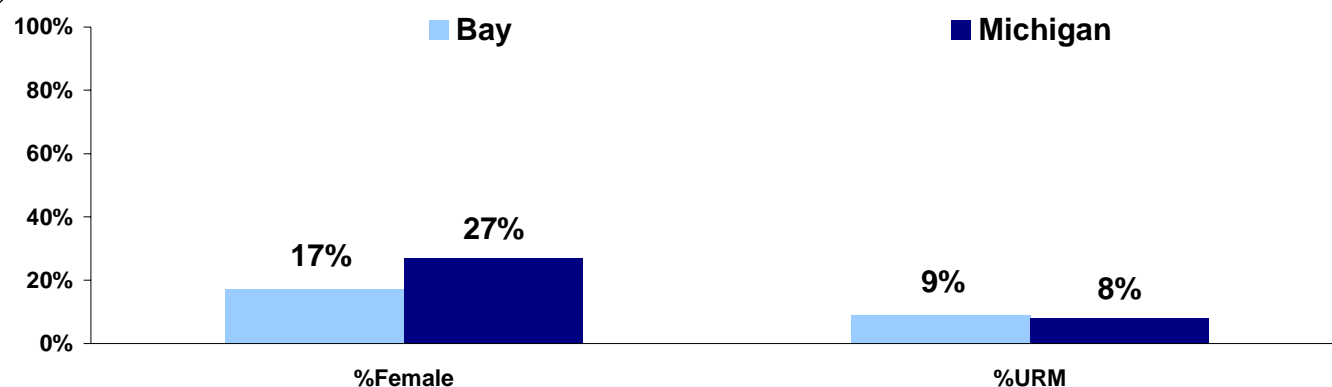
Bay

Population		Bay 108,911	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		77	70.7	86.8
	Family Practice	42	38.6	38.6
	Internal Medicine (General)	24	22.0	33.7
	Pediatrics (General)	11	10.1	14.5
Ob/Gyn		7	6.4	13.2
	Obstetrics & Gynecology	7	6.4	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		16	14.7	21.3
	Cardiology	4	3.7	5.9
	Endocrinology & Metabolism	1	0.9	1.0
	Gastroenterology	1	0.9	2.6
	Geriatrics	2	1.8	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	2	1.8	1.8
	Nephrology	1	0.9	2.0
	Pulmonary Disease	3	2.8	2.3
	Rheumatology	1	0.9	1.2
	Other Internal Medicine	1	0.9	2.5
Surgery (General)		4	3.7	8.6
Surgery Specialties		22	20.2	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	6	5.5	5.8
	Orthopedics	4	3.7	6.2
	Otolaryngology	6	5.5	2.5
	Plastic Surgery	2	1.8	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	2	1.8	3.0
	Other Surgery Specialties	2	1.8	2.7
Facility Based		28	25.7	26.3
	Anesthesiology	13	11.9	9.6
	Pathology	3	2.8	5.0
	Radiology	12	11.0	11.8
Psychiatrists		10	9.2	12.2
	Psychiatry - Adult	10	9.2	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		18	16.5	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	3	2.8	2.9
	Emergency Medicine	6	5.5	10.8
	Neurology	3	2.8	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	3	2.8	3.0
	Prev Med/Occ Med/Public Hlth	2	1.8	1.7
	Other	1	0.9	1.7
Total Physicians		191	175.3	234.0

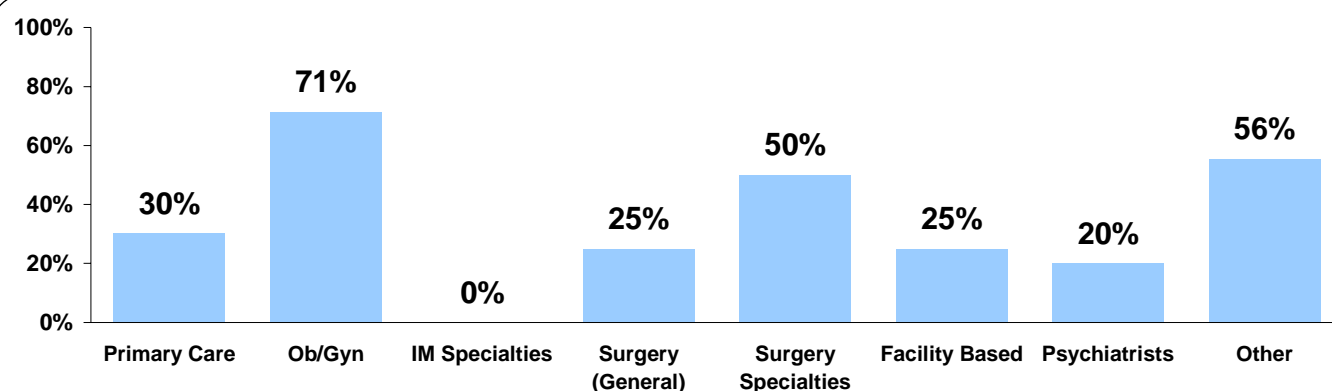
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



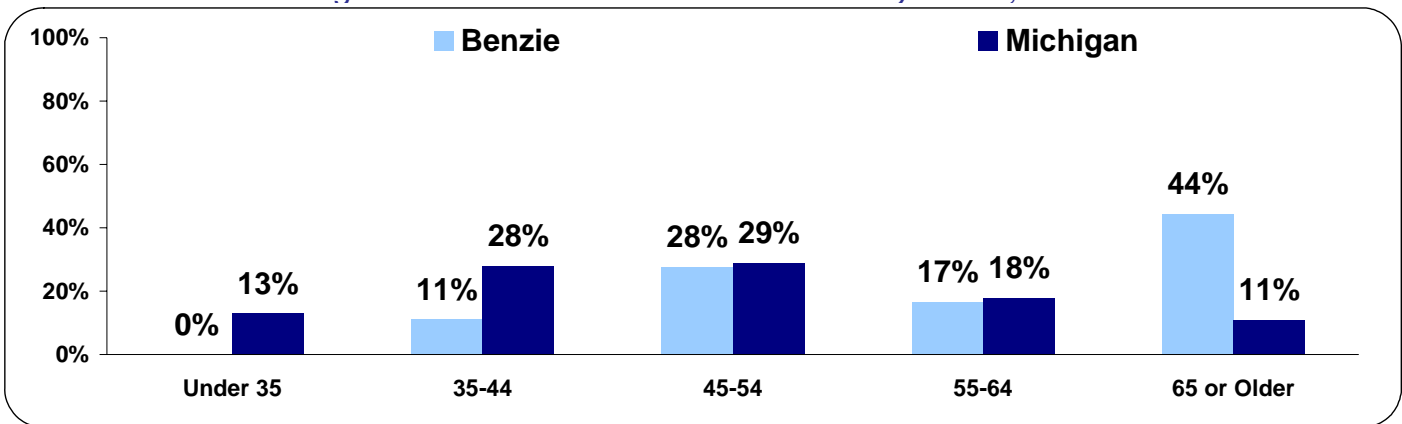
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



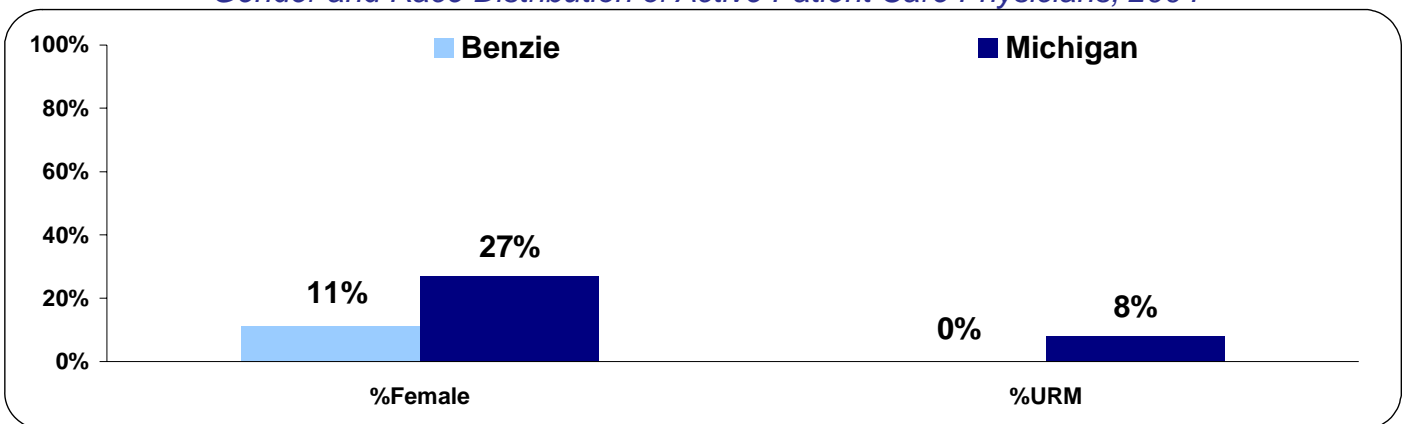
Benzie

Population		Benzie 17,520	Michigan 10,158,867
		#	#/100k Pop
Primary Care		11	62.8
	Family Practice	7	40.0
	Internal Medicine (General)	3	17.1
	Pediatrics (General)	1	5.7
Ob/Gyn		1	5.7
	Obstetrics & Gynecology	1	5.7
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		0	0.0
Surgery Specialties		3	17.1
	Neurosurgery	0	0.0
	Ophthalmology	1	5.7
	Orthopedics	2	11.4
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		1	5.7
	Anesthesiology	0	0.0
	Pathology	1	5.7
	Radiology	0	0.0
Psychiatrists		2	11.4
	Psychiatry - Adult	1	5.7
	Psychiatry - Child & Adolescent	1	5.7
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		18	101.2

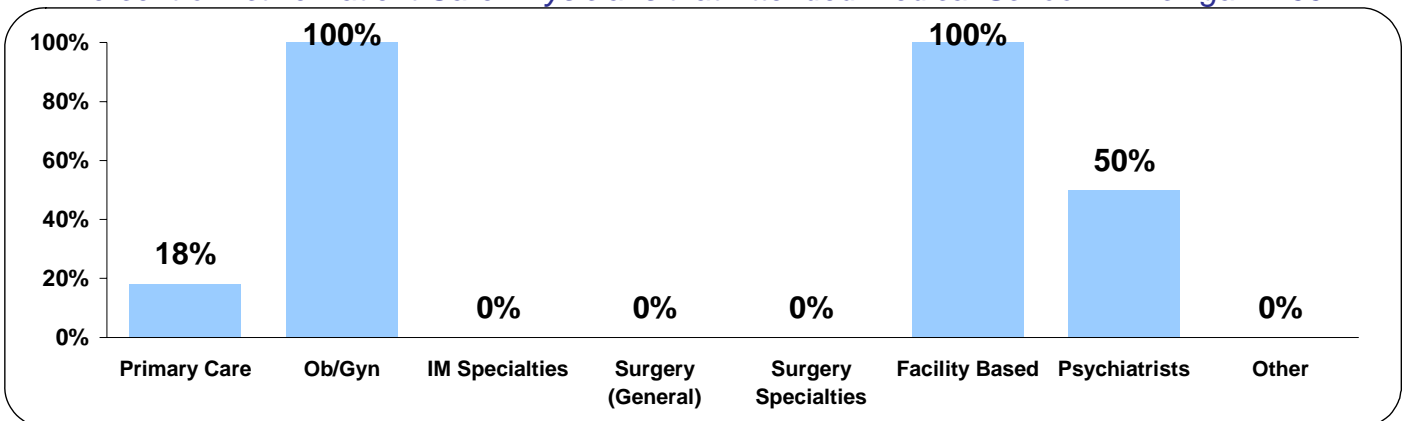
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



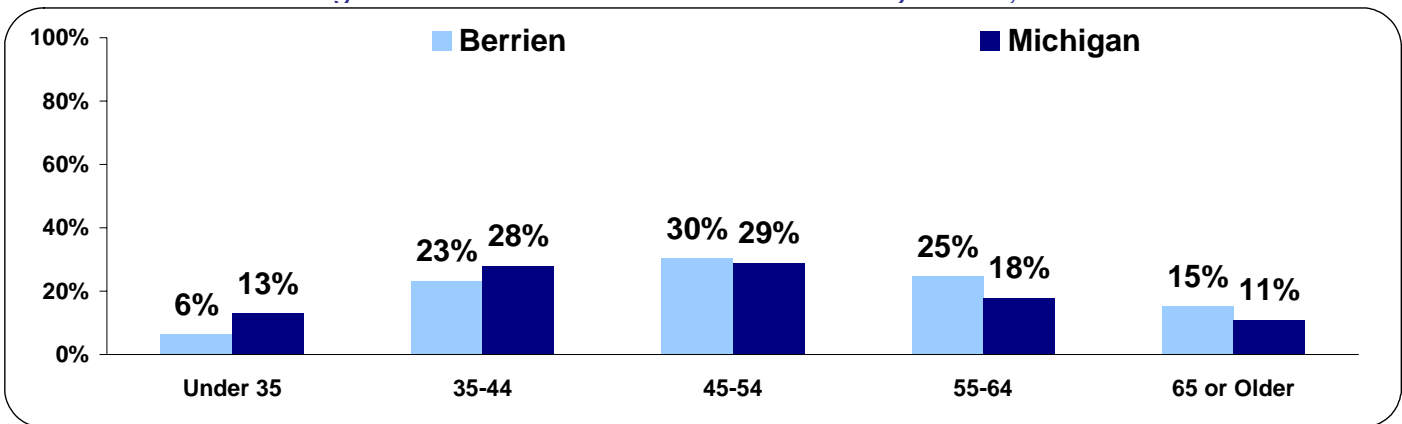
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



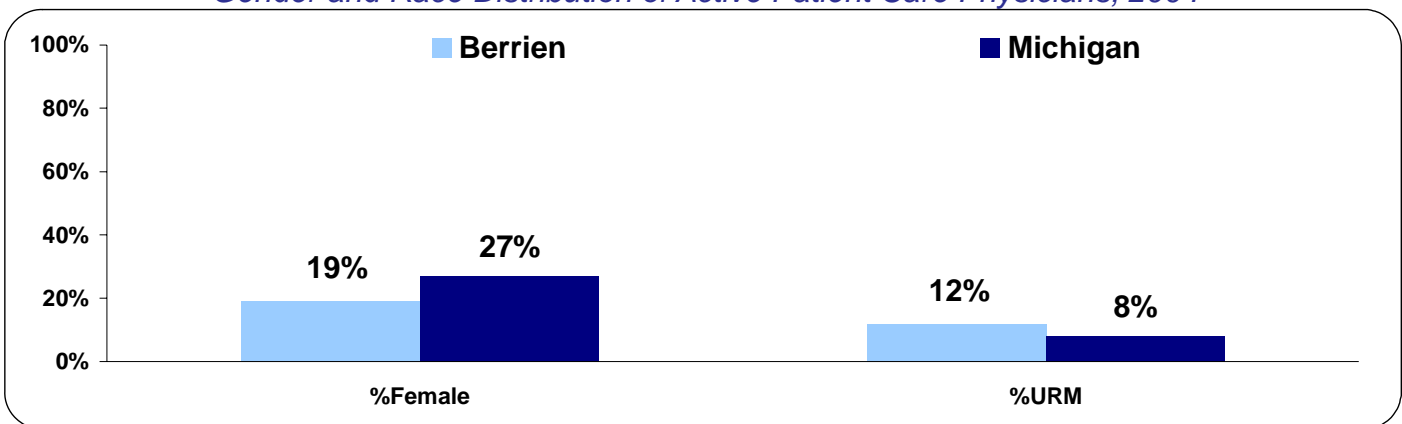
Berrien

Population		Berrien 161,534	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		111	68.7	86.8
	Family Practice	61	37.8	38.6
	Internal Medicine (General)	36	22.3	33.7
	Pediatrics (General)	14	8.7	14.5
Ob/Gyn		19	11.8	13.2
	Obstetrics & Gynecology	18	11.1	12.6
	Gynecology (Only)	1	0.6	0.6
IM Specialties		31	19.2	21.3
	Cardiology	11	6.8	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	4	2.5	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	3	1.9	1.3
	Medical Oncology	3	1.9	1.8
	Nephrology	2	1.2	2.0
	Pulmonary Disease	3	1.9	2.3
	Rheumatology	2	1.2	1.2
	Other Internal Medicine	3	1.9	2.5
Surgery (General)		18	11.1	8.6
Surgery Specialties		27	16.7	24.6
	Neurosurgery	1	0.6	1.4
	Ophthalmology	5	3.1	5.8
	Orthopedics	6	3.7	6.2
	Otolaryngology	5	3.1	2.5
	Plastic Surgery	2	1.2	1.7
	Thoracic Surgery	3	1.9	1.4
	Urology	5	3.1	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		36	22.3	26.3
	Anesthesiology	19	11.8	9.6
	Pathology	2	1.2	5.0
	Radiology	15	9.3	11.8
Psychiatrists		6	3.7	12.2
	Psychiatry - Adult	6	3.7	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		21	13.0	29.9
	Allergy & Immunology	3	1.9	1.5
	Dermatology	2	1.2	2.9
	Emergency Medicine	8	5.0	10.8
	Neurology	2	1.2	3.9
	Pediatrics Subspecialties	2	1.2	4.5
	Physical Medicine & Rehab	3	1.9	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	1	0.6	1.7
Total Physicians		270	166.9	234.0

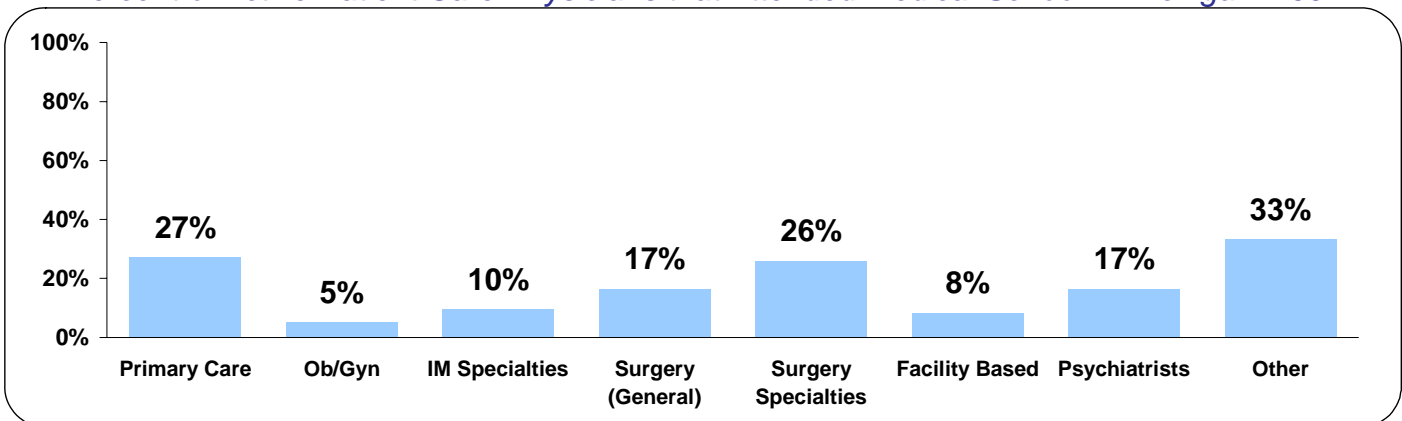
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



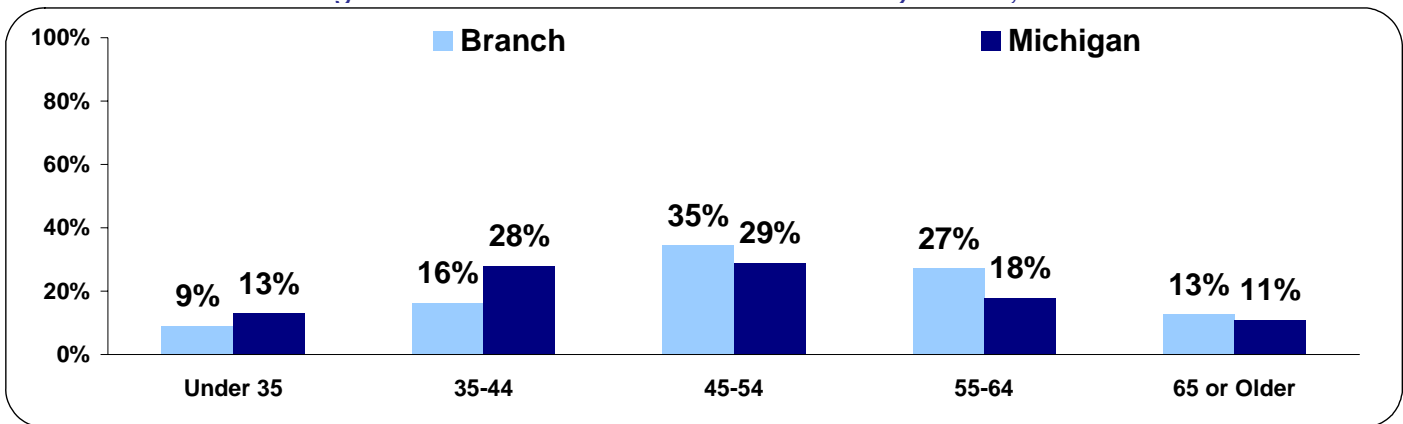
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



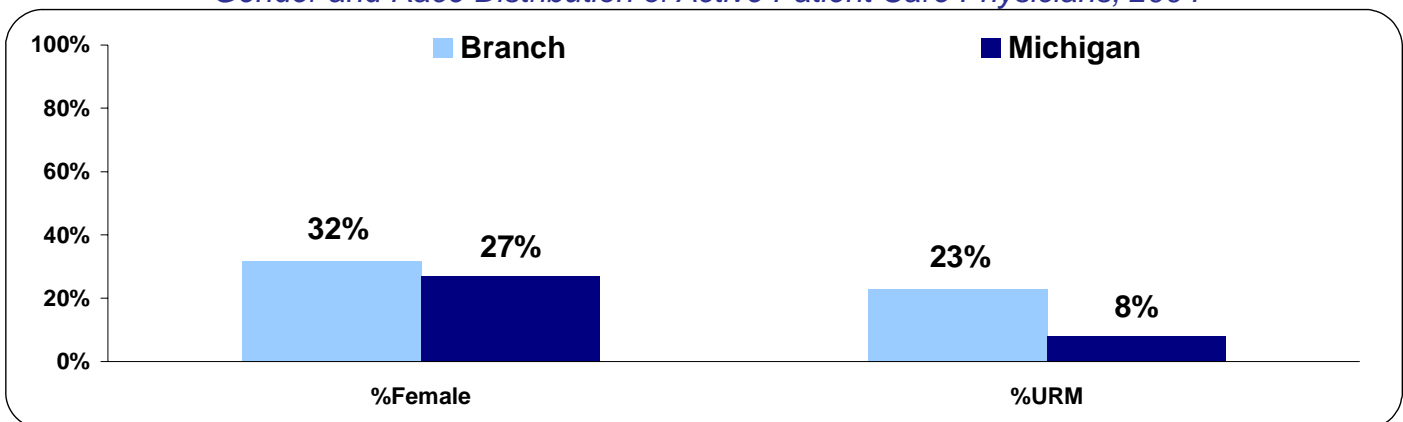
Branch

Population		Branch	Michigan	
		46,672	10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		19	40.7	86.8
	Family Practice	8	17.1	38.6
	Internal Medicine (General)	5	10.7	33.7
	Pediatrics (General)	6	12.9	14.5
Ob/Gyn		4	8.6	13.2
	Obstetrics & Gynecology	4	8.6	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		4	8.6	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	1	2.1	0.7
	Infectious Disease	1	2.1	1.3
	Medical Oncology	2	4.3	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		2	4.3	8.6
Surgery Specialties		5	10.7	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	1	2.1	5.8
	Orthopedics	2	4.3	6.2
	Otolaryngology	1	2.1	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	1	2.1	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		4	8.6	26.3
	Anesthesiology	1	2.1	9.6
	Pathology	1	2.1	5.0
	Radiology	2	4.3	11.8
Psychiatrists		6	12.9	12.2
	Psychiatry - Adult	5	10.7	10.3
	Psychiatry - Child & Adolescent	1	2.1	1.9
Other		5	10.7	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	1	2.1	2.9
	Emergency Medicine	4	8.6	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
Total Physicians		57	121.1	234.0

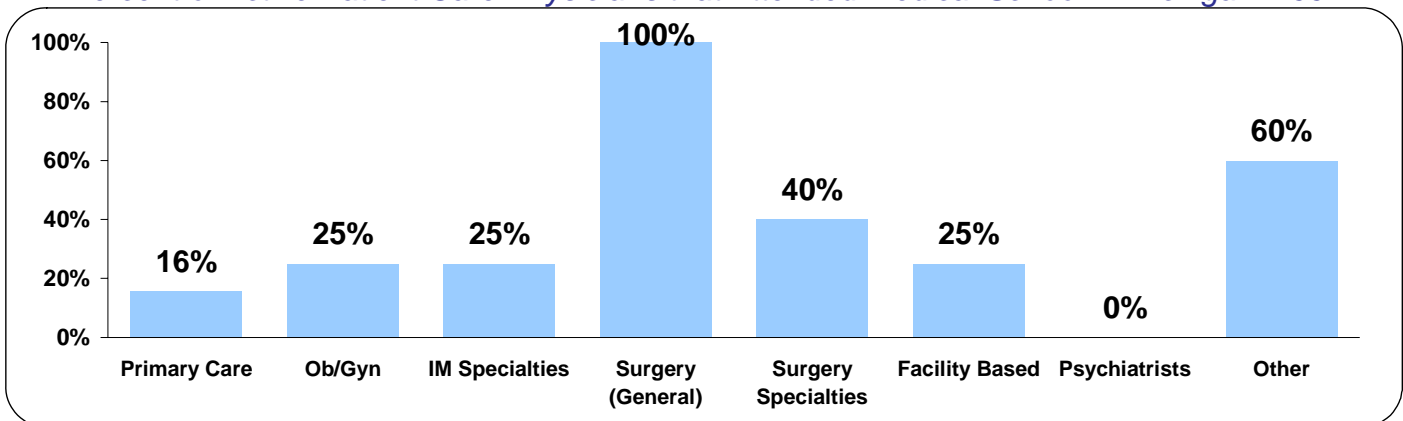
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

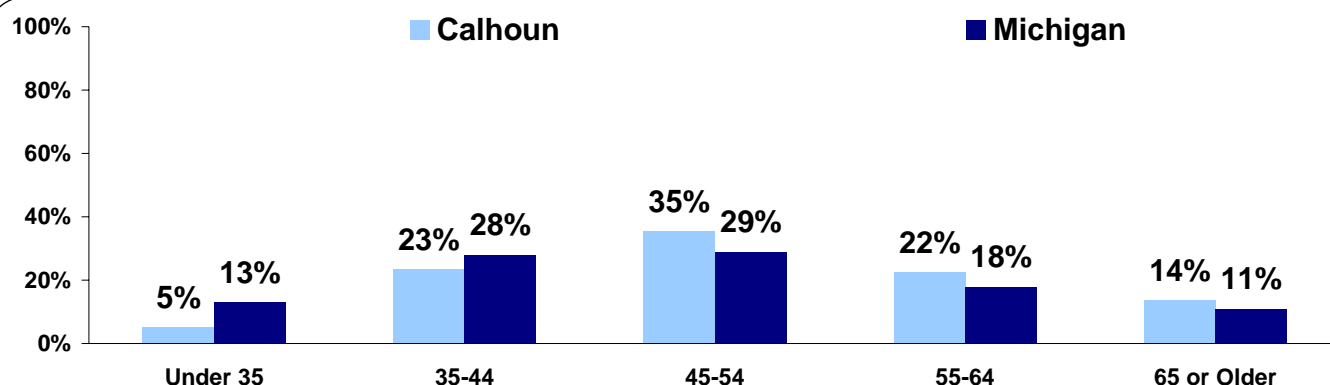


Calhoun

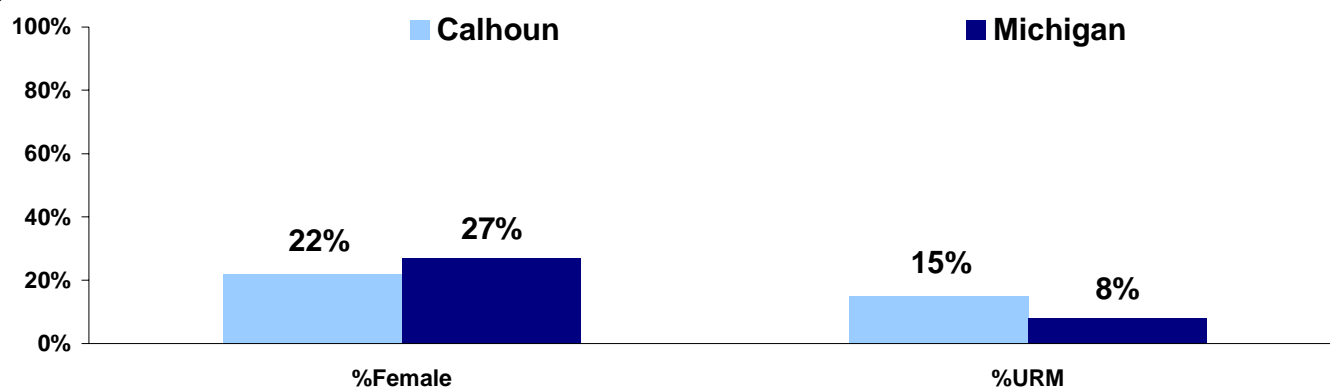
Population		Calhoun 139,748	Michigan 10,158,867
		#	#/100k Pop
Primary Care		122	87.3
	Family Practice	59	42.2
	Internal Medicine (General)	52	37.2
	Pediatrics (General)	11	7.9
Ob/Gyn		14	10.0
	Obstetrics & Gynecology	13	9.3
	Gynecology (Only)	1	0.7
IM Specialties		22	15.7
	Cardiology	3	2.1
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	3	2.1
	Geriatrics	0	0.0
	Infectious Disease	2	1.4
	Medical Oncology	1	0.7
	Nephrology	3	2.1
	Pulmonary Disease	4	2.9
	Rheumatology	3	2.1
	Other Internal Medicine	3	2.1
Surgery (General)		12	8.6
Surgery Specialties		37	26.5
	Neurosurgery	2	1.4
	Ophthalmology	9	6.4
	Orthopedics	10	7.2
	Otolaryngology	6	4.3
	Plastic Surgery	1	0.7
	Thoracic Surgery	1	0.7
	Urology	4	2.9
	Other Surgery Specialties	4	2.9
Facility Based		37	26.5
	Anesthesiology	7	5.0
	Pathology	7	5.0
	Radiology	23	16.5
Psychiatrists		34	24.3
	Psychiatry - Adult	32	22.9
	Psychiatry - Child & Adolescent	2	1.4
Other		16	11.4
	Allergy & Immunology	0	0.0
	Dermatology	3	2.1
	Emergency Medicine	4	2.9
	Neurology	4	2.9
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	3	2.1
	Prev Med/Occ Med/Public Hlth	1	0.7
	Other	1	0.7
Total Physicians		297	212.6

Calhoun

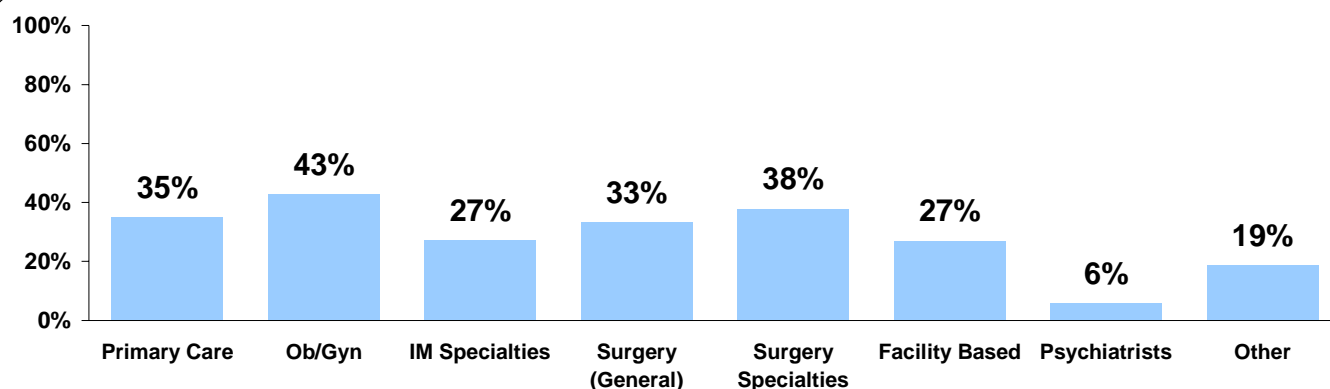
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



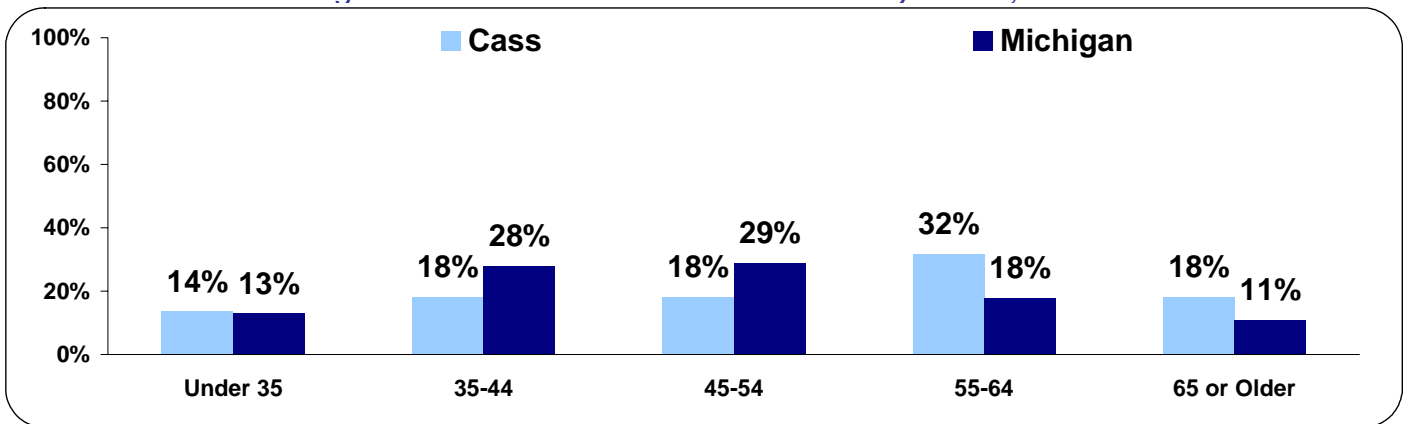
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



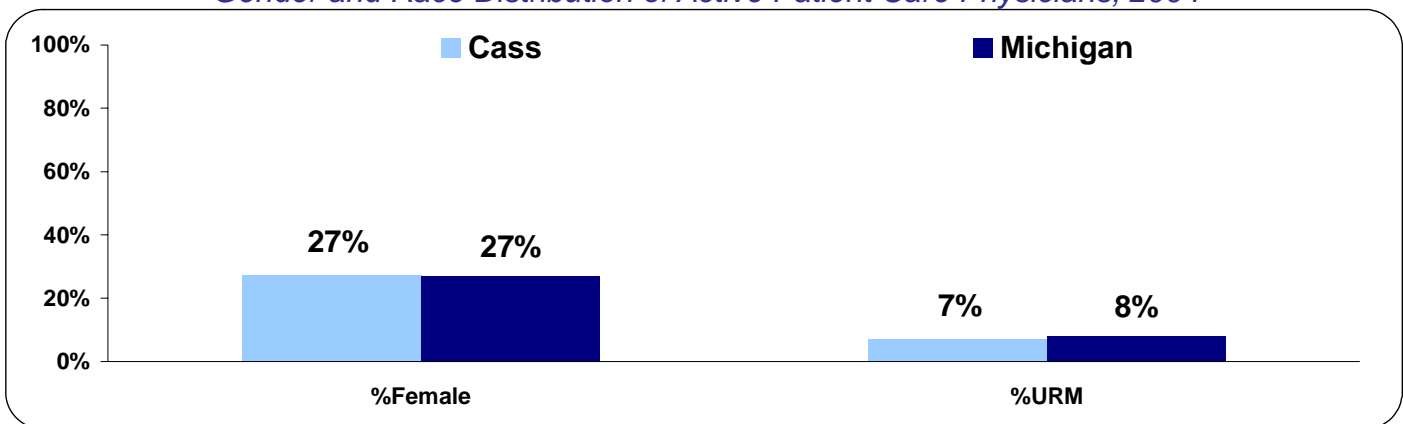
Cass

Population		Cass 51,256	Michigan 10,158,867
		#	#/100k Pop
Primary Care		12	23.4
	Family Practice	5	9.8
	Internal Medicine (General)	5	9.8
	Pediatrics (General)	2	3.9
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		1	2.0
	Cardiology	1	2.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		2	3.9
Surgery Specialties		2	3.9
	Neurosurgery	0	0.0
	Ophthalmology	2	3.9
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		3	5.9
	Anesthesiology	0	0.0
	Pathology	3	5.9
	Radiology	0	0.0
Psychiatrists		1	2.0
	Psychiatry - Adult	1	2.0
	Psychiatry - Child & Adolescent	0	0.0
Other		1	2.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	1	2.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		22	43.3

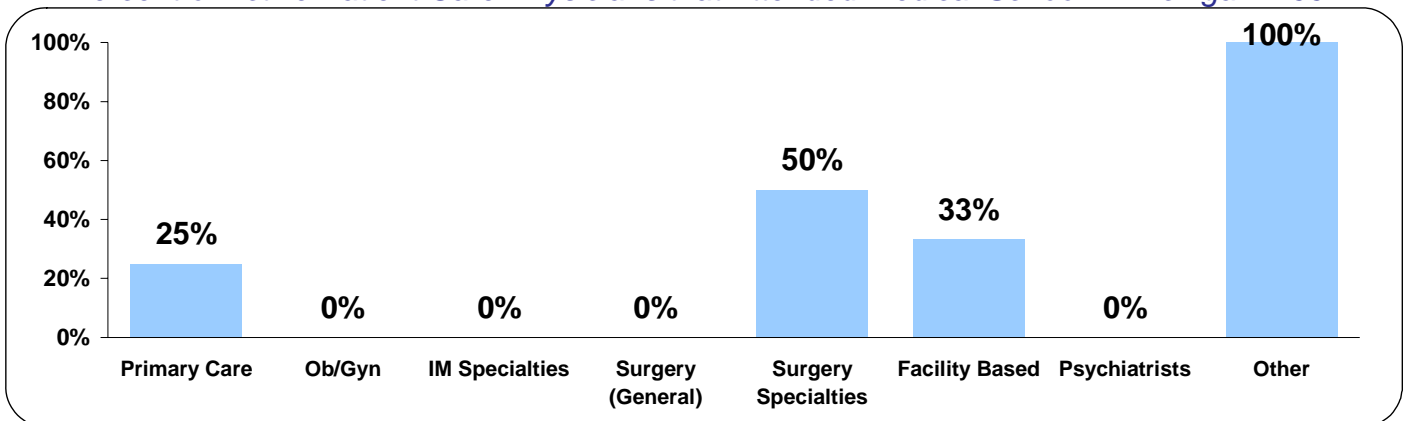
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

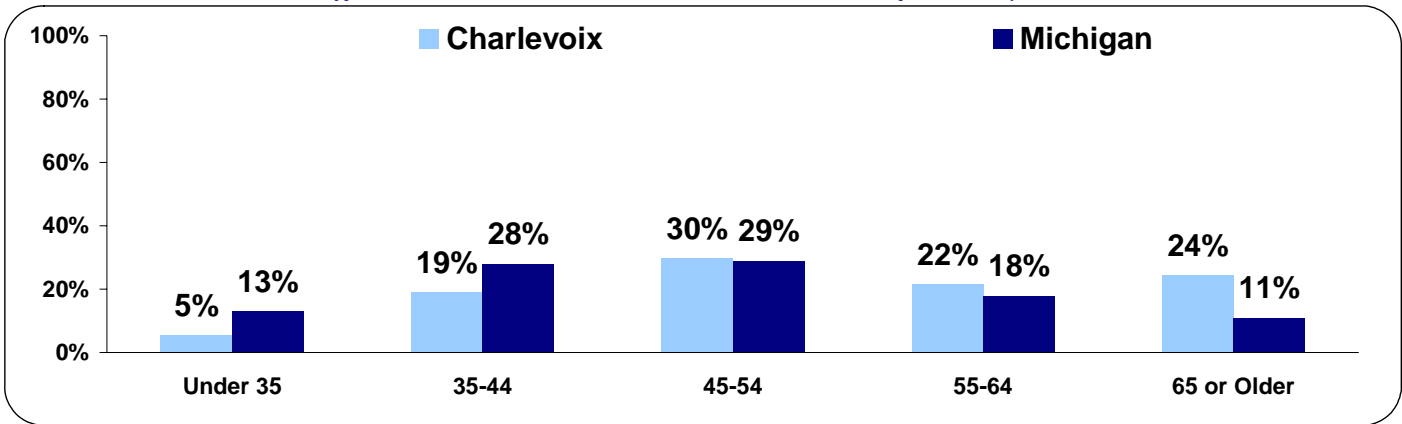


Charlevoix

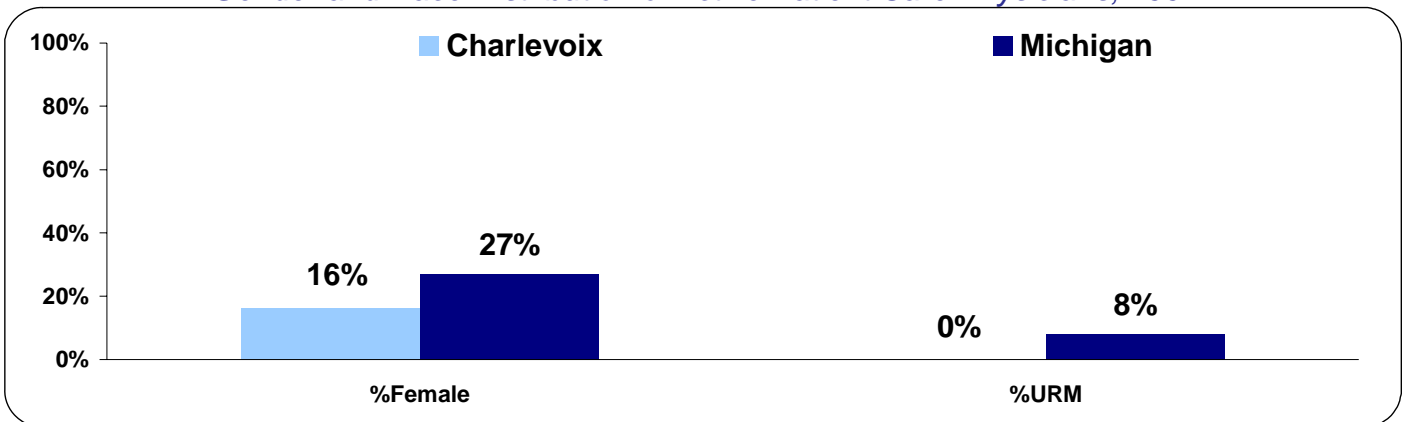
Population		Charlevoix	Michigan	
		26,748	10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		23	86.0	86.8
	Family Practice	18	67.3	38.6
	Internal Medicine (General)	3	11.2	33.7
	Pediatrics (General)	2	7.5	14.5
Ob/Gyn		3	11.2	13.2
	Obstetrics & Gynecology	2	7.5	12.6
	Gynecology (Only)	1	3.7	0.6
IM Specialties		0	0.0	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		4	15.0	8.6
Surgery Specialties		1	3.7	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	0	0.0	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	1	3.7	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		0	0.0	26.3
	Anesthesiology	0	0.0	9.6
	Pathology	0	0.0	5.0
	Radiology	0	0.0	11.8
Psychiatrists		1	3.7	12.2
	Psychiatry - Adult	1	3.7	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		3	11.2	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	1	3.7	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	1	3.7	3.0
	Prev Med/Occ Med/Public Hlth	1	3.7	1.7
	Other	0	0.0	1.7
Total Physicians		37	138.3	234.0

Charlevoix

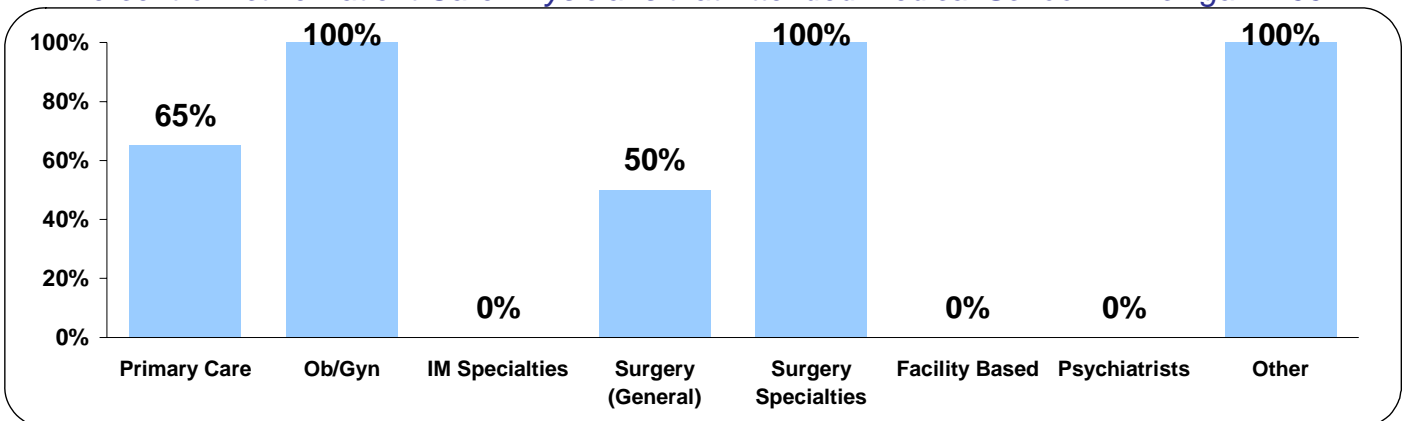
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

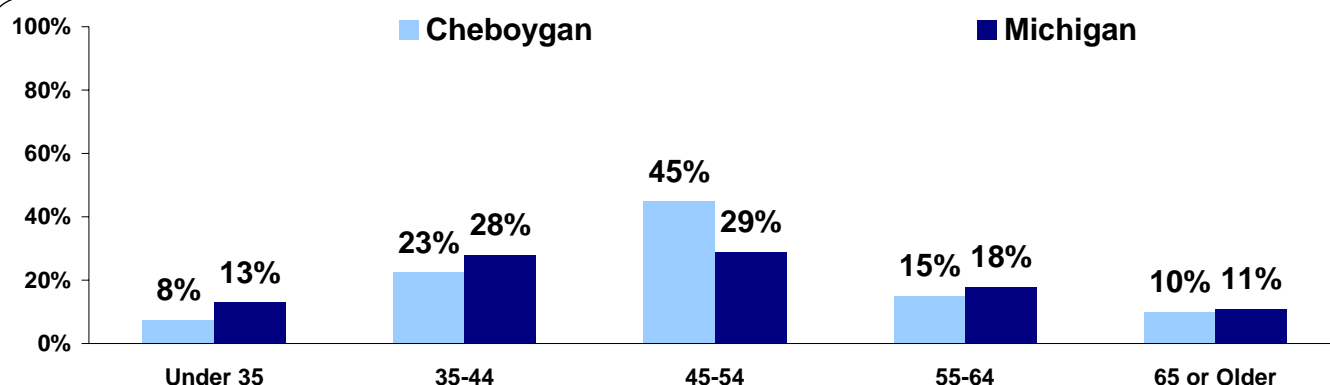


Cheboygan

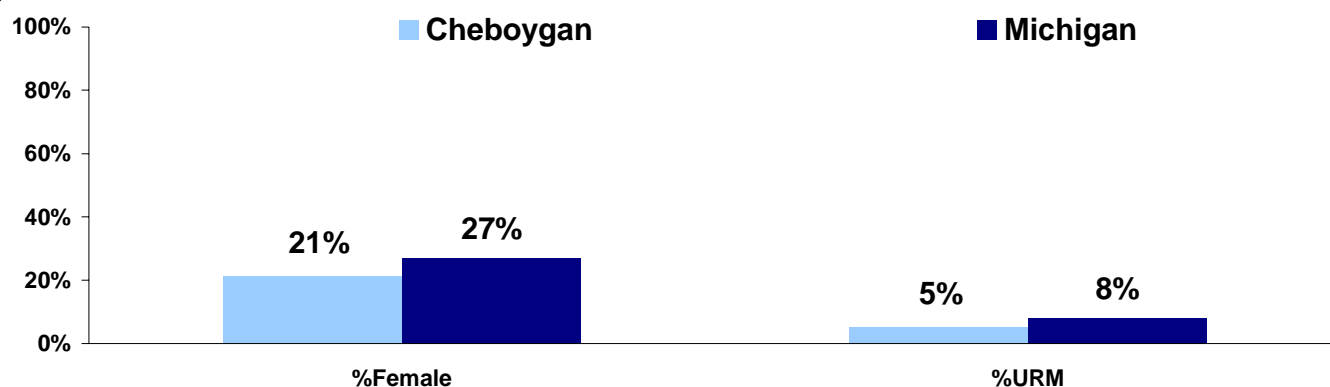
Population		<u>Cheboygan</u> 27,114		<u>Michigan</u> 10,158,867
		#	#/100k Pop	#/100k Pop
Primary Care		22	81.1	86.8
	Family Practice	15	55.3	38.6
	Internal Medicine (General)	5	18.4	33.7
	Pediatrics (General)	2	7.4	14.5
Ob/Gyn		1	3.7	13.2
	Obstetrics & Gynecology	1	3.7	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		0	0.0	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		2	7.4	8.6
Surgery Specialties		3	11.1	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	1	3.7	5.8
	Orthopedics	1	3.7	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	1	3.7	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		4	14.8	26.3
	Anesthesiology	1	3.7	9.6
	Pathology	2	7.4	5.0
	Radiology	1	3.7	11.8
Psychiatrists		0	0.0	12.2
	Psychiatry - Adult	0	0.0	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		6	22.1	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	1	3.7	2.9
	Emergency Medicine	5	18.4	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
Total Physicians		42	153.7	234.0

Cheboygan

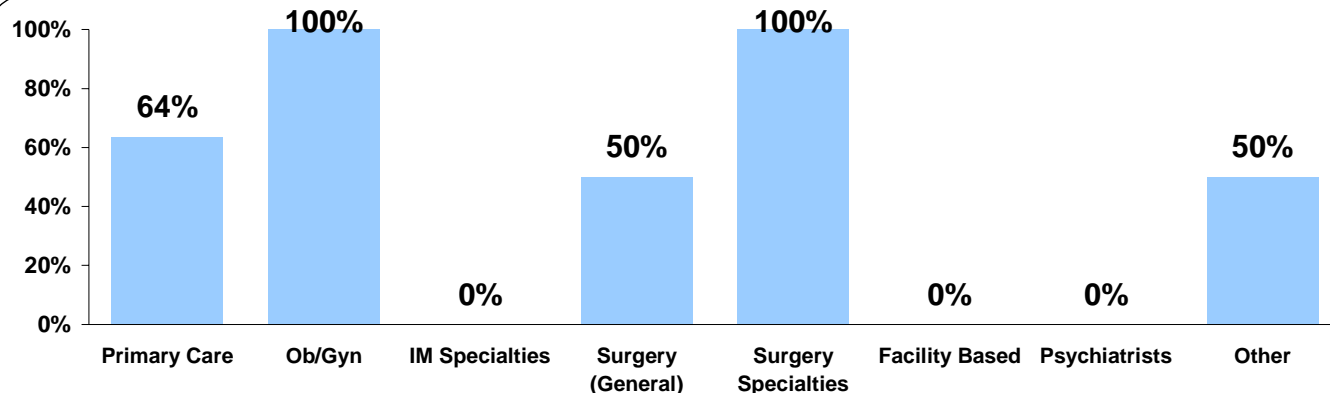
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

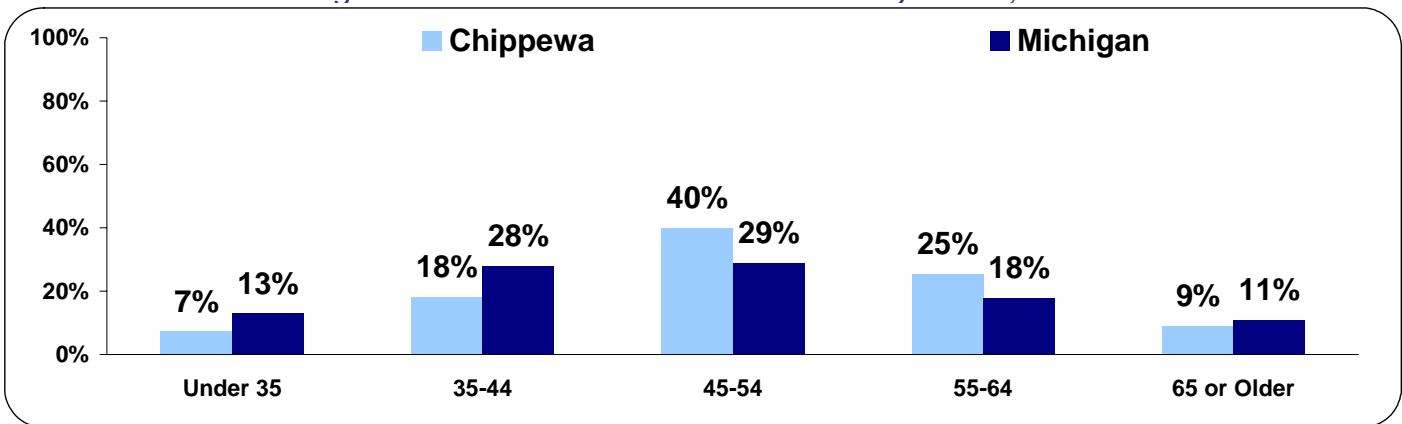


Chippewa

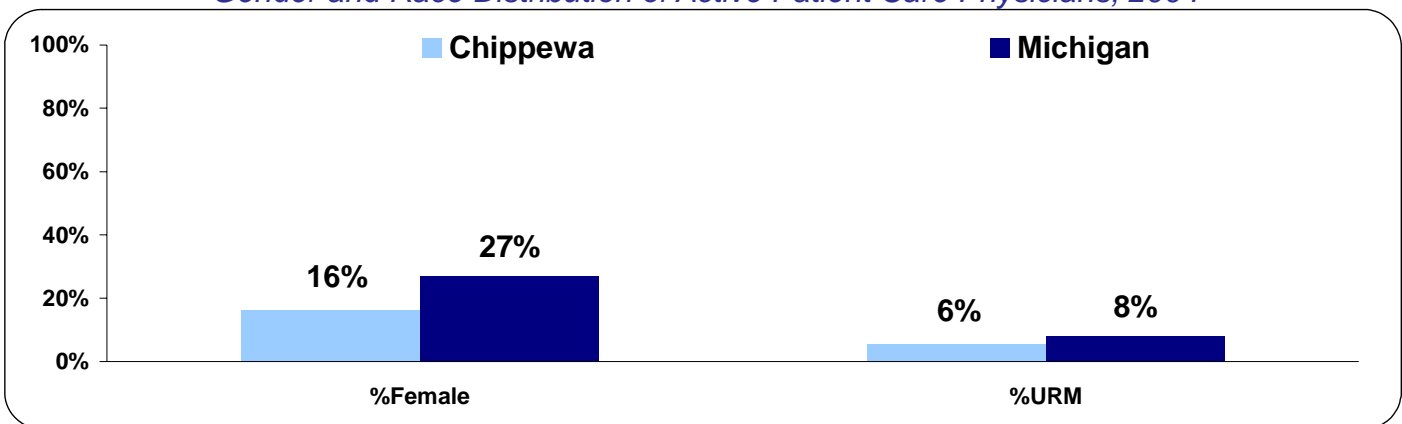
Population		Chippewa	Michigan	
		38,463	10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		28	72.8	86.8
	Family Practice	23	59.8	38.6
	Internal Medicine (General)	4	10.4	33.7
	Pediatrics (General)	1	2.6	14.5
Ob/Gyn		3	7.8	13.2
	Obstetrics & Gynecology	3	7.8	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		3	7.8	21.3
	Cardiology	1	2.6	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	2	5.2	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		4	10.4	8.6
Surgery Specialties		3	7.8	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	1	2.6	5.8
	Orthopedics	2	5.2	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		4	10.4	26.3
	Anesthesiology	2	5.2	9.6
	Pathology	0	0.0	5.0
	Radiology	2	5.2	11.8
Psychiatrists		3	7.8	12.2
	Psychiatry - Adult	3	7.8	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		6	15.6	29.9
	Allergy & Immunology	1	2.6	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	3	7.8	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	1	2.6	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	1	2.6	1.7
	Other	0	0.0	1.7
Total Physicians		55	142.8	234.0

Chippewa

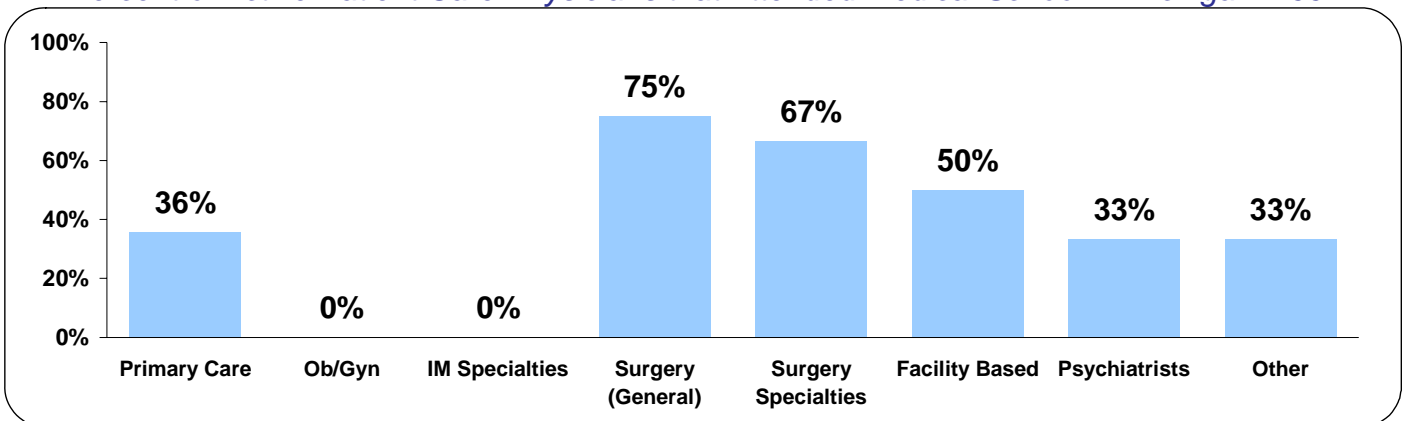
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



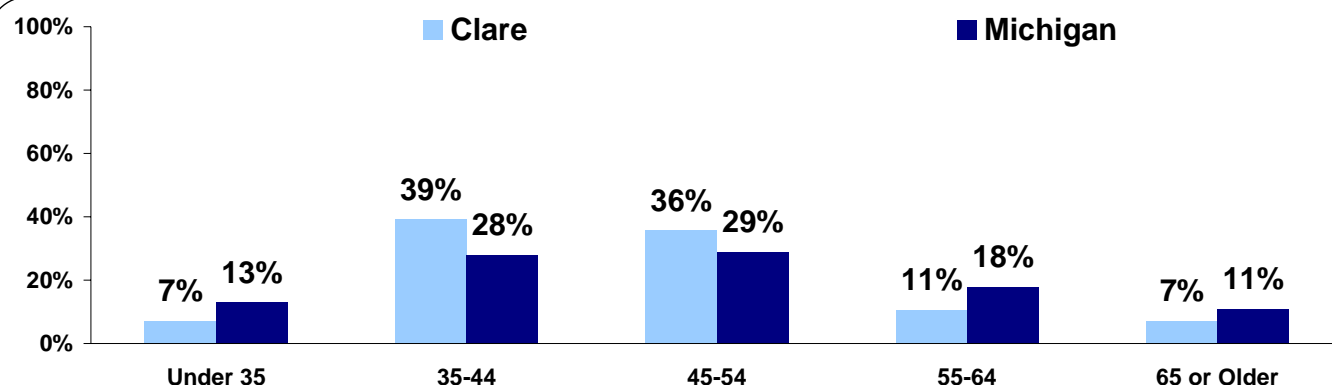
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



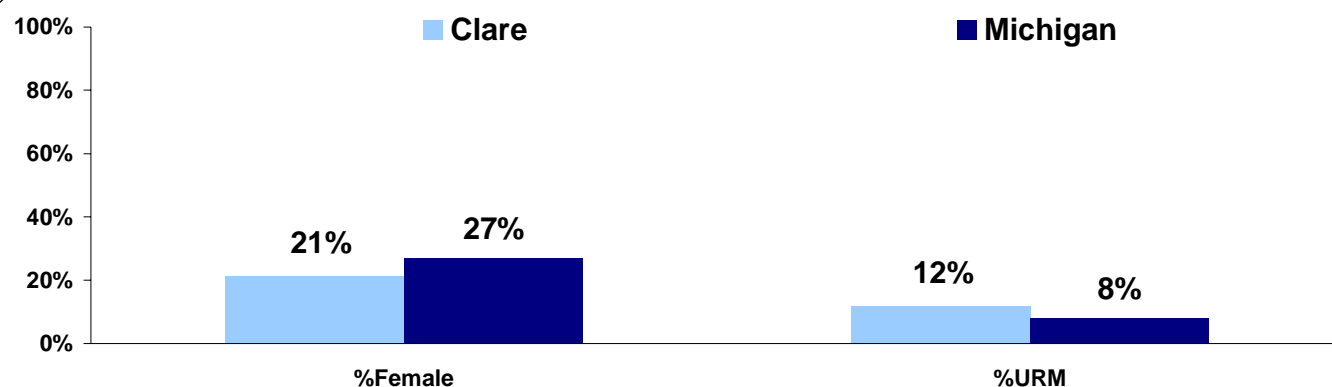
Clare

Population		Clare 31,510	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		17	54.0	86.8
	Family Practice	8	25.4	38.6
	Internal Medicine (General)	6	19.0	33.7
	Pediatrics (General)	3	9.5	14.5
Ob/Gyn		3	9.5	13.2
	Obstetrics & Gynecology	3	9.5	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		0	0.0	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		3	9.5	8.6
Surgery Specialties		1	3.2	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	1	3.2	5.8
	Orthopedics	0	0.0	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		1	3.2	26.3
	Anesthesiology	0	0.0	9.6
	Pathology	1	3.2	5.0
	Radiology	0	0.0	11.8
Psychiatrists		0	0.0	12.2
	Psychiatry - Adult	0	0.0	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		1	3.2	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	1	3.2	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
Total Physicians		28	88.0	234.0

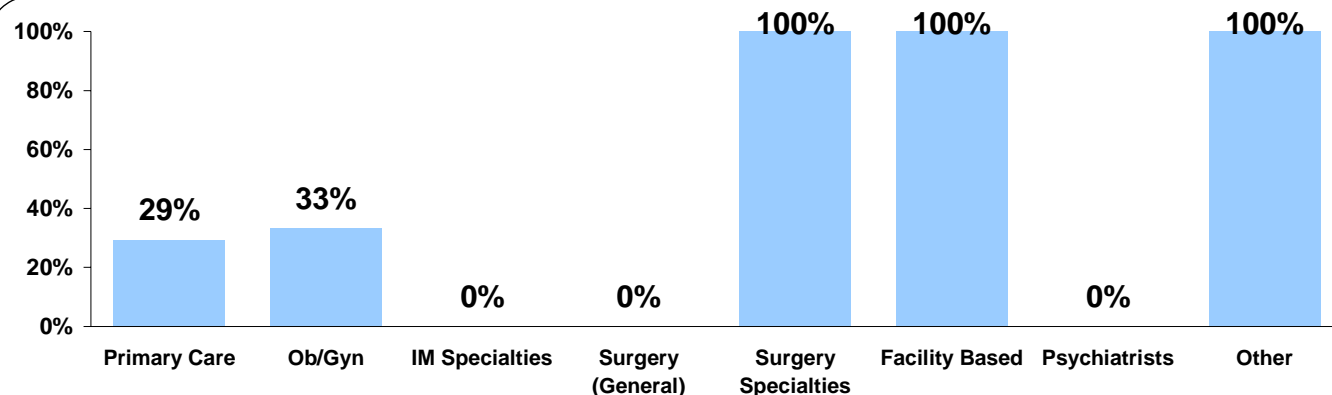
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

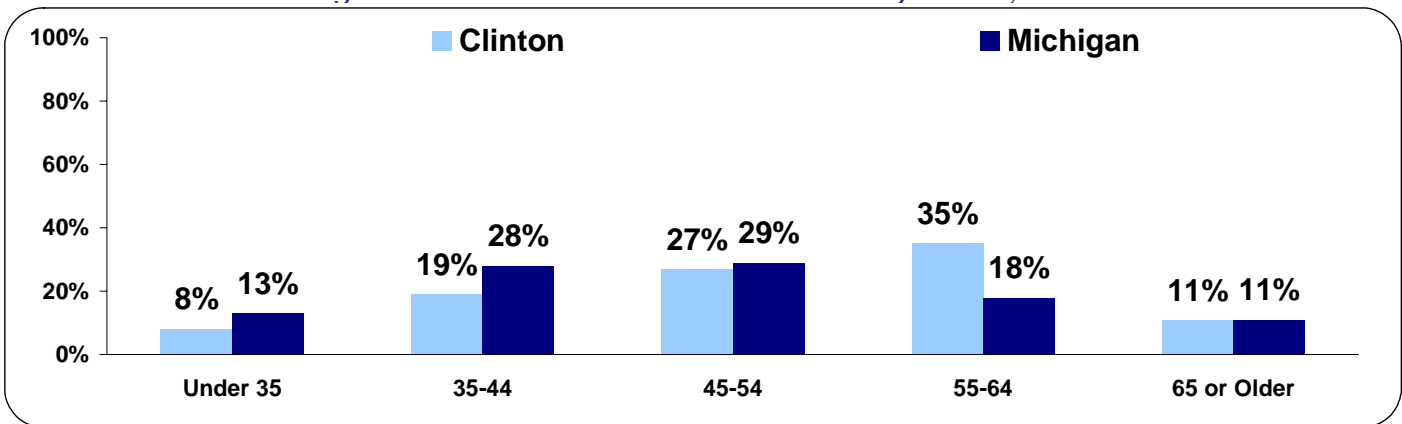


Clinton

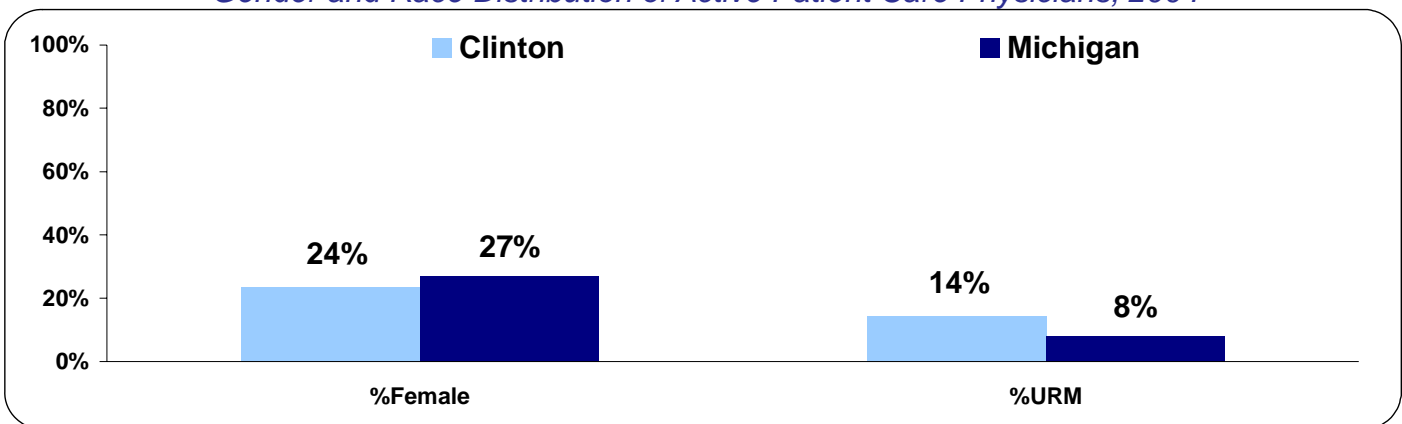
Population		Clinton 69,325	Michigan 10,158,867
		#	#/100k Pop
Primary Care		27	38.9
	Family Practice	18	26.0
	Internal Medicine (General)	5	7.2
	Pediatrics (General)	4	5.8
Ob/Gyn		4	5.8
	Obstetrics & Gynecology	4	5.8
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		1	1.4
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		4	5.8
	Allergy & Immunology	1	1.4
	Dermatology	0	0.0
	Emergency Medicine	2	2.9
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	1	1.4
Total Physicians		37	54.0

Clinton

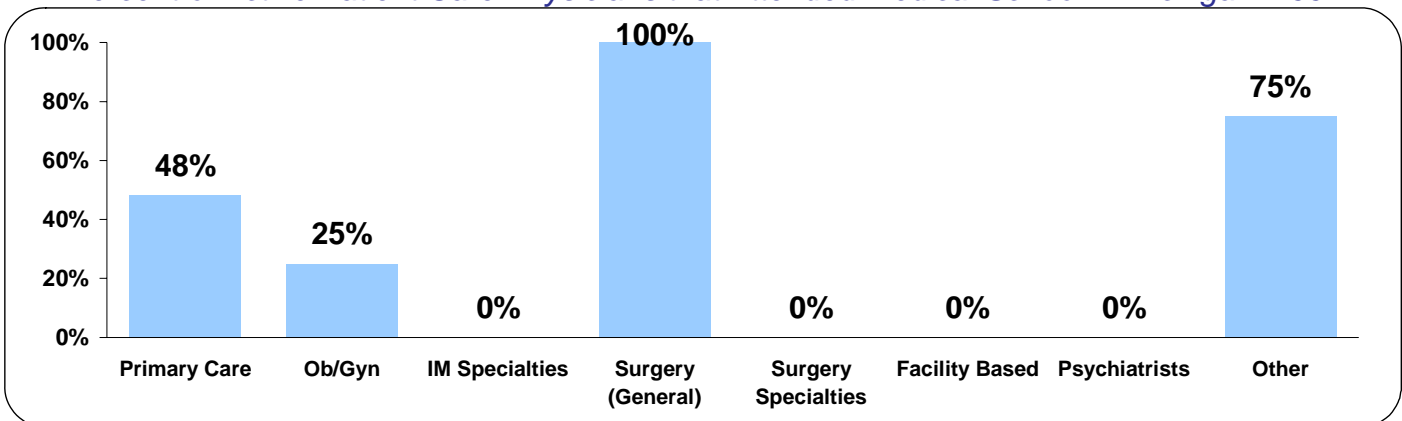
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

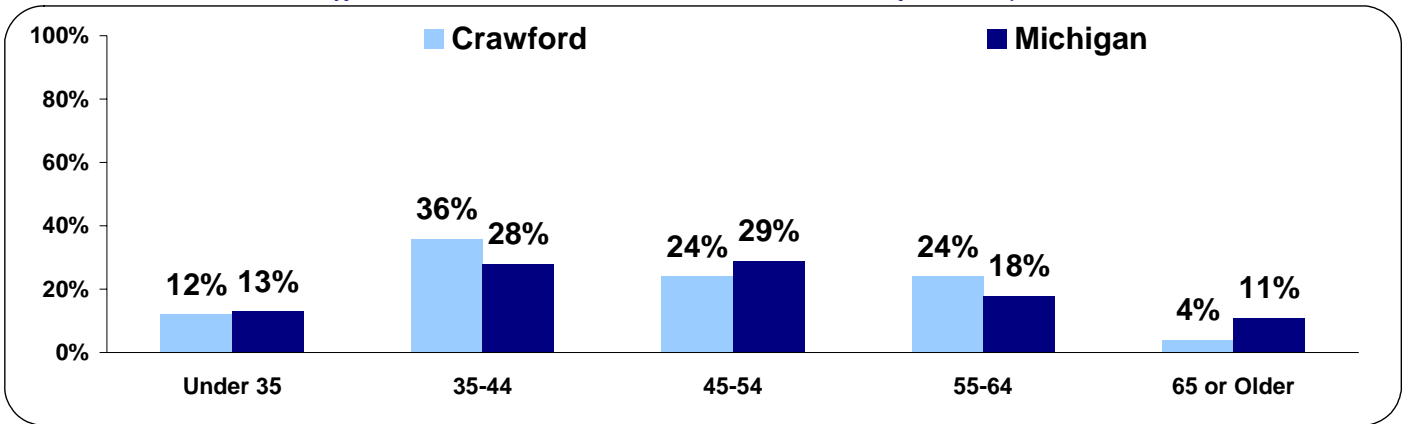


Crawford

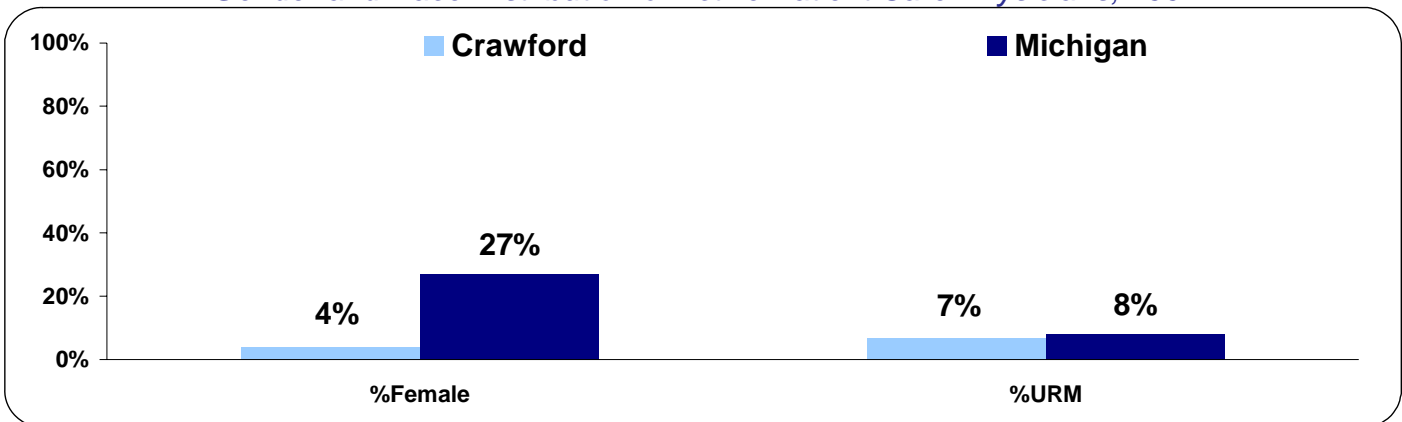
Population		Crawford 14,775	Michigan 10,158,867
		#	#/100k Pop
Primary Care		14	94.8
	Family Practice	9	60.9
	Internal Medicine (General)	5	33.8
	Pediatrics (General)	0	0.0
Ob/Gyn		2	13.5
	Obstetrics & Gynecology	2	13.5
	Gynecology (Only)	0	0.0
IM Specialties		1	6.8
	Cardiology	0	0.0
	Endocrinology & Metabolism	1	6.8
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		2	13.5
Surgery Specialties		1	6.8
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	1	6.8
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		4	27.1
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	2	13.5
	Neurology	0	0.0
	Pediatrics Subspecialties	2	13.5
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		25	171.9

Crawford

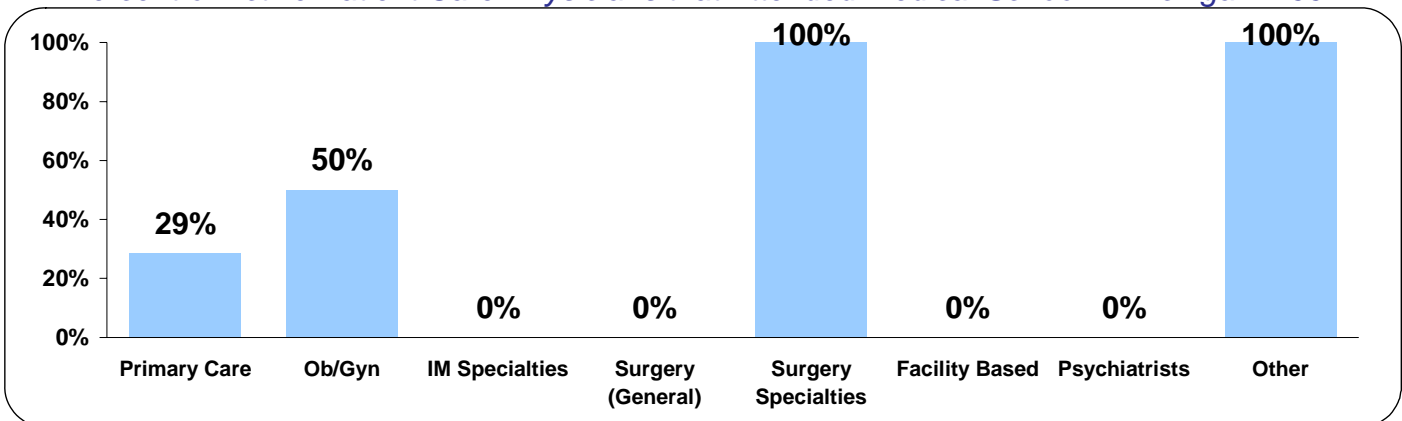
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



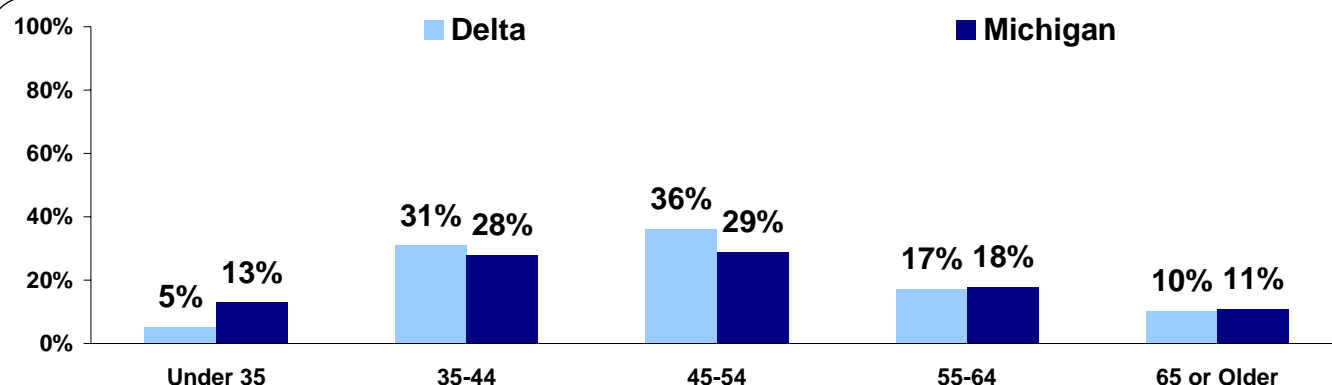
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



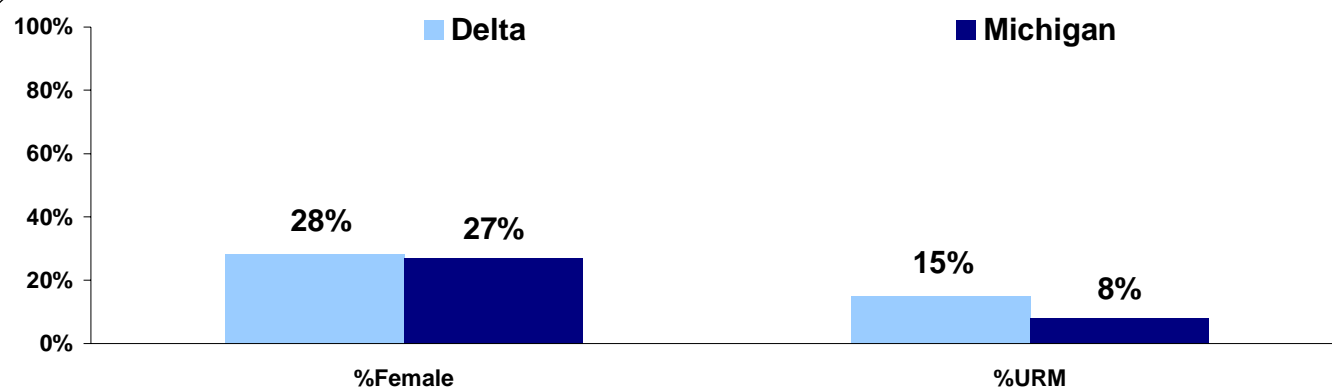
Delta

Population		Delta 38,055	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		30	78.8	86.8
	Family Practice	23	60.4	38.6
	Internal Medicine (General)	6	15.8	33.7
	Pediatrics (General)	1	2.6	14.5
Ob/Gyn		3	7.9	13.2
	Obstetrics & Gynecology	3	7.9	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		2	5.3	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	1	2.6	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	1	2.6	2.5
Surgery (General)		2	5.3	8.6
Surgery Specialties		6	15.8	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	1	2.6	5.8
	Orthopedics	1	2.6	6.2
	Otolaryngology	3	7.9	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	1	2.6	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		4	10.5	26.3
	Anesthesiology	1	2.6	9.6
	Pathology	2	5.3	5.0
	Radiology	1	2.6	11.8
Psychiatrists		2	5.3	12.2
	Psychiatry - Adult	1	2.6	10.3
	Psychiatry - Child & Adolescent	1	2.6	1.9
Other		8	21.0	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	4	10.5	10.8
	Neurology	2	5.3	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	1	2.6	1.7
	Other	1	2.6	1.7
Total Physicians		60	157.5	234.0

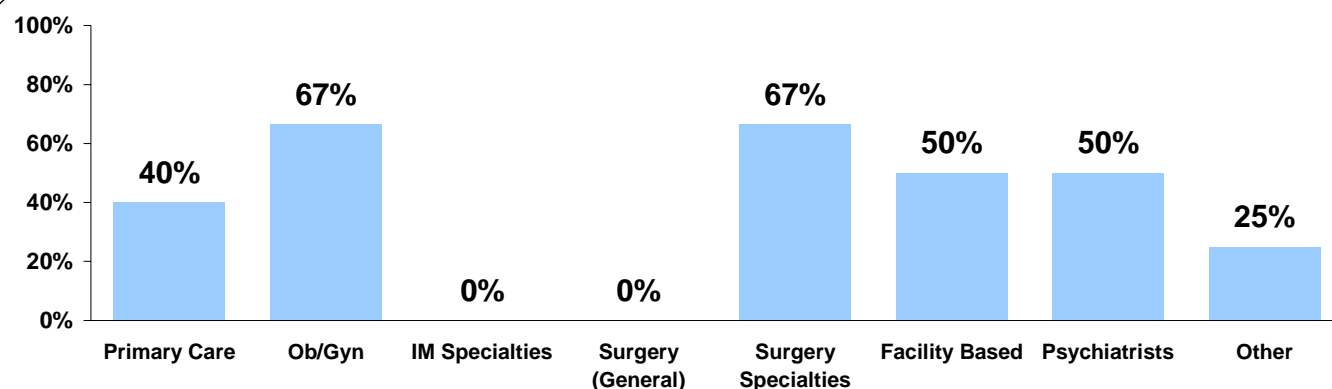
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

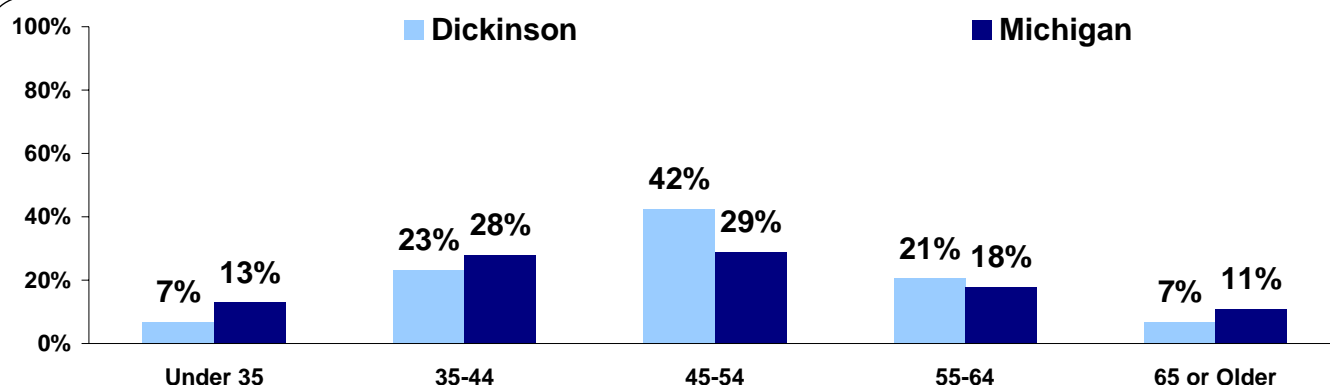


Dickinson

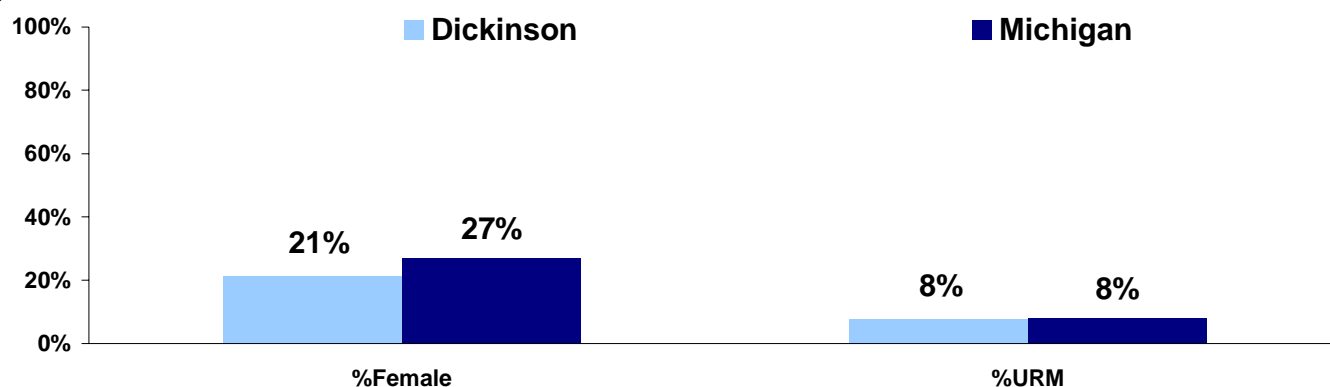
Population		Dickinson 27,114	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		24	88.5	86.8
	Family Practice	17	62.7	38.6
	Internal Medicine (General)	6	22.1	33.7
	Pediatrics (General)	1	3.7	14.5
Ob/Gyn		5	18.4	13.2
	Obstetrics & Gynecology	5	18.4	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		10	36.9	21.3
	Cardiology	3	11.1	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	1	3.7	0.7
	Infectious Disease	1	3.7	1.3
	Medical Oncology	1	3.7	1.8
	Nephrology	2	7.4	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	2	7.4	2.5
Surgery (General)		4	14.8	8.6
Surgery Specialties		7	25.8	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	1	3.7	5.8
	Orthopedics	3	11.1	6.2
	Otolaryngology	1	3.7	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	1	3.7	3.0
	Other Surgery Specialties	1	3.7	2.7
Facility Based		8	29.5	26.3
	Anesthesiology	4	14.8	9.6
	Pathology	1	3.7	5.0
	Radiology	3	11.1	11.8
Psychiatrists		4	14.8	12.2
	Psychiatry - Adult	3	11.1	10.3
	Psychiatry - Child & Adolescent	1	3.7	1.9
Other		11	40.6	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	1	3.7	2.9
	Emergency Medicine	4	14.8	10.8
	Neurology	2	7.4	3.9
	Pediatrics Subspecialties	1	3.7	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	2	7.4	1.7
	Other	1	3.7	1.7
Total Physicians		74	274.4	234.0

Dickinson

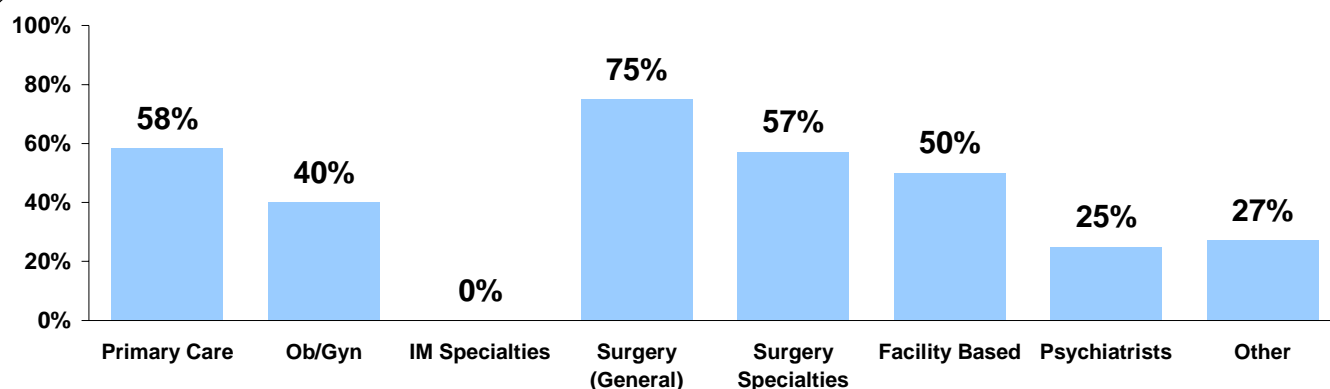
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



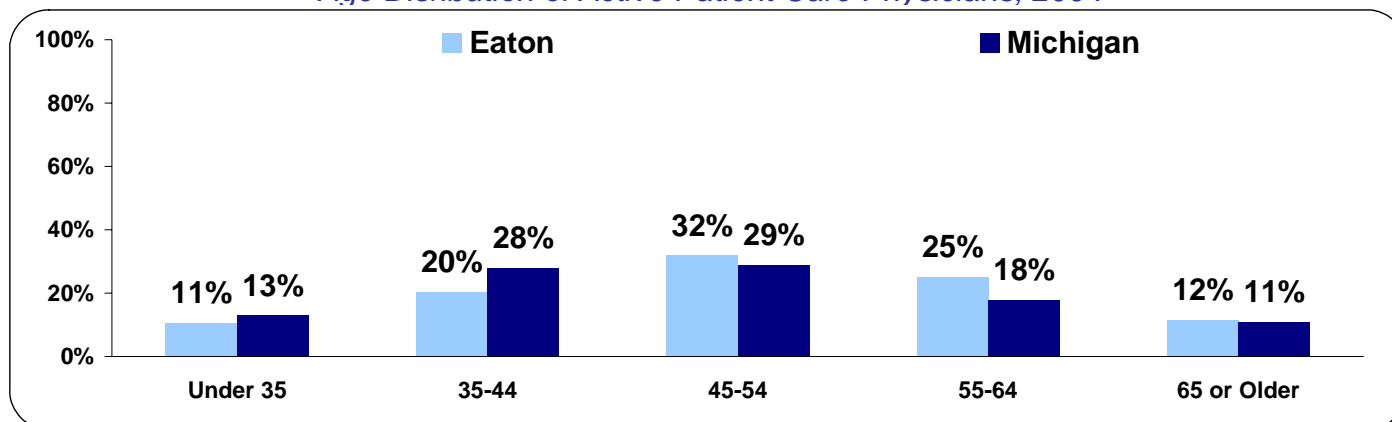
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



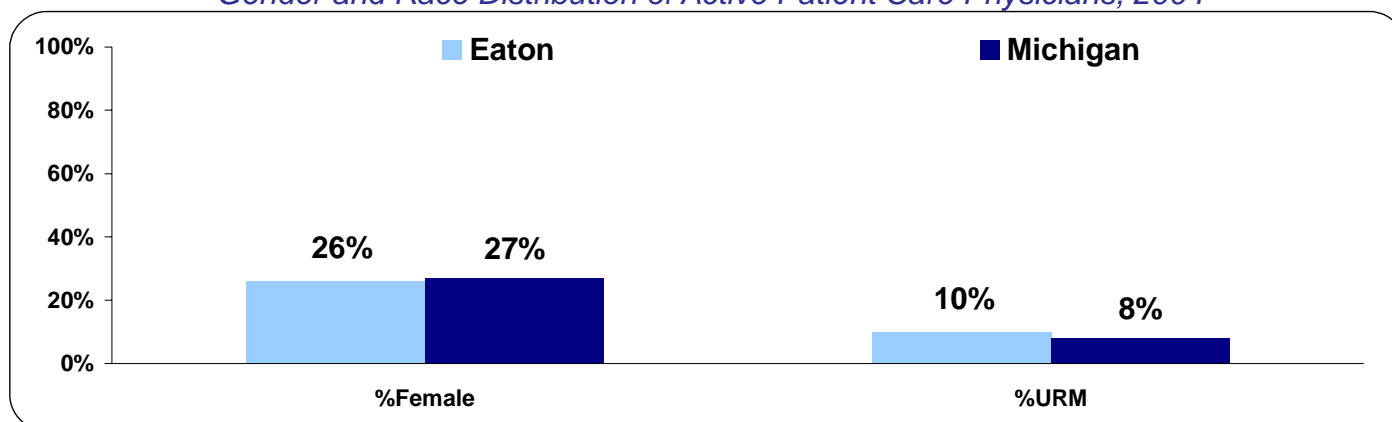
Eaton

Population		Eaton 107,873	Michigan 10,158,867
		#	#/100k Pop
Primary Care		58	53.8
	Family Practice	38	35.2
	Internal Medicine (General)	15	13.9
	Pediatrics (General)	5	4.6
Ob/Gyn		8	7.4
	Obstetrics & Gynecology	7	6.5
	Gynecology (Only)	1	0.9
IM Specialties		1	0.9
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	1	0.9
	Other Internal Medicine	0	0.0
Surgery (General)		5	4.6
Surgery Specialties		2	1.9
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	1	0.9
	Otolaryngology	1	0.9
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		5	4.6
	Anesthesiology	3	2.8
	Pathology	1	0.9
	Radiology	1	0.9
Psychiatrists		2	1.9
	Psychiatry - Adult	2	1.9
	Psychiatry - Child & Adolescent	0	0.0
Other		18	16.7
	Allergy & Immunology	0	0.0
	Dermatology	4	3.7
	Emergency Medicine	8	7.4
	Neurology	0	0.0
	Pediatrics Subspecialties	2	1.9
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	3	2.8
	Other	1	0.9
Total Physicians		103	95.5

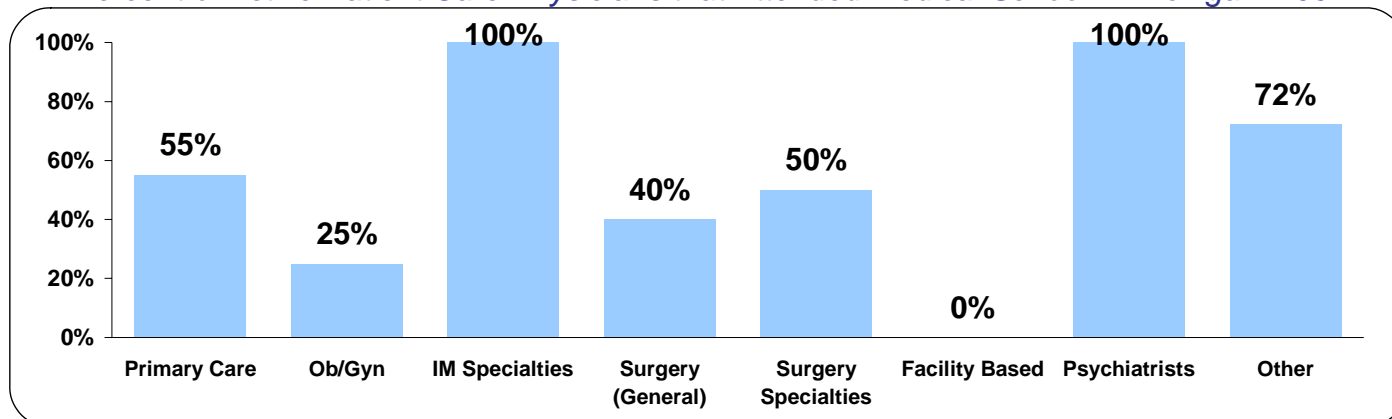
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



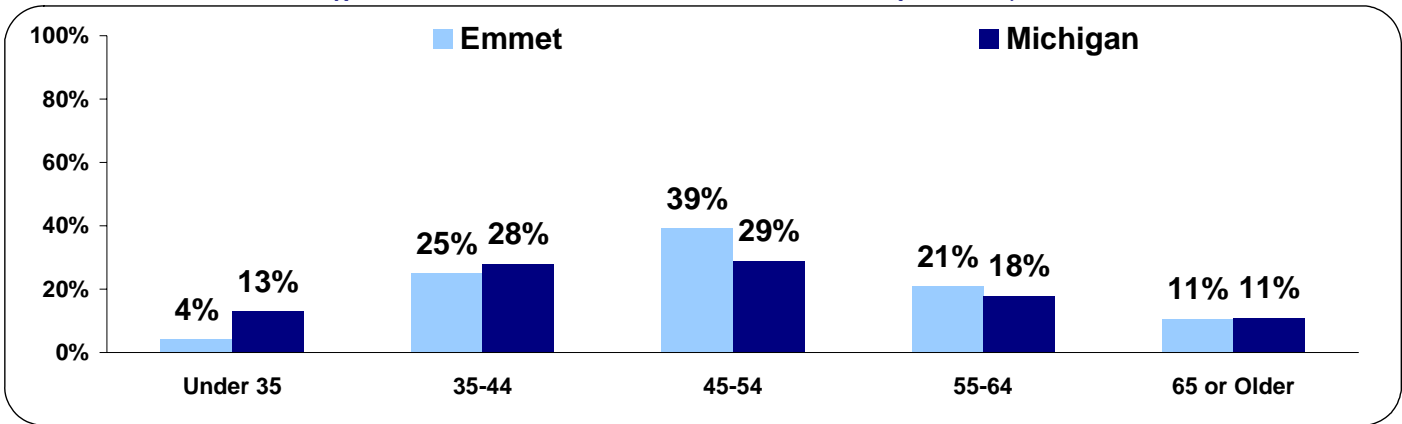
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



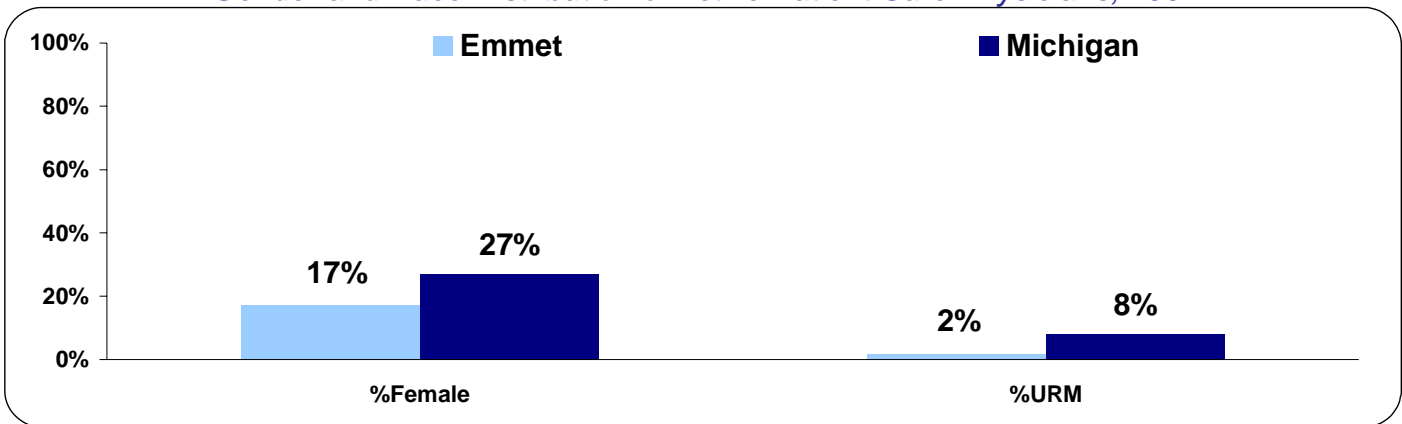
Emmet

Population		Emmet 33,380	Michigan 10,158,867
		#	#/100k Pop
Primary Care		42	125.8
	Family Practice	19	56.9
	Internal Medicine (General)	15	44.9
	Pediatrics (General)	8	24.0
Ob/Gyn		9	27.0
	Obstetrics & Gynecology	8	24.0
	Gynecology (Only)	1	3.0
IM Specialties		21	62.9
	Cardiology	6	18.0
	Endocrinology & Metabolism	1	3.0
	Gastroenterology	4	12.0
	Geriatrics	0	0.0
	Infectious Disease	2	6.0
	Medical Oncology	3	9.0
	Nephrology	1	3.0
	Pulmonary Disease	1	3.0
	Rheumatology	2	6.0
	Other Internal Medicine	1	3.0
Surgery (General)		8	24.0
Surgery Specialties		28	83.9
	Neurosurgery	3	9.0
	Ophthalmology	5	15.0
	Orthopedics	9	27.0
	Otolaryngology	2	6.0
	Plastic Surgery	2	6.0
	Thoracic Surgery	2	6.0
	Urology	3	9.0
	Other Surgery Specialties	2	6.0
Facility Based		29	86.9
	Anesthesiology	13	38.9
	Pathology	3	9.0
	Radiology	13	38.9
Psychiatrists		9	27.0
	Psychiatry - Adult	8	24.0
	Psychiatry - Child & Adolescent	1	3.0
Other		23	68.9
	Allergy & Immunology	1	3.0
	Dermatology	3	9.0
	Emergency Medicine	11	33.0
	Neurology	4	12.0
	Pediatrics Subspecialties	2	6.0
	Physical Medicine & Rehab	2	6.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		170	509.1

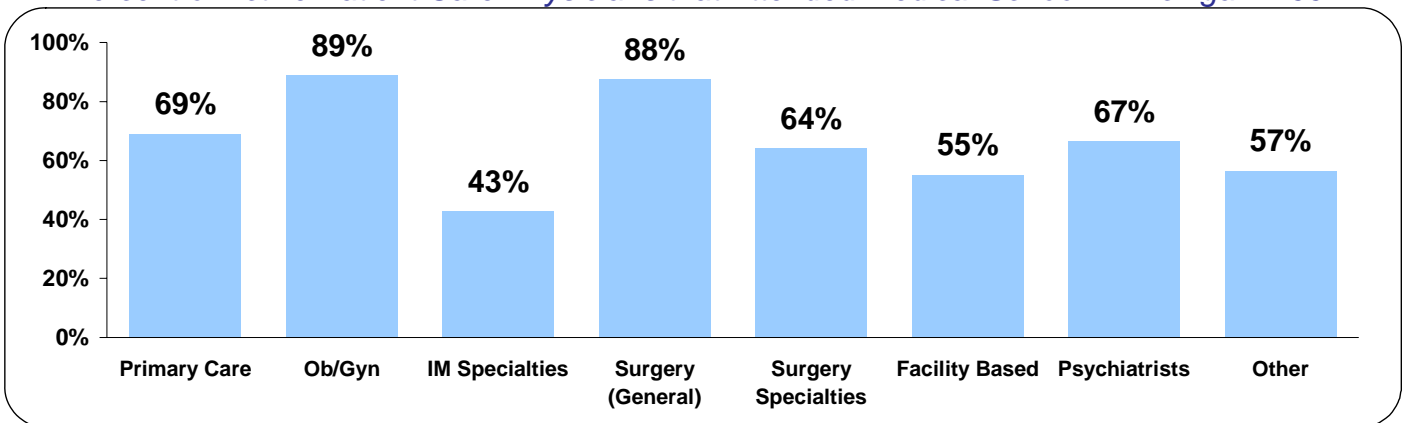
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

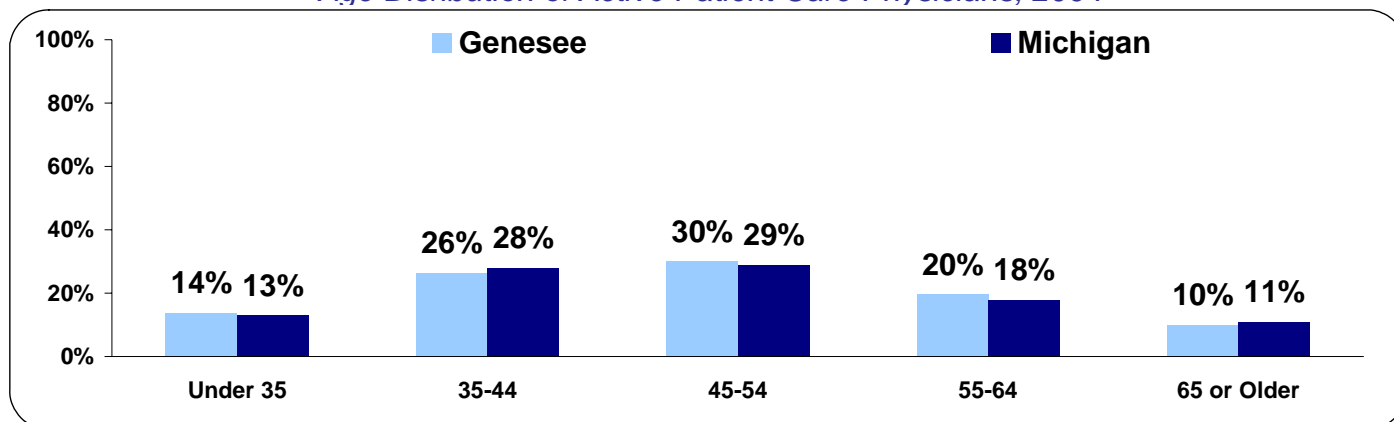


Genesee

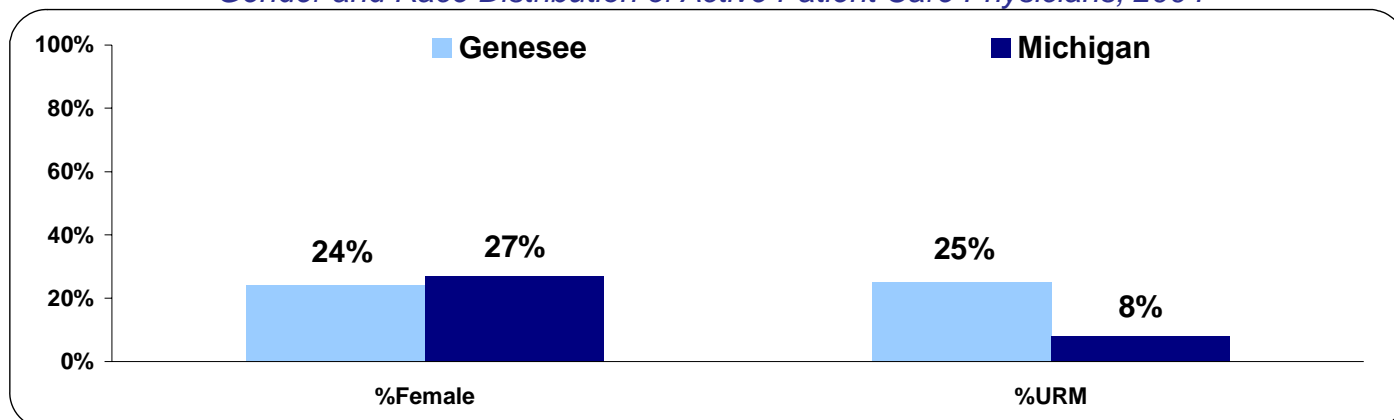
Population		Genesee 441,769	Michigan 10,158,867
		#	#/100k Pop
Primary Care		486	110.0
	Family Practice	238	53.9
	Internal Medicine (General)	188	42.6
	Pediatrics (General)	60	13.6
Ob/Gyn		57	12.9
	Obstetrics & Gynecology	56	12.7
	Gynecology (Only)	1	0.2
IM Specialties		83	18.8
	Cardiology	23	5.2
	Endocrinology & Metabolism	4	0.9
	Gastroenterology	10	2.3
	Geriatrics	5	1.1
	Infectious Disease	5	1.1
	Medical Oncology	6	1.4
	Nephrology	8	1.8
	Pulmonary Disease	9	2.0
	Rheumatology	5	1.1
	Other Internal Medicine	8	1.8
Surgery (General)		35	7.9
Surgery Specialties		90	20.4
	Neurosurgery	6	1.4
	Ophthalmology	16	3.6
	Orthopedics	17	3.8
	Otolaryngology	11	2.5
	Plastic Surgery	4	0.9
	Thoracic Surgery	10	2.3
	Urology	9	2.0
	Other Surgery Specialties	17	3.8
Facility Based		113	25.6
	Anesthesiology	32	7.2
	Pathology	20	4.5
	Radiology	61	13.8
Psychiatrists		32	7.2
	Psychiatry - Adult	26	5.9
	Psychiatry - Child & Adolescent	6	1.4
Other		91	20.6
	Allergy & Immunology	3	0.7
	Dermatology	8	1.8
	Emergency Medicine	32	7.2
	Neurology	9	2.0
	Pediatrics Subspecialties	20	4.5
	Physical Medicine & Rehab	9	2.0
	Prev Med/Occ Med/Public Hlth	2	0.5
	Other	8	1.8
Total Physicians		1,067	241.6

Genesee

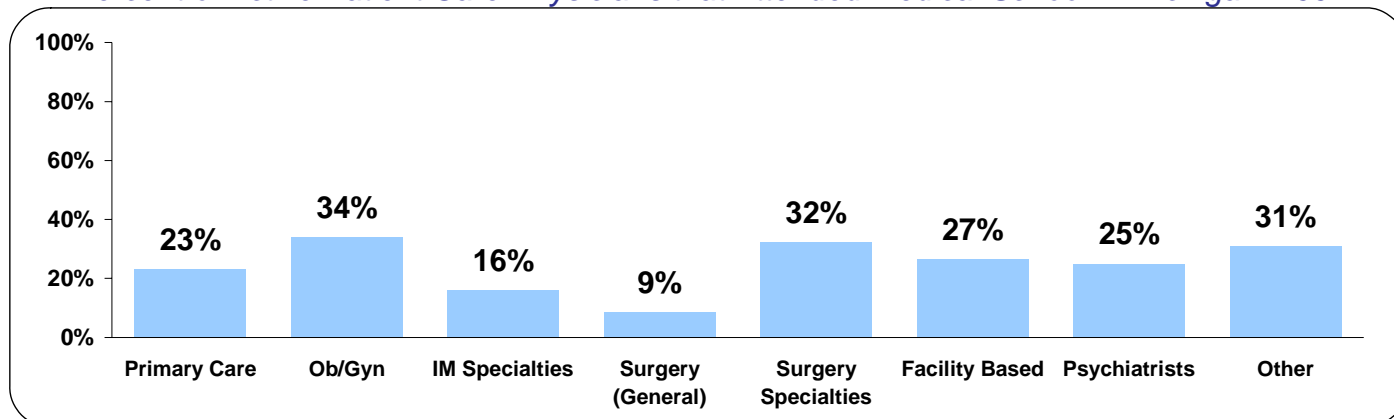
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

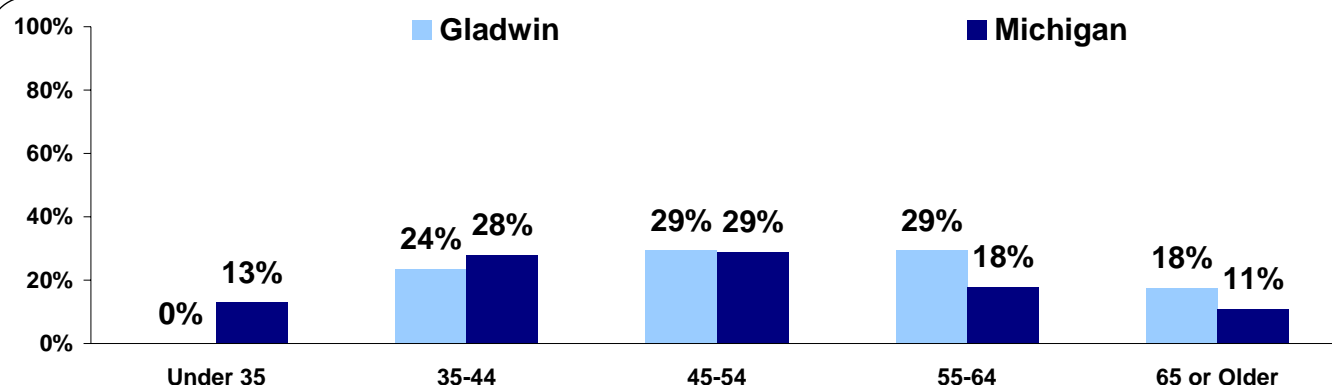


Gladwin

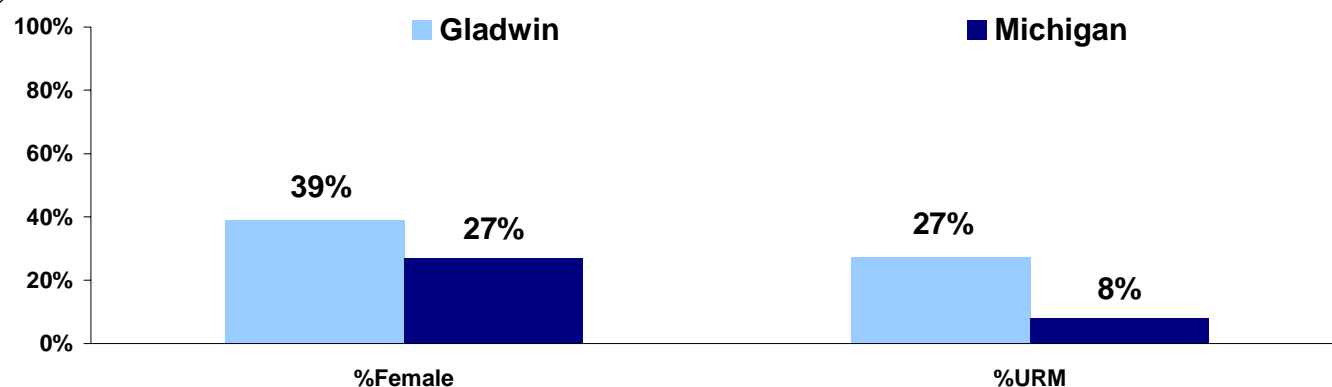
Population		Gladwin 26,892	Michigan 10,158,867
		#	#/100k Pop
Primary Care		12	44.6
	Family Practice	9	33.5
	Internal Medicine (General)	3	11.2
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		1	3.7
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		4	14.9
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	3	11.2
	Neurology	0	0.0
	Pediatrics Subspecialties	1	3.7
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		17	64.9

Gladwin

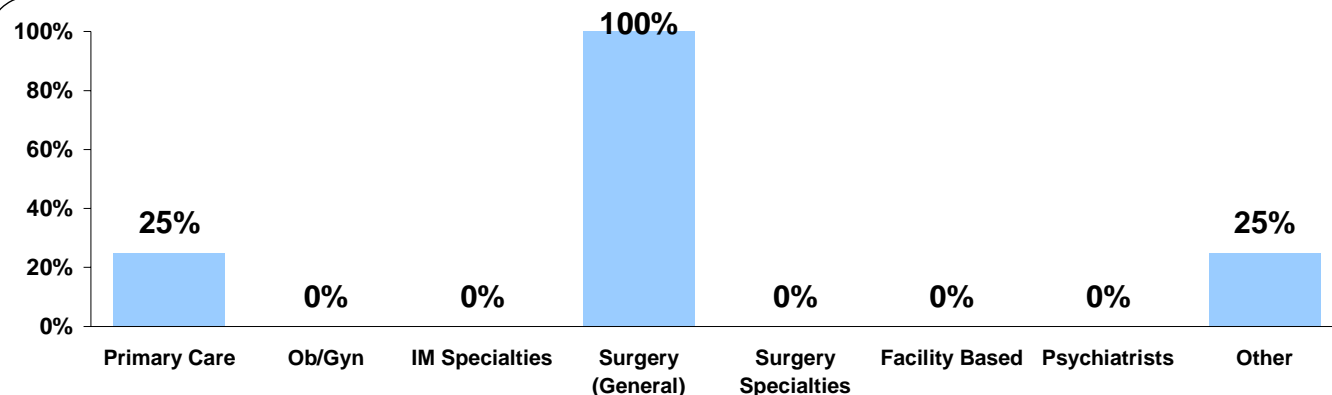
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

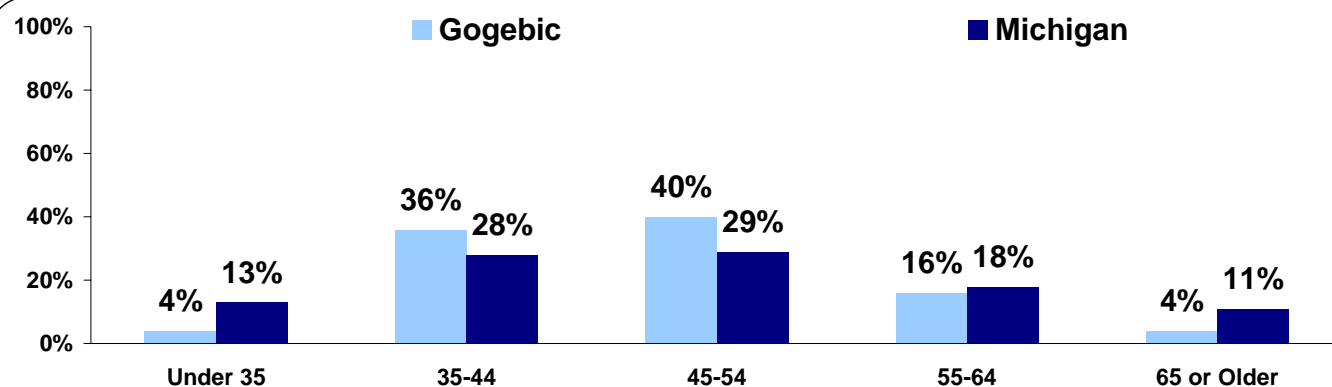


Gogebic

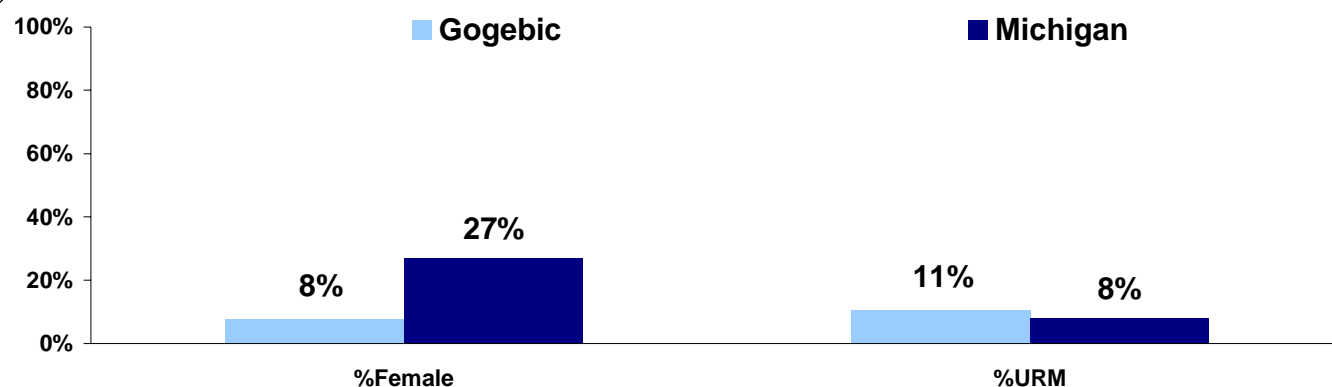
Population		<u>Gogebic</u> 16,885	<u>Michigan</u> 10,158,867
		<u>#</u>	<u>#/100k Pop</u>
Primary Care		14	82.9
	Family Practice	9	53.3
	Internal Medicine (General)	5	29.6
	Pediatrics (General)	0	0.0
Ob/Gyn		1	5.9
	Obstetrics & Gynecology	1	5.9
	Gynecology (Only)	0	0.0
IM Specialties		4	23.7
	Cardiology	2	11.8
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	1	5.9
	Medical Oncology	1	5.9
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		2	11.8
Surgery Specialties		3	17.8
	Neurosurgery	0	0.0
	Ophthalmology	2	11.8
	Orthopedics	1	5.9
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		1	5.9
	Anesthesiology	0	0.0
	Pathology	1	5.9
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		1	5.9
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	1	5.9
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		26	152.4

Gogebic

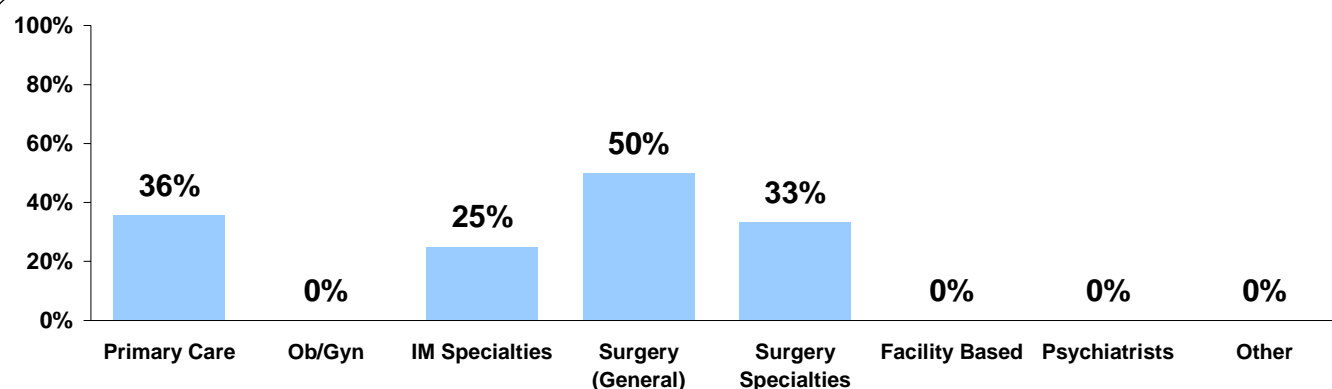
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

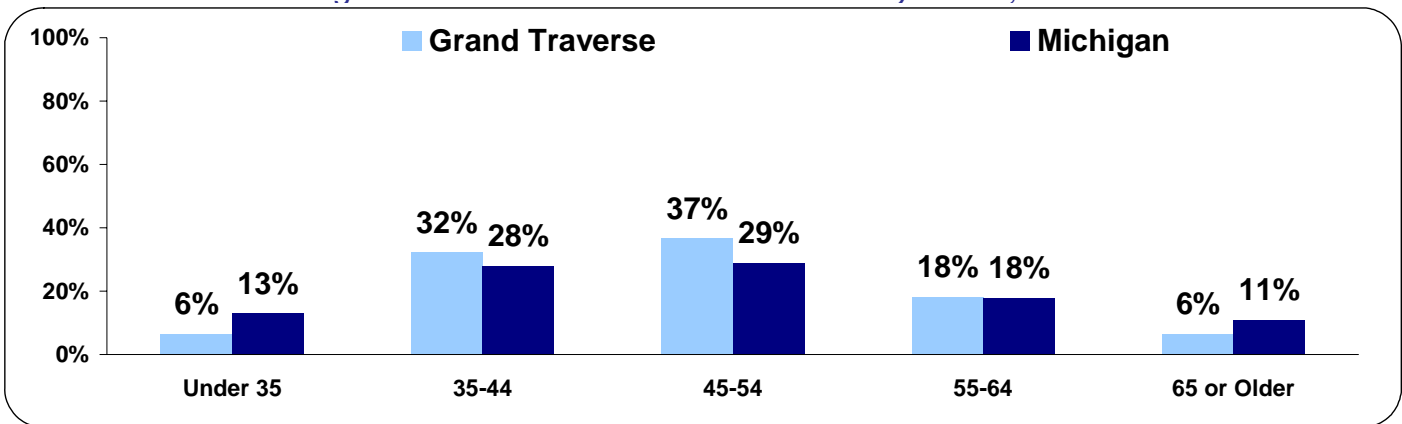


Grand Traverse

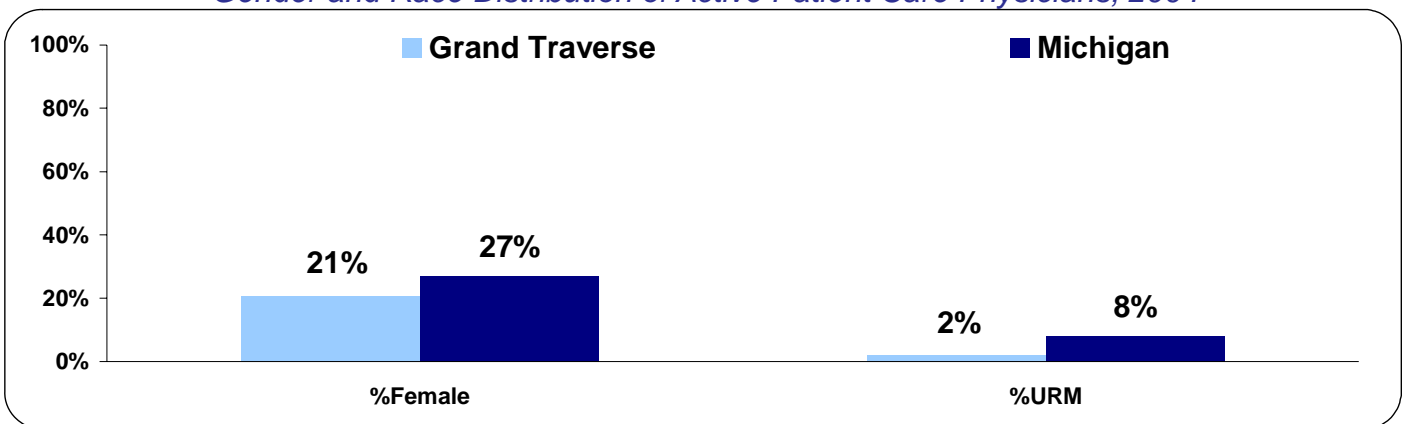
Population		<u>Grand Traverse</u> 83,008		<u>Michigan</u> 10,158,867
		#	#/100k Pop	#/100k Pop
Primary Care		133	160.2	86.8
	Family Practice	70	84.3	38.6
	Internal Medicine (General)	49	59.0	33.7
	Pediatrics (General)	14	16.9	14.5
Ob/Gyn		16	19.3	13.2
	Obstetrics & Gynecology	14	16.9	12.6
	Gynecology (Only)	2	2.4	0.6
IM Specialties		39	47.0	21.3
	Cardiology	13	15.7	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	5	6.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	2	2.4	1.3
	Medical Oncology	7	8.4	1.8
	Nephrology	1	1.2	2.0
	Pulmonary Disease	5	6.0	2.3
	Rheumatology	2	2.4	1.2
	Other Internal Medicine	4	4.8	2.5
Surgery (General)		10	12.0	8.6
Surgery Specialties		50	60.2	24.6
	Neurosurgery	4	4.8	1.4
	Ophthalmology	13	15.7	5.8
	Orthopedics	12	14.5	6.2
	Otolaryngology	5	6.0	2.5
	Plastic Surgery	4	4.8	1.7
	Thoracic Surgery	4	4.8	1.4
	Urology	4	4.8	3.0
	Other Surgery Specialties	4	4.8	2.7
Facility Based		57	68.7	26.3
	Anesthesiology	22	26.5	9.6
	Pathology	10	12.0	5.0
	Radiology	25	30.1	11.8
Psychiatrists		20	24.1	12.2
	Psychiatry - Adult	17	20.5	10.3
	Psychiatry - Child & Adolescent	3	3.6	1.9
Other		53	63.8	29.9
	Allergy & Immunology	2	2.4	1.5
	Dermatology	8	9.6	2.9
	Emergency Medicine	25	30.1	10.8
	Neurology	6	7.2	3.9
	Pediatrics Subspecialties	3	3.6	4.5
	Physical Medicine & Rehab	5	6.0	3.0
	Prev Med/Occ Med/Public Hlth	2	2.4	1.7
	Other	<u>2</u>	<u>2.4</u>	<u>1.7</u>
Total Physicians		386	464.4	234.0

Grand Traverse

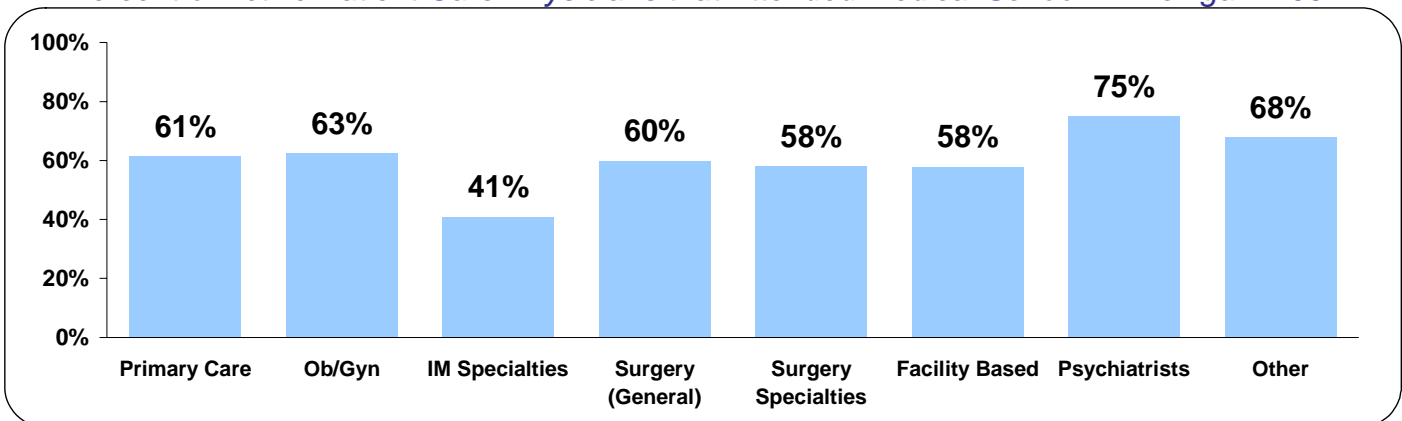
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



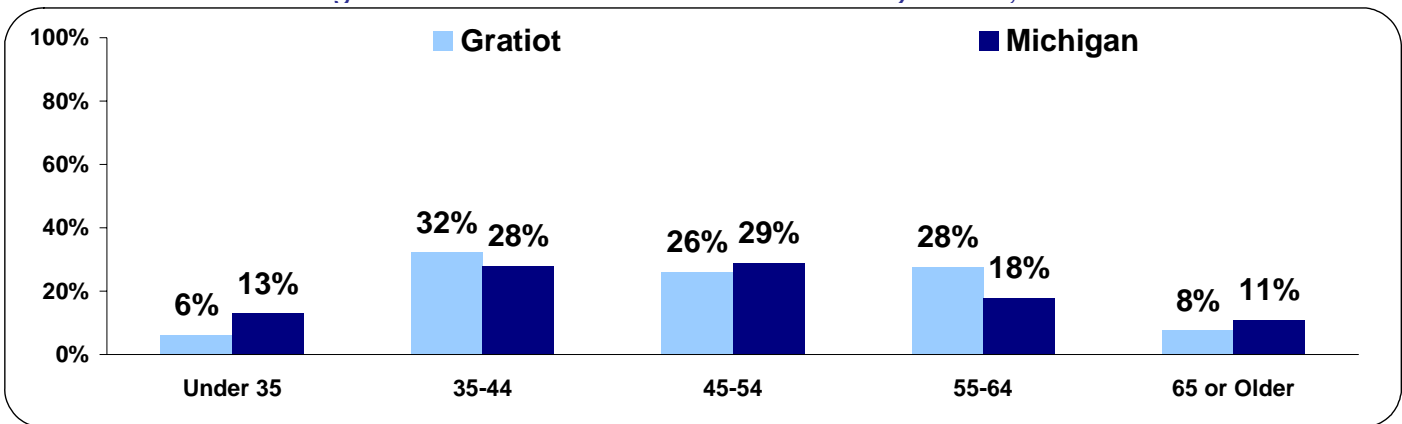
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



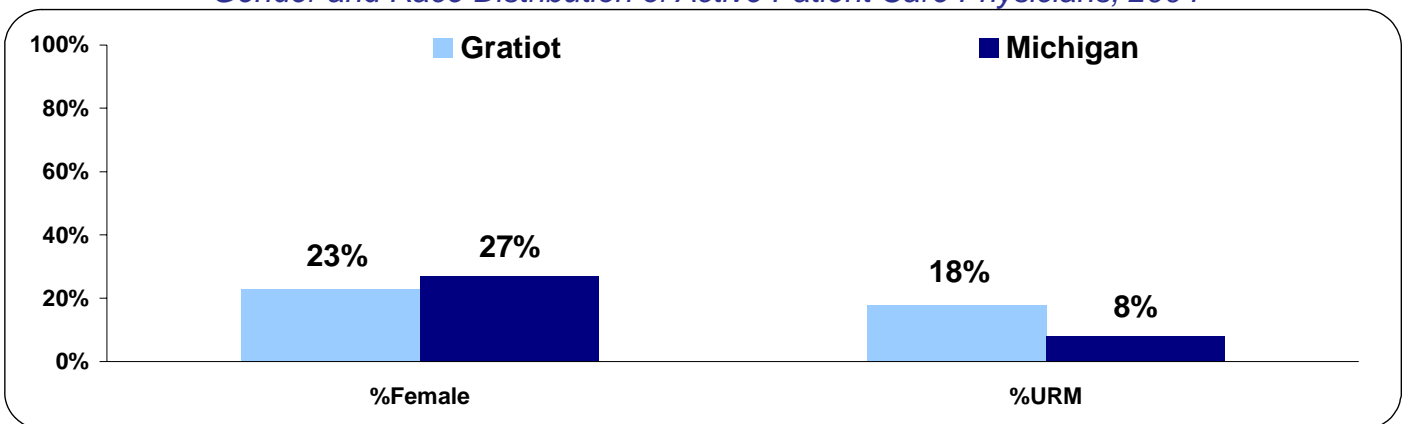
Gratiot

Population		Gratiot 42,070	Michigan 10,158,867
		#	#/100k Pop
Primary Care		34	80.8
	Family Practice	22	52.3
	Internal Medicine (General)	9	21.4
	Pediatrics (General)	3	7.1
Ob/Gyn		4	9.5
	Obstetrics & Gynecology	4	9.5
	Gynecology (Only)	0	0.0
IM Specialties		5	11.9
	Cardiology	3	7.1
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	1	2.4
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	1	2.4
Surgery (General)		5	11.9
Surgery Specialties		3	7.1
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	2	4.8
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	1	2.4
	Other Surgery Specialties	0	0.0
Facility Based		7	16.6
	Anesthesiology	3	7.1
	Pathology	2	4.8
	Radiology	2	4.8
Psychiatrists		4	9.5
	Psychiatry - Adult	3	7.1
	Psychiatry - Child & Adolescent	1	2.4
Other		4	9.5
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	1	2.4
	Neurology	0	0.0
	Pediatrics Subspecialties	1	2.4
	Physical Medicine & Rehab	1	2.4
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	1	2.4
Total Physicians		65	155.4

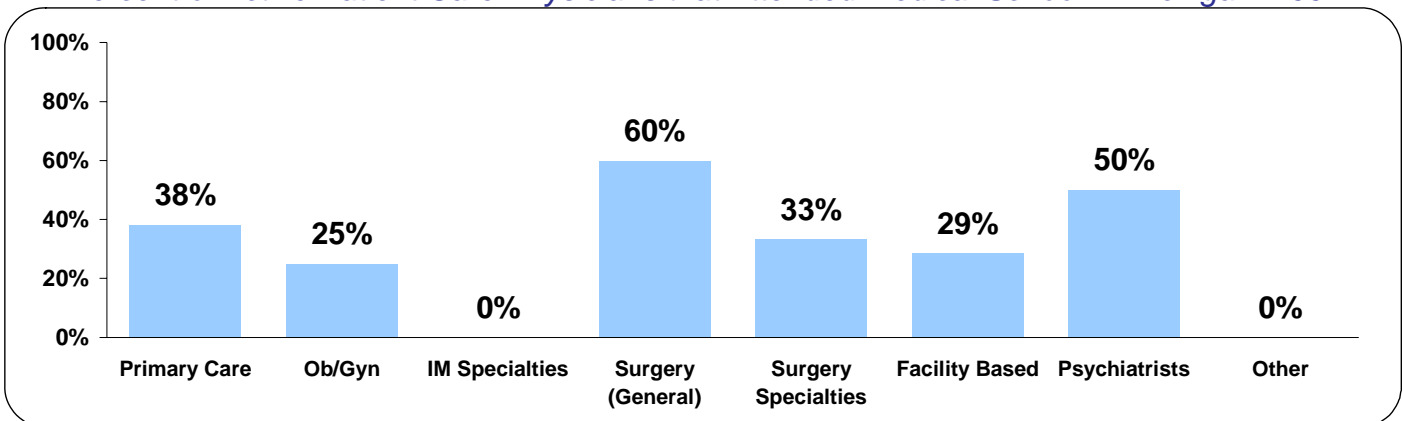
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

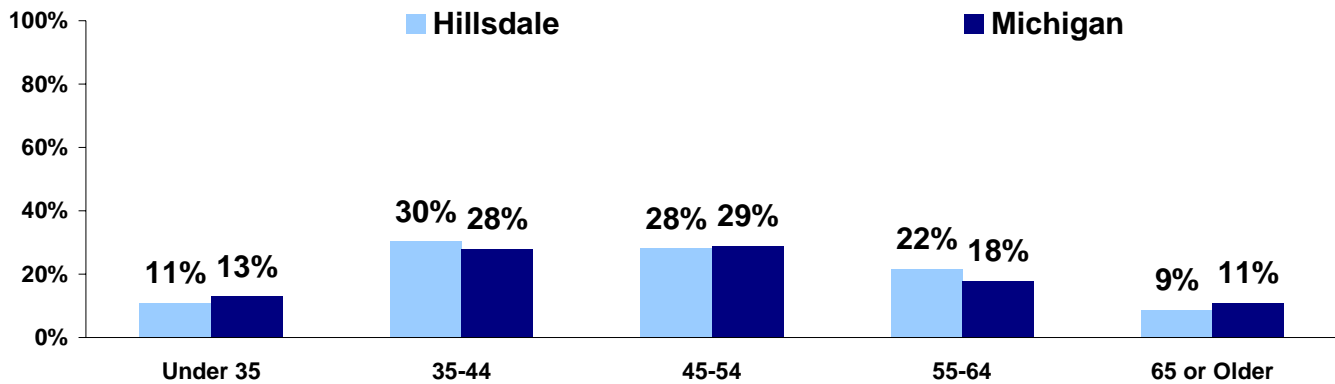


Hillsdale

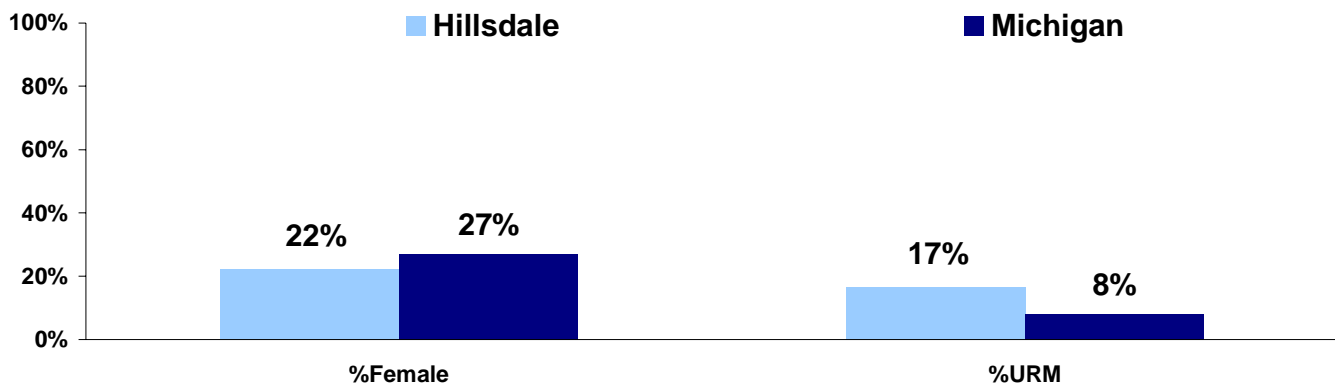
Population		Hillsdale 47,162	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		18	38.2	86.8
	Family Practice	11	23.3	38.6
	Internal Medicine (General)	5	10.6	33.7
	Pediatrics (General)	2	4.2	14.5
Ob/Gyn		3	6.4	13.2
	Obstetrics & Gynecology	3	6.4	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		3	6.4	21.3
	Cardiology	1	2.1	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	1	2.1	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	1	2.1	2.5
Surgery (General)		4	8.5	8.6
Surgery Specialties		5	10.6	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	2	4.2	5.8
	Orthopedics	2	4.2	6.2
	Otolaryngology	1	2.1	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		3	6.4	26.3
	Anesthesiology	1	2.1	9.6
	Pathology	0	0.0	5.0
	Radiology	2	4.2	11.8
Psychiatrists		1	2.1	12.2
	Psychiatry - Adult	0	0.0	10.3
	Psychiatry - Child & Adolescent	1	2.1	1.9
Other		4	8.5	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	3	6.4	10.8
	Neurology	1	2.1	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
Total Physicians		46	96.8	234.0

Hillsdale

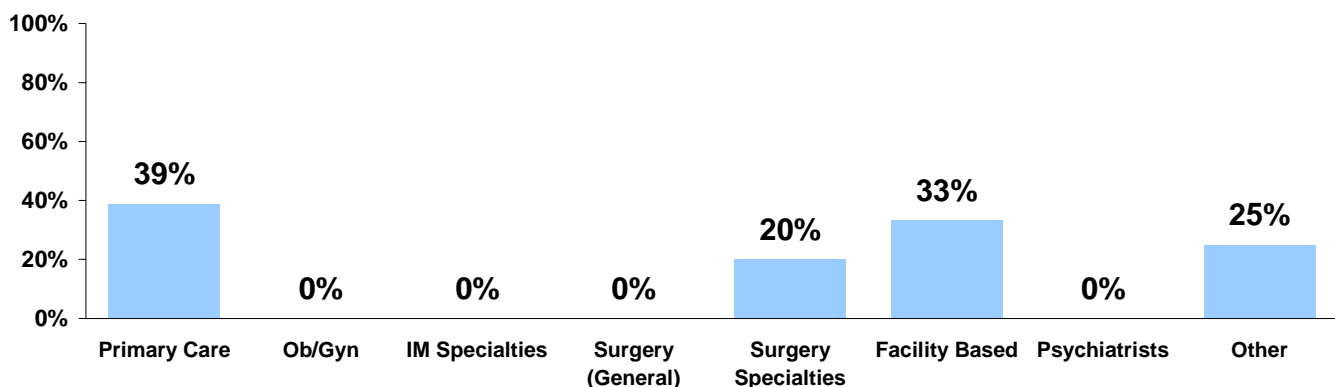
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

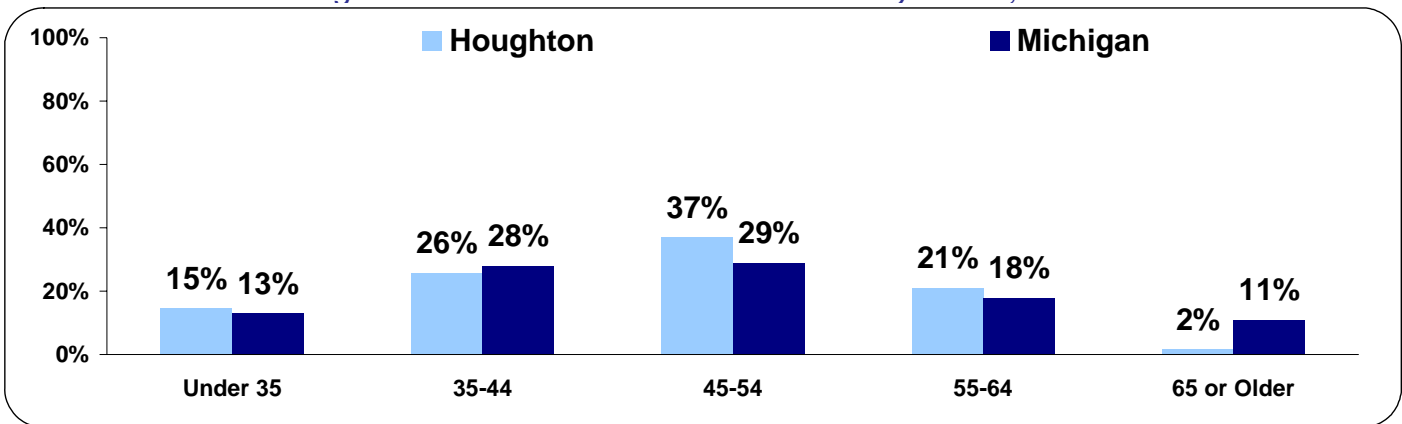


Houghton

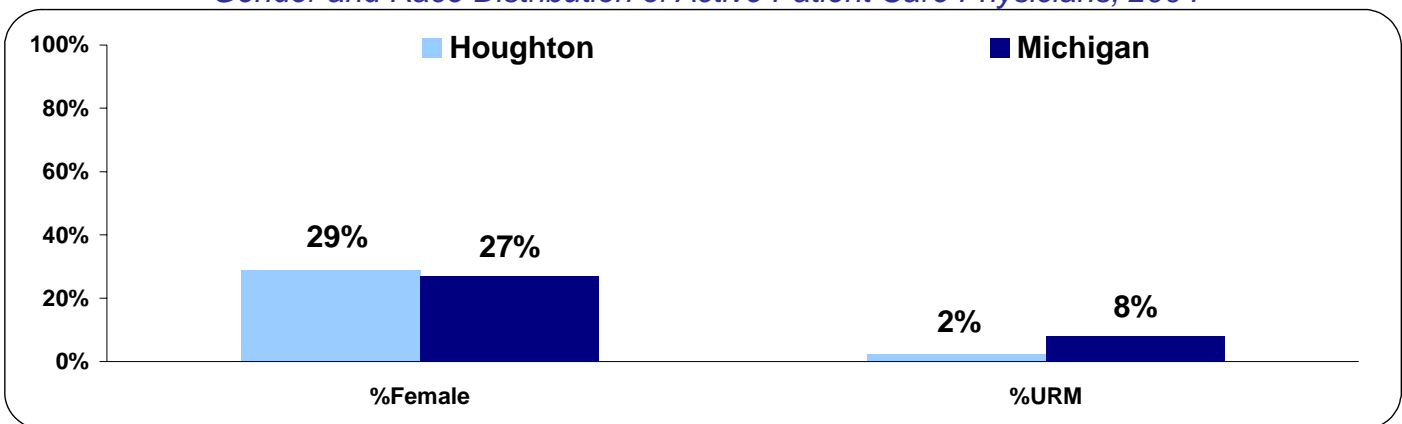
Population		Houghton 35,267	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		32	90.7	86.8
	Family Practice	22	62.4	38.6
	Internal Medicine (General)	3	8.5	33.7
	Pediatrics (General)	7	19.8	14.5
Ob/Gyn		3	8.5	13.2
	Obstetrics & Gynecology	3	8.5	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		4	11.3	21.3
	Cardiology	1	2.8	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	1	2.8	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	1	2.8	1.2
	Other Internal Medicine	1	2.8	2.5
Surgery (General)		4	11.3	8.6
Surgery Specialties		5	14.2	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	1	2.8	5.8
	Orthopedics	2	5.7	6.2
	Otolaryngology	1	2.8	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	1	2.8	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		5	14.2	26.3
	Anesthesiology	1	2.8	9.6
	Pathology	1	2.8	5.0
	Radiology	3	8.5	11.8
Psychiatrists		3	8.5	12.2
	Psychiatry - Adult	2	5.7	10.3
	Psychiatry - Child & Adolescent	1	2.8	1.9
Other		5	14.2	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	3	8.5	10.8
	Neurology	1	2.8	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	1	2.8	1.7
Total Physicians		62	175.8	234.0

Houghton

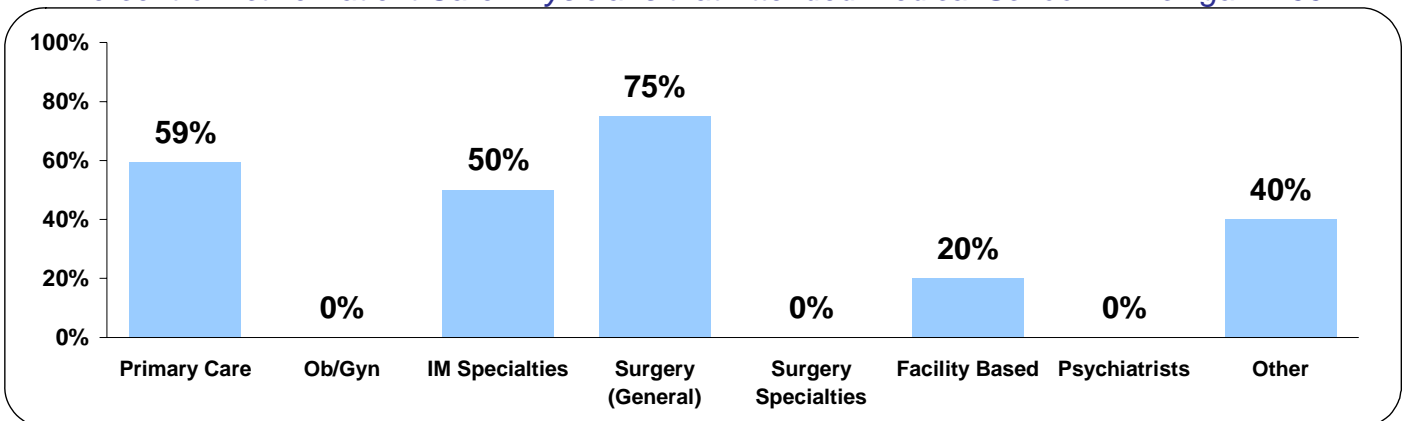
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



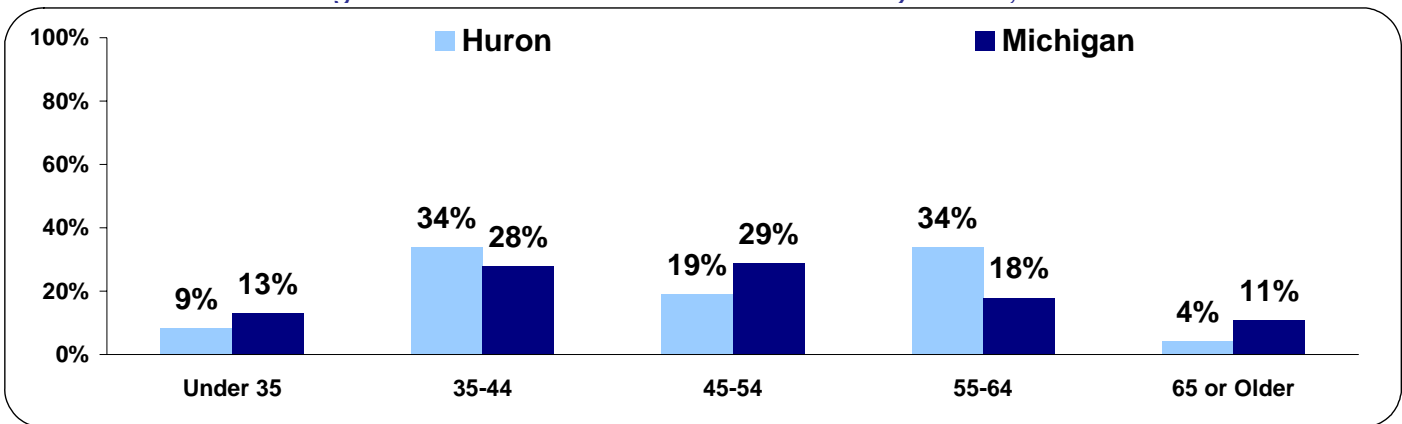
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



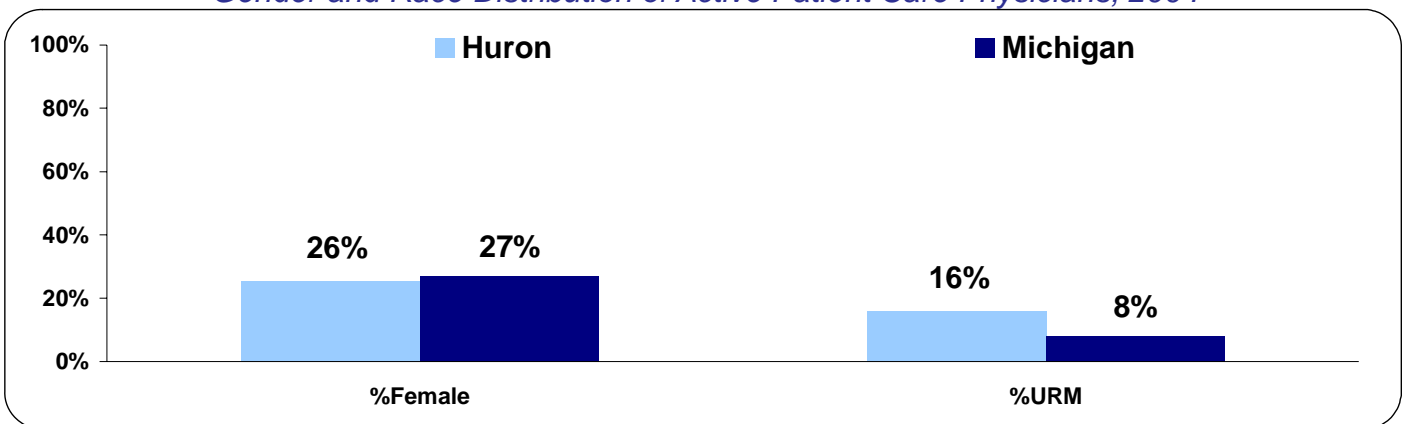
Huron

Population		Huron 34,766	Michigan 10,158,867
		#	#/100k Pop
Primary Care		24	69.0
	Family Practice	15	43.1
	Internal Medicine (General)	7	20.1
	Pediatrics (General)	2	5.8
Ob/Gyn		4	11.5
	Obstetrics & Gynecology	4	11.5
	Gynecology (Only)	0	0.0
IM Specialties		3	8.6
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	1	2.9
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	1	2.9
	Other Internal Medicine	1	2.9
Surgery (General)		4	11.5
Surgery Specialties		5	14.4
	Neurosurgery	0	0.0
	Ophthalmology	1	2.9
	Orthopedics	2	5.8
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	2	5.8
	Other Surgery Specialties	0	0.0
Facility Based		3	8.6
	Anesthesiology	1	2.9
	Pathology	1	2.9
	Radiology	1	2.9
Psychiatrists		1	2.9
	Psychiatry - Adult	1	2.9
	Psychiatry - Child & Adolescent	0	0.0
Other		3	8.6
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	2	5.8
	Neurology	0	0.0
	Pediatrics Subspecialties	1	2.9
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		47	135.8

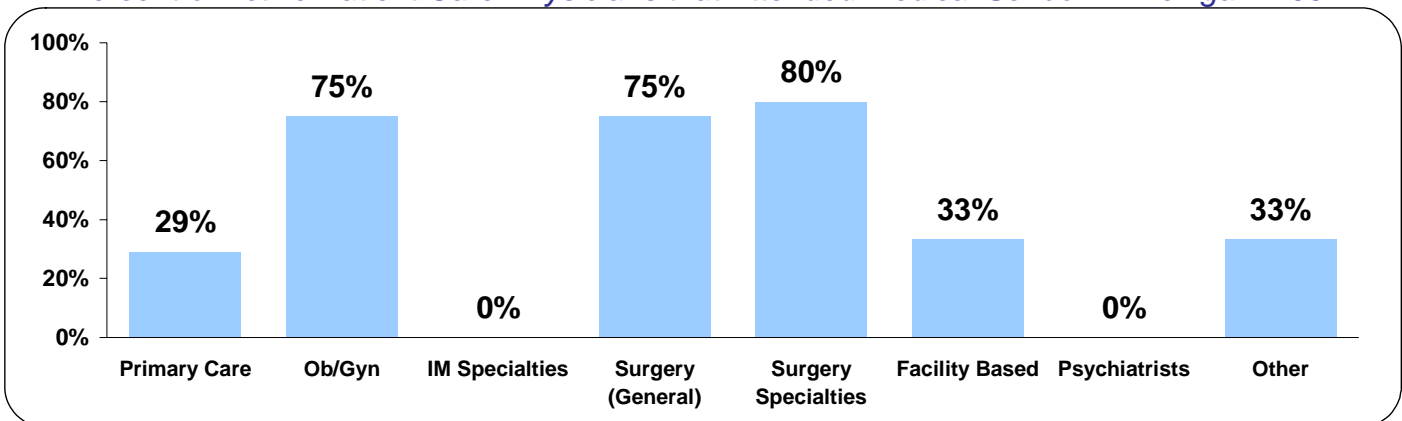
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

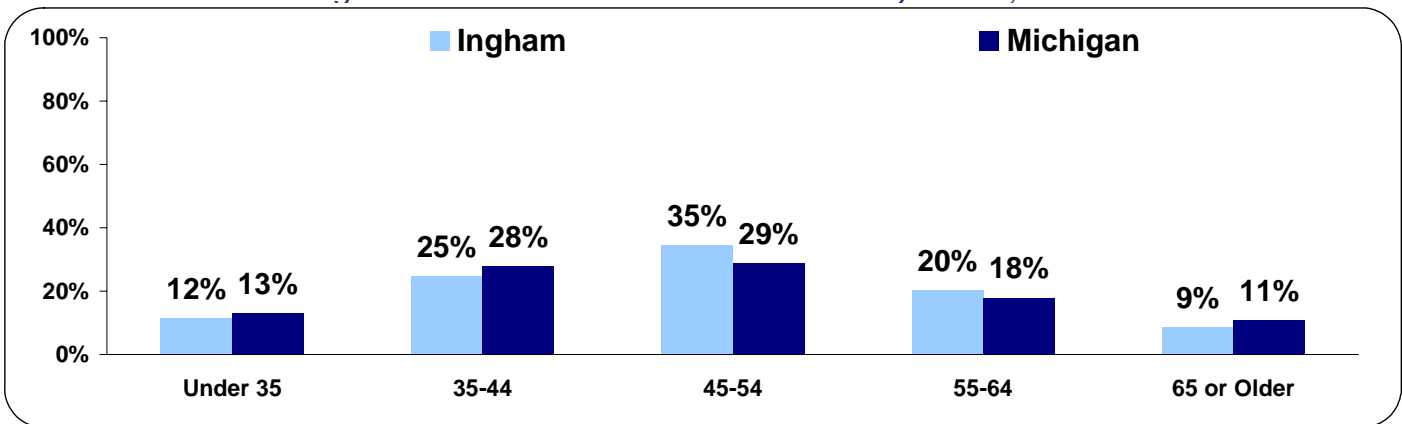


Ingham

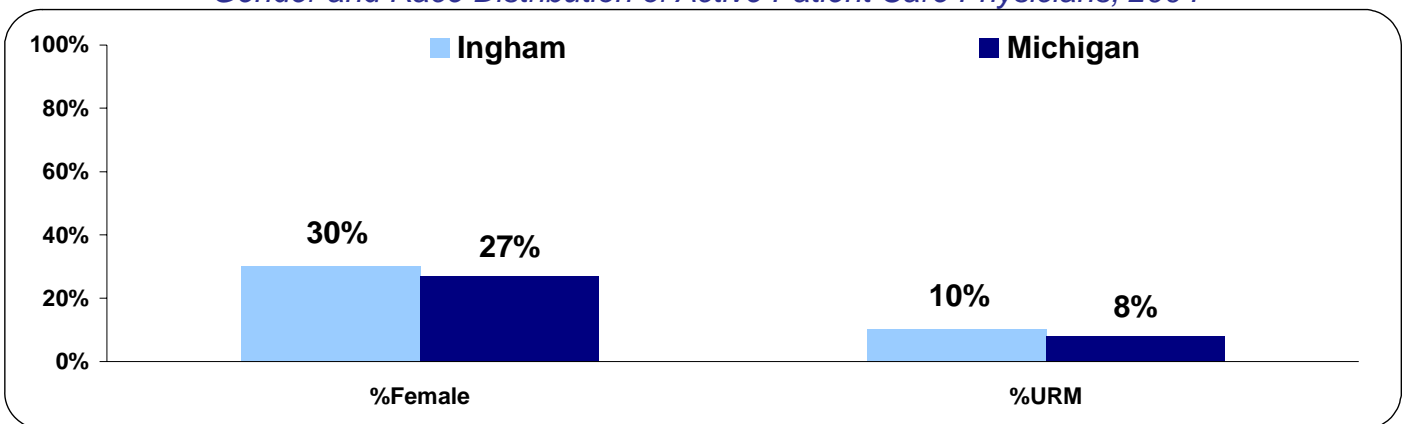
Population		<u>Ingham</u> 282,211	<u>Michigan</u> 10,158,867
		<u>#</u>	<u>#/100k Pop</u>
Primary Care		355	125.8
	Family Practice	189	67.0
	Internal Medicine (General)	98	34.7
	Pediatrics (General)	68	24.1
Ob/Gyn		51	18.1
	Obstetrics & Gynecology	48	17.0
	Gynecology (Only)	3	1.1
IM Specialties		84	29.8
	Cardiology	29	10.3
	Endocrinology & Metabolism	4	1.4
	Gastroenterology	10	3.5
	Geriatrics	2	0.7
	Infectious Disease	5	1.8
	Medical Oncology	5	1.8
	Nephrology	5	1.8
	Pulmonary Disease	9	3.2
	Rheumatology	7	2.5
	Other Internal Medicine	8	2.8
Surgery (General)		26	9.2
Surgery Specialties		97	34.4
	Neurosurgery	4	1.4
	Ophthalmology	23	8.1
	Orthopedics	28	9.9
	Otolaryngology	7	2.5
	Plastic Surgery	7	2.5
	Thoracic Surgery	10	3.5
	Urology	11	3.9
	Other Surgery Specialties	7	2.5
Facility Based		108	38.3
	Anesthesiology	42	14.9
	Pathology	15	5.3
	Radiology	51	18.1
Psychiatrists		72	25.5
	Psychiatry - Adult	60	21.3
	Psychiatry - Child & Adolescent	12	4.3
Other		123	43.6
	Allergy & Immunology	5	1.8
	Dermatology	9	3.2
	Emergency Medicine	44	15.6
	Neurology	15	5.3
	Pediatrics Subspecialties	18	6.4
	Physical Medicine & Rehab	15	5.3
	Prev Med/Occ Med/Public Hlth	6	2.1
	Other	<u>11</u>	<u>3.9</u>
Total Physicians		990	350.9

Ingham

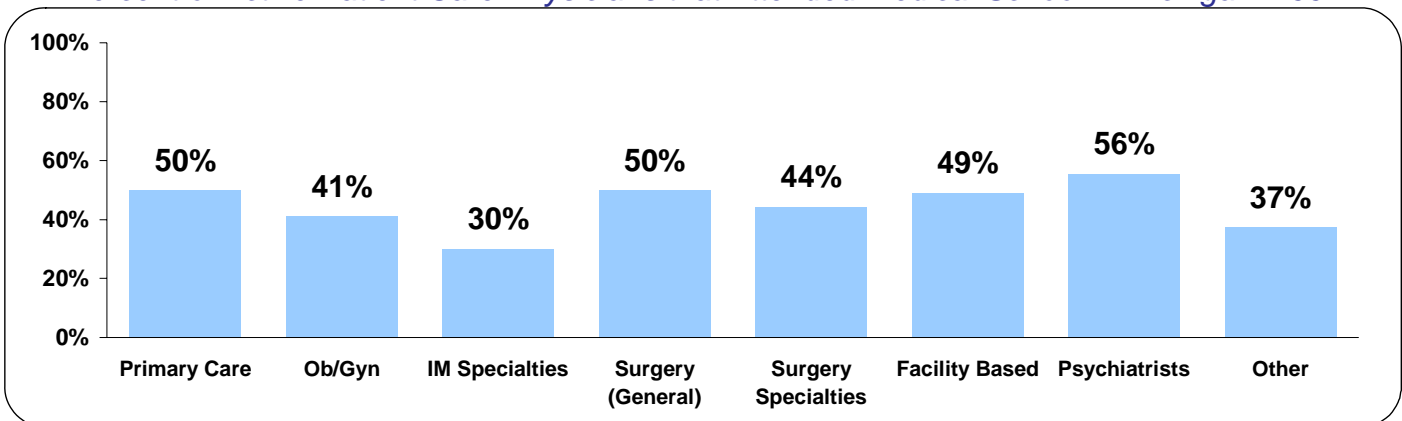
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



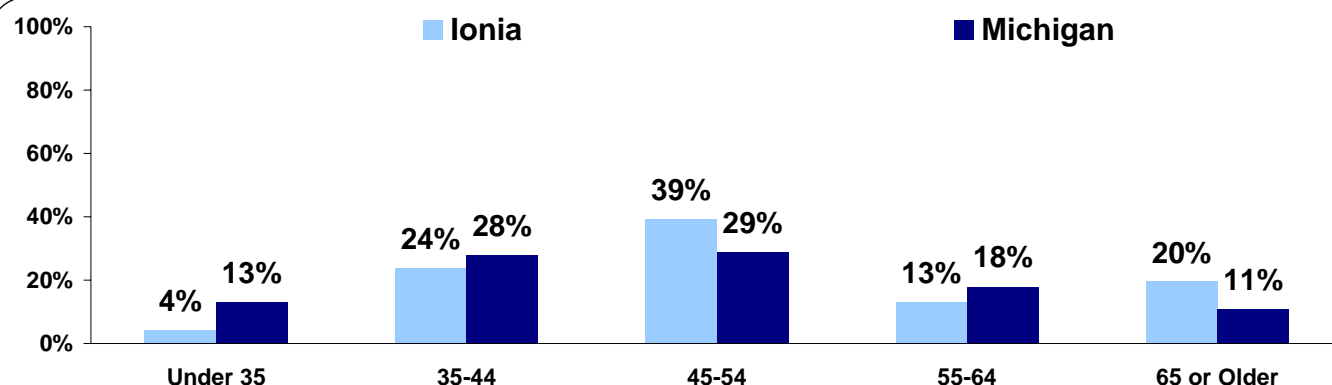
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



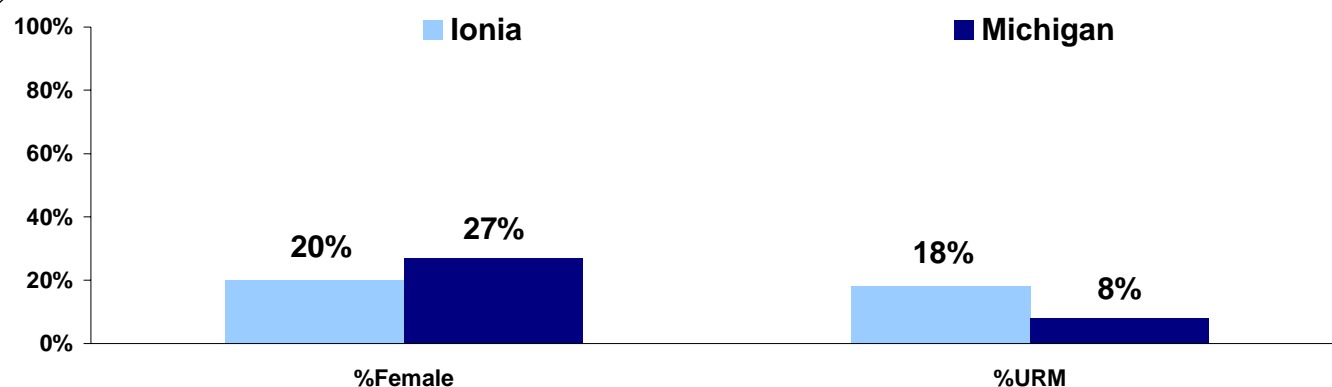
Ionia

Population		Ionia 63,882	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		33	51.7	86.8
	Family Practice	29	45.4	38.6
	Internal Medicine (General)	3	4.7	33.7
	Pediatrics (General)	1	1.6	14.5
Ob/Gyn		1	1.6	13.2
	Obstetrics & Gynecology	1	1.6	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		0	0.0	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		4	6.3	8.6
Surgery Specialties		0	0.0	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	0	0.0	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		0	0.0	26.3
	Anesthesiology	0	0.0	9.6
	Pathology	0	0.0	5.0
	Radiology	0	0.0	11.8
Psychiatrists		3	4.7	12.2
	Psychiatry - Adult	2	3.1	10.3
	Psychiatry - Child & Adolescent	1	1.6	1.9
Other		3	4.7	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	2	3.1	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	1	1.6	1.7
Total Physicians		45	70.3	234.0

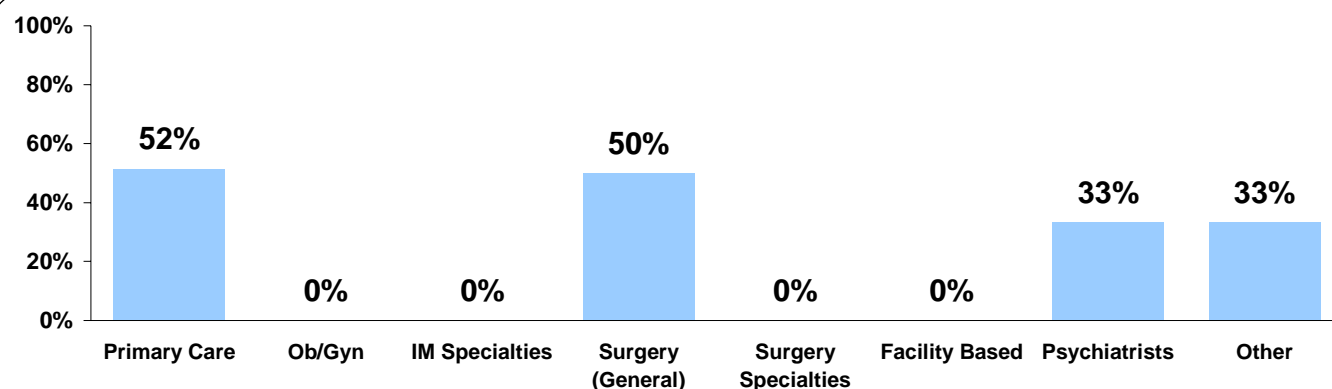
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004

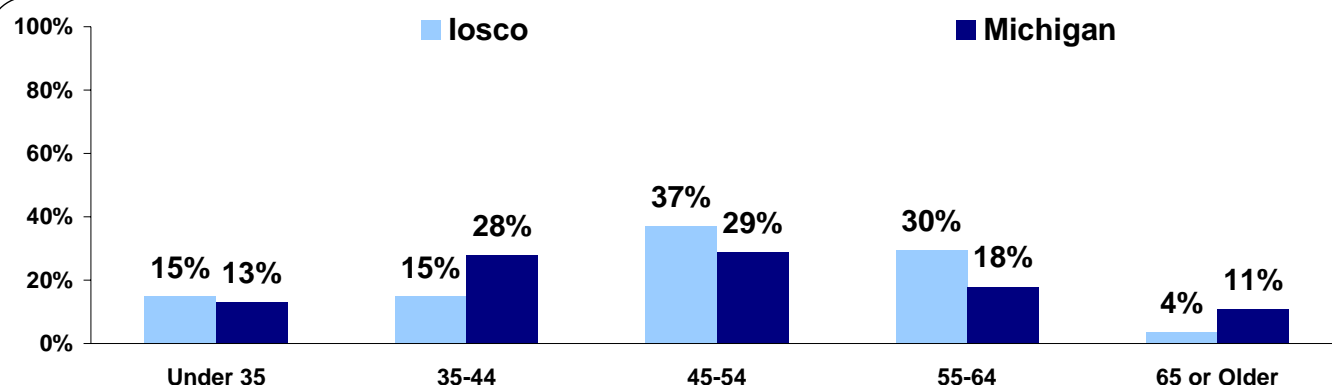


Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

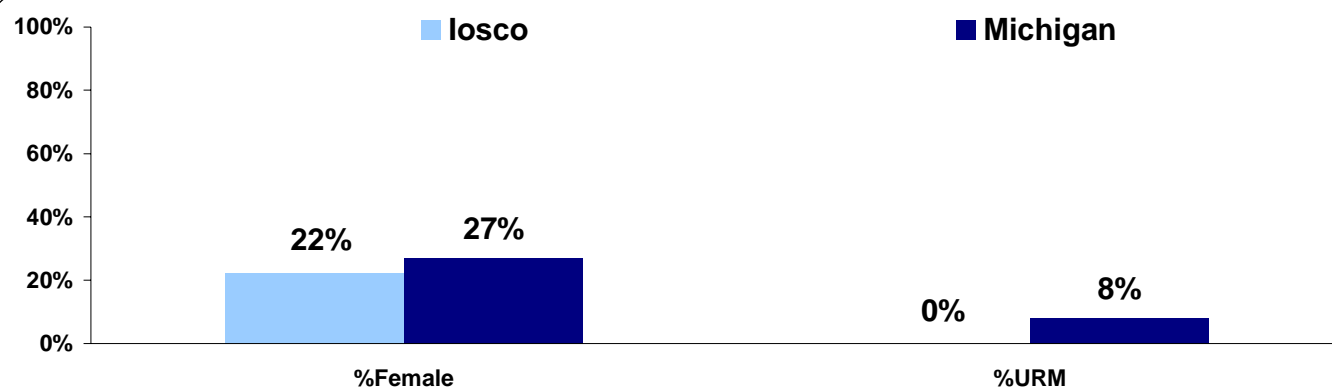


Population		losco 26,596	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		12	45.1	86.8
	Family Practice	7	26.3	38.6
	Internal Medicine (General)	4	15.0	33.7
	Pediatrics (General)	1	3.8	14.5
Ob/Gyn		2	7.5	13.2
	Obstetrics & Gynecology	2	7.5	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		1	3.8	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	1	3.8	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
	Surgery (General)	3	11.3	8.6
	Surgery Specialties		4	15.0
Neurosurgery		0	0.0	1.4
Ophthalmology		1	3.8	5.8
Orthopedics		2	7.5	6.2
Otolaryngology		0	0.0	2.5
Plastic Surgery		0	0.0	1.7
Thoracic Surgery		0	0.0	1.4
Urology		1	3.8	3.0
Other Surgery Specialties		0	0.0	2.7
Facility Based			2	7.5
	Anesthesiology	1	3.8	9.6
	Pathology	1	3.8	5.0
	Radiology	0	0.0	11.8
Psychiatrists		1	3.8	12.2
	Psychiatry - Adult	1	3.8	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		0	0.0	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	0	0.0	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
	Total Physicians		27	102.3

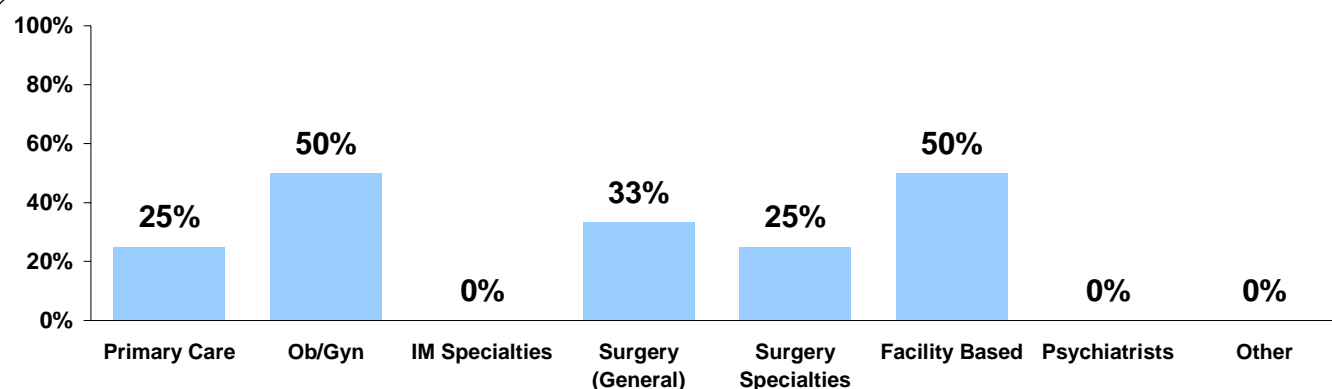
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



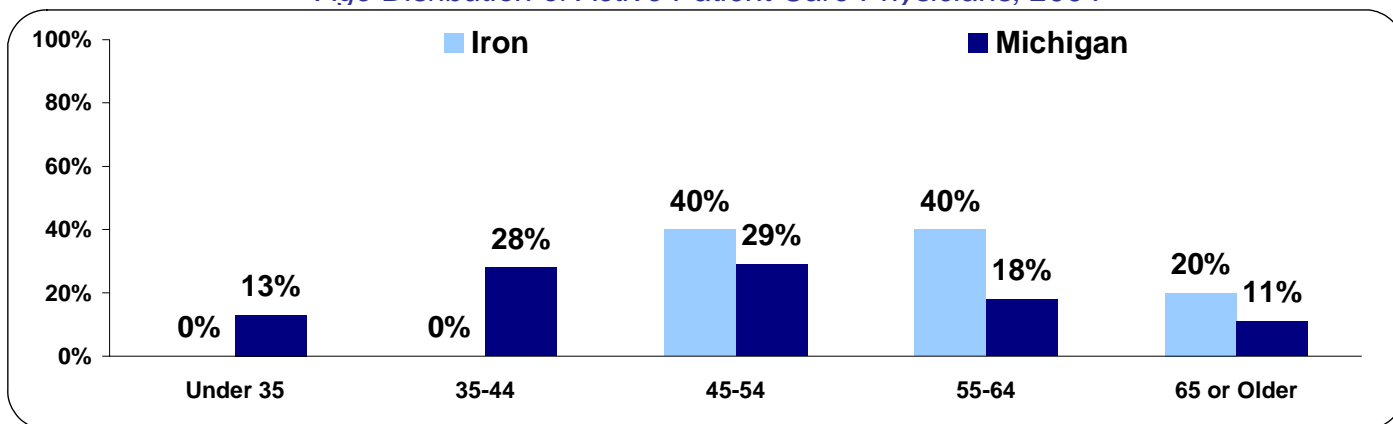
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



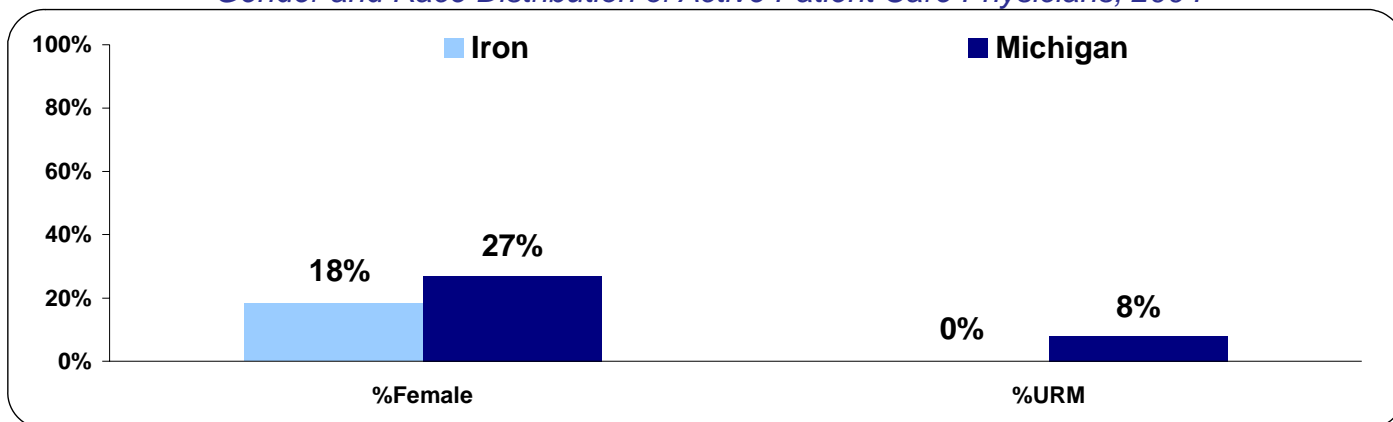
Iron

Population		Iron 12,480	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		5	40.1	86.8
	Family Practice	3	24.0	38.6
	Internal Medicine (General)	1	8.0	33.7
	Pediatrics (General)	1	8.0	14.5
Ob/Gyn		1	8.0	13.2
	Obstetrics & Gynecology	1	8.0	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		0	0.0	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		1	8.0	8.6
Surgery Specialties		0	0.0	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	0	0.0	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		3	24.0	26.3
	Anesthesiology	0	0.0	9.6
	Pathology	1	8.0	5.0
	Radiology	2	16.0	11.8
Psychiatrists		0	0.0	12.2
	Psychiatry - Adult	0	0.0	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		0	0.0	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	0	0.0	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
Total Physicians		11	88.1	234.0

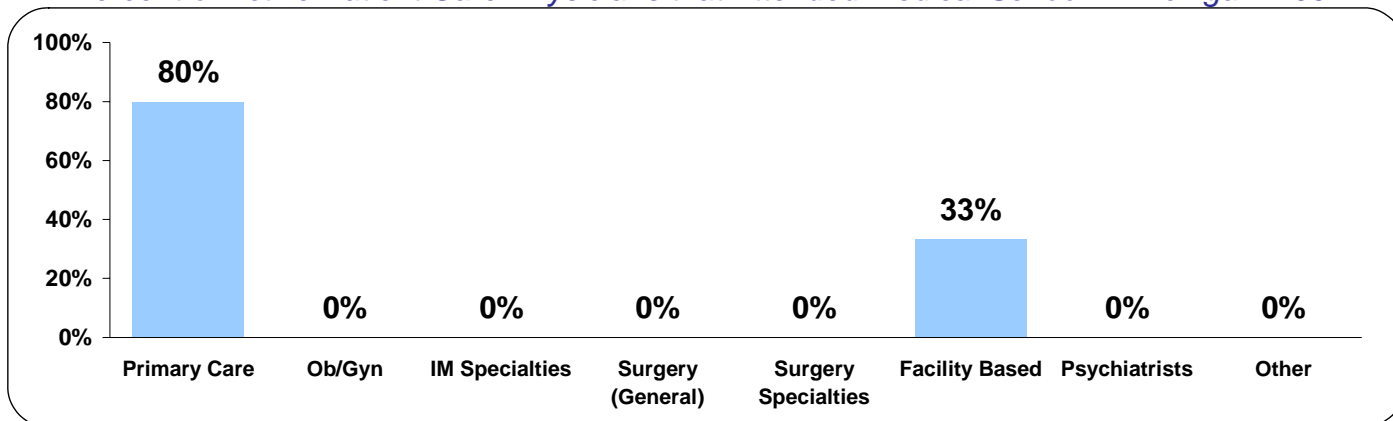
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



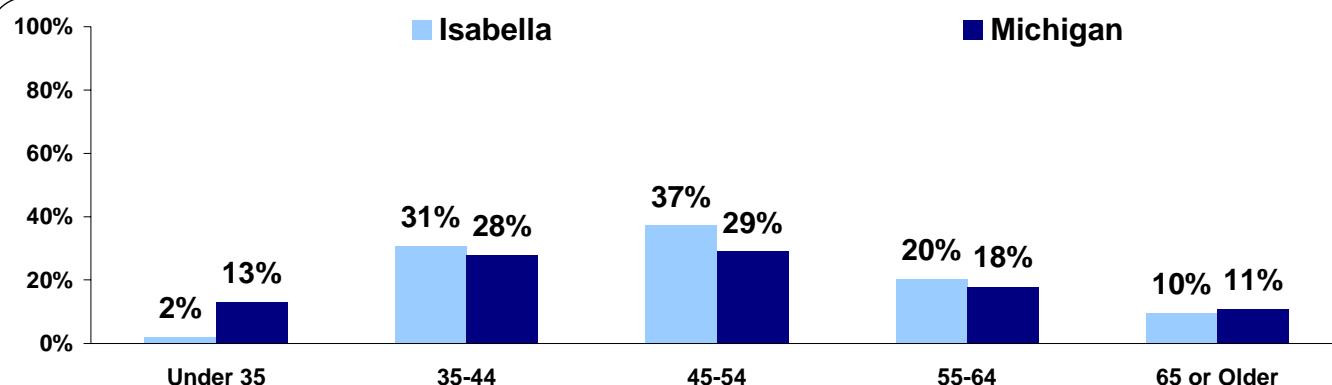
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



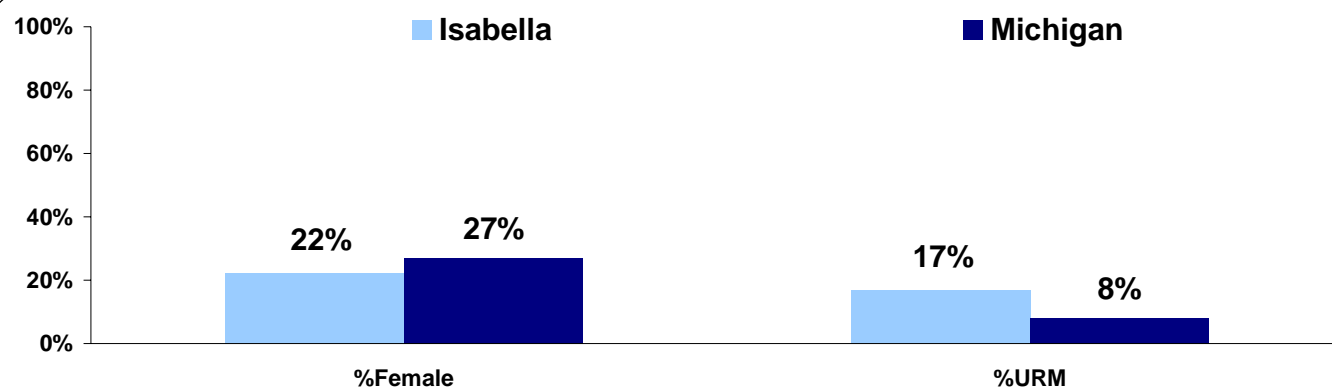
Isabella

Population		Isabella 63,985	Michigan 10,158,867
		#	#/100k Pop
Primary Care		34	53.1
	Family Practice	18	28.1
	Internal Medicine (General)	12	18.8
	Pediatrics (General)	4	6.3
Ob/Gyn		7	10.9
	Obstetrics & Gynecology	6	9.4
	Gynecology (Only)	1	1.6
IM Specialties		12	18.8
	Cardiology	2	3.1
	Endocrinology & Metabolism	1	1.6
	Gastroenterology	1	1.6
	Geriatrics	0	0.0
	Infectious Disease	1	1.6
	Medical Oncology	2	3.1
	Nephrology	3	4.7
	Pulmonary Disease	1	1.6
	Rheumatology	1	1.6
	Other Internal Medicine	0	0.0
Surgery (General)		5	7.8
Surgery Specialties		9	14.1
	Neurosurgery	0	0.0
	Ophthalmology	2	3.1
	Orthopedics	3	4.7
	Otolaryngology	2	3.1
	Plastic Surgery	0	0.0
	Thoracic Surgery	1	1.6
	Urology	1	1.6
	Other Surgery Specialties	0	0.0
Facility Based		10	15.6
	Anesthesiology	2	3.1
	Pathology	2	3.1
	Radiology	6	9.4
Psychiatrists		2	3.1
	Psychiatry - Adult	2	3.1
	Psychiatry - Child & Adolescent	0	0.0
Other		11	17.2
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	4	6.3
	Neurology	1	1.6
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	3	4.7
	Prev Med/Occ Med/Public Hlth	1	1.6
	Other	2	3.1
Total Physicians		94	146.6

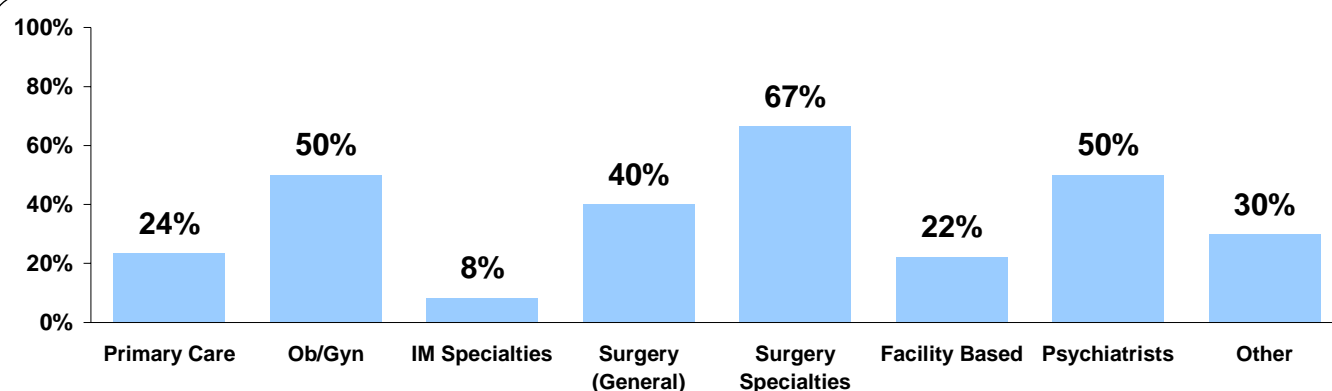
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

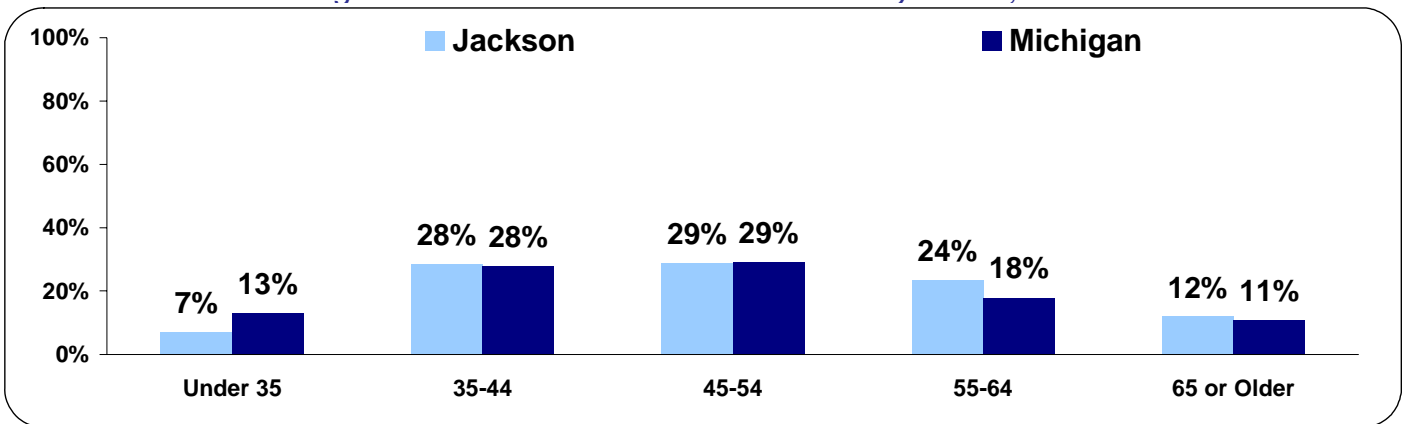


Jackson

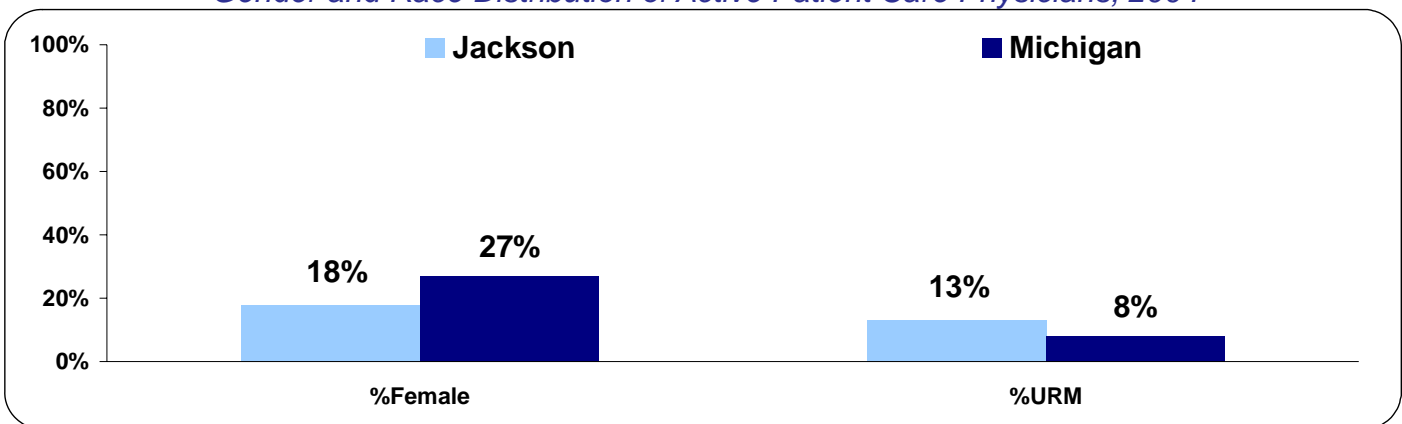
Population		Jackson 161,917	Michigan 10,158,867
		#	#/100k Pop
Primary Care		90	55.6
	Family Practice	48	29.6
	Internal Medicine (General)	30	18.5
	Pediatrics (General)	12	7.4
Ob/Gyn		6	3.7
	Obstetrics & Gynecology	6	3.7
	Gynecology (Only)	0	0.0
IM Specialties		30	18.5
	Cardiology	9	5.6
	Endocrinology & Metabolism	2	1.2
	Gastroenterology	7	4.3
	Geriatrics	0	0.0
	Infectious Disease	1	0.6
	Medical Oncology	1	0.6
	Nephrology	2	1.2
	Pulmonary Disease	3	1.9
	Rheumatology	1	0.6
	Other Internal Medicine	4	2.5
Surgery (General)		9	5.6
Surgery Specialties		28	17.3
	Neurosurgery	3	1.9
	Ophthalmology	8	4.9
	Orthopedics	6	3.7
	Otolaryngology	6	3.7
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	3	1.9
	Other Surgery Specialties	2	1.2
Facility Based		21	13.0
	Anesthesiology	10	6.2
	Pathology	1	0.6
	Radiology	10	6.2
Psychiatrists		16	9.9
	Psychiatry - Adult	14	8.6
	Psychiatry - Child & Adolescent	2	1.2
Other		22	13.6
	Allergy & Immunology	2	1.2
	Dermatology	2	1.2
	Emergency Medicine	6	3.7
	Neurology	4	2.5
	Pediatrics Subspecialties	3	1.9
	Physical Medicine & Rehab	1	0.6
	Prev Med/Occ Med/Public Hlth	3	1.9
	Other	1	0.6
Total Physicians		225	138.8

Jackson

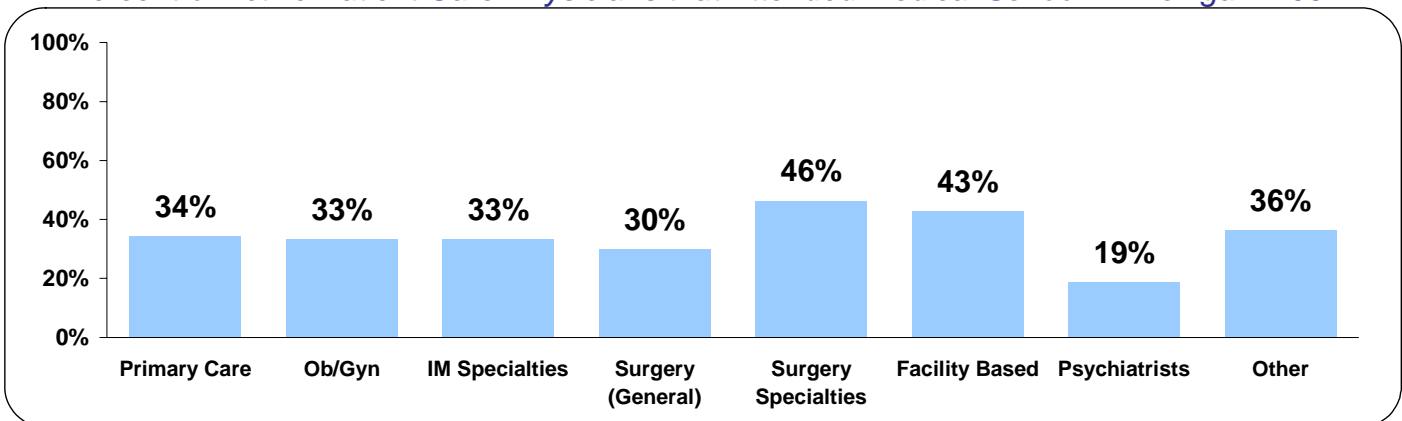
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

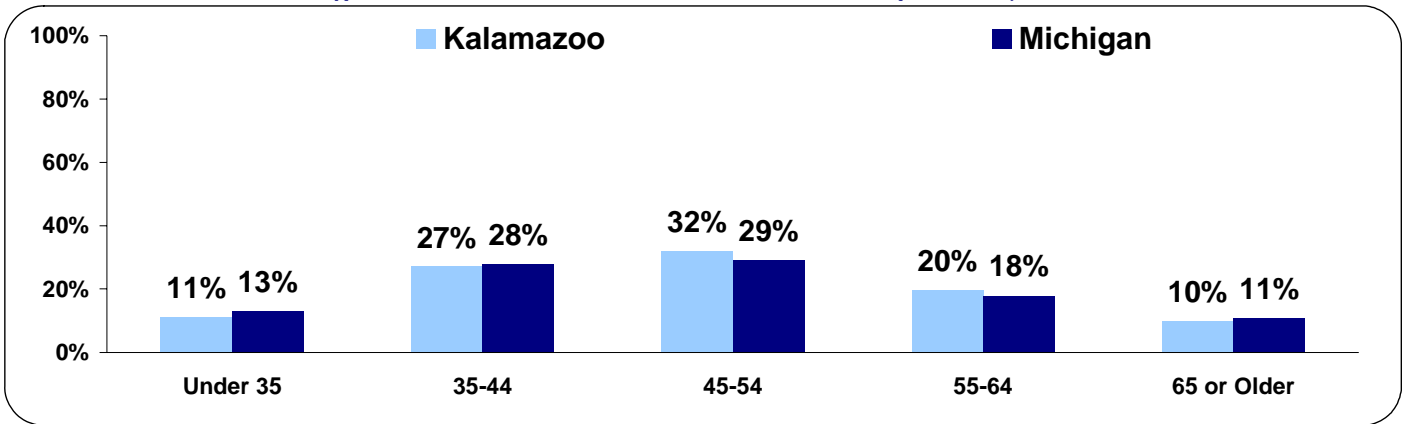


Kalamazoo

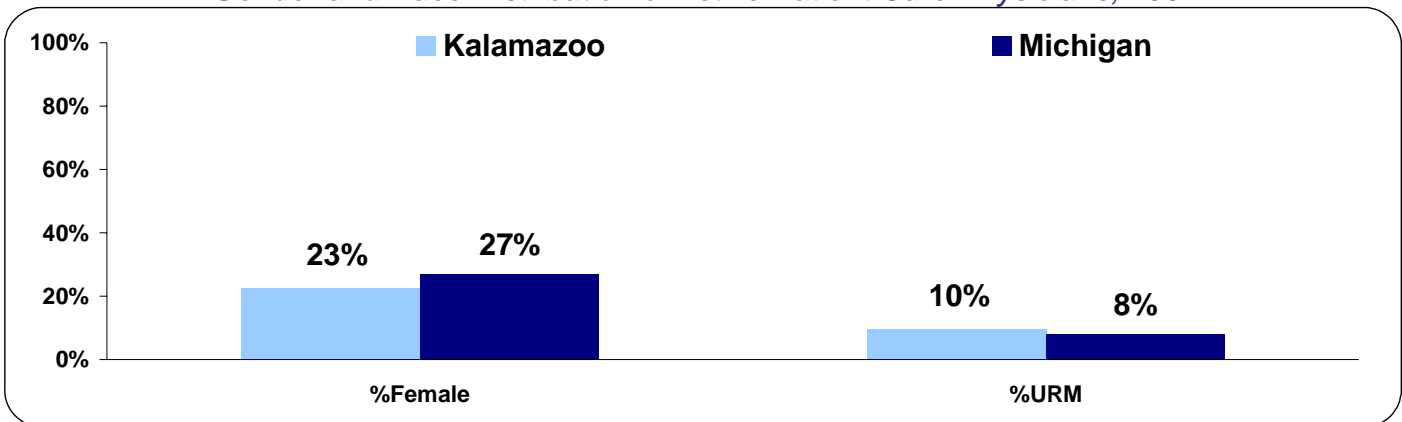
Population		<u>Kalamazoo</u> 241,903	<u>Michigan</u> 10,158,867
		<u>#</u>	<u>#/100k Pop</u>
Primary Care		254	105.0
	Family Practice	95	39.3
	Internal Medicine (General)	99	40.9
	Pediatrics (General)	60	24.8
Ob/Gyn		37	15.3
	Obstetrics & Gynecology	31	12.8
	Gynecology (Only)	6	2.5
IM Specialties		84	34.7
	Cardiology	32	13.2
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	6	2.5
	Geriatrics	1	0.4
	Infectious Disease	5	2.1
	Medical Oncology	7	2.9
	Nephrology	9	3.7
	Pulmonary Disease	9	3.7
	Rheumatology	4	1.7
	Other Internal Medicine	11	4.5
Surgery (General)		25	10.3
Surgery Specialties		99	40.9
	Neurosurgery	8	3.3
	Ophthalmology	15	6.2
	Orthopedics	31	12.8
	Otolaryngology	7	2.9
	Plastic Surgery	6	2.5
	Thoracic Surgery	8	3.3
	Urology	8	3.3
	Other Surgery Specialties	16	6.6
Facility Based		71	29.4
	Anesthesiology	33	13.6
	Pathology	13	5.4
	Radiology	25	10.3
Psychiatrists		35	14.5
	Psychiatry - Adult	32	13.2
	Psychiatry - Child & Adolescent	3	1.2
Other		131	54.2
	Allergy & Immunology	6	2.5
	Dermatology	7	2.9
	Emergency Medicine	67	27.7
	Neurology	13	5.4
	Pediatrics Subspecialties	22	9.1
	Physical Medicine & Rehab	6	2.5
	Prev Med/Occ Med/Public Hlth	5	2.1
	Other	5	2.1
Total Physicians		745	307.8

Kalamazoo

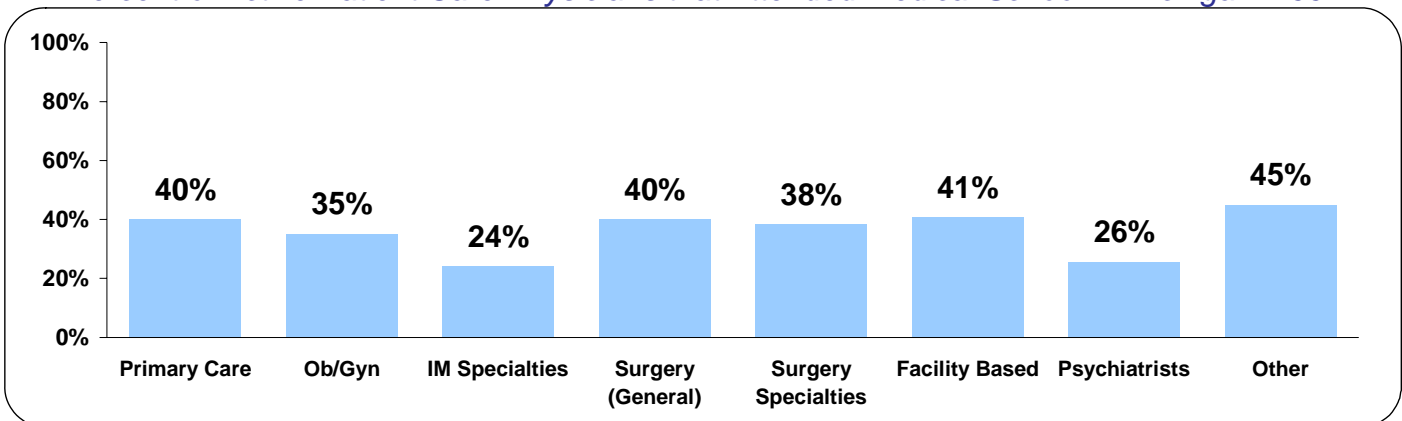
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

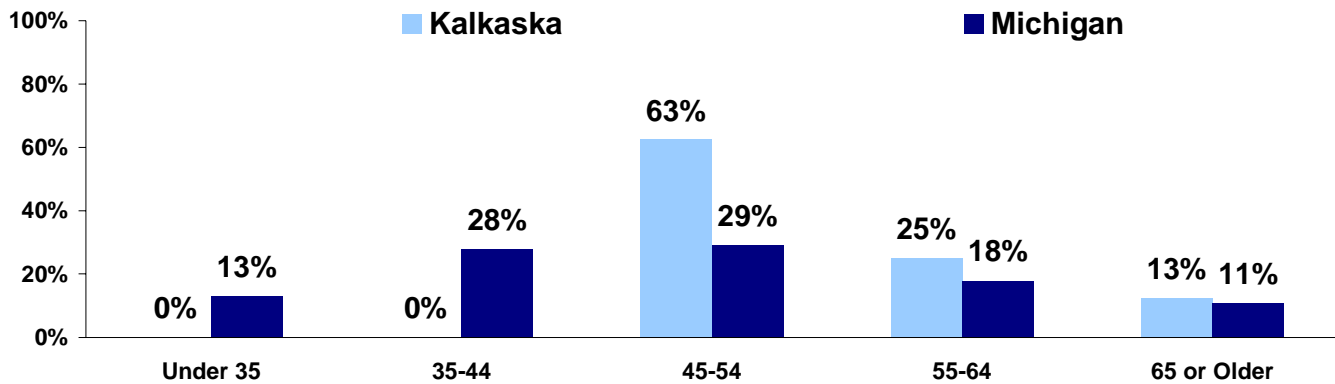


Kalkaska

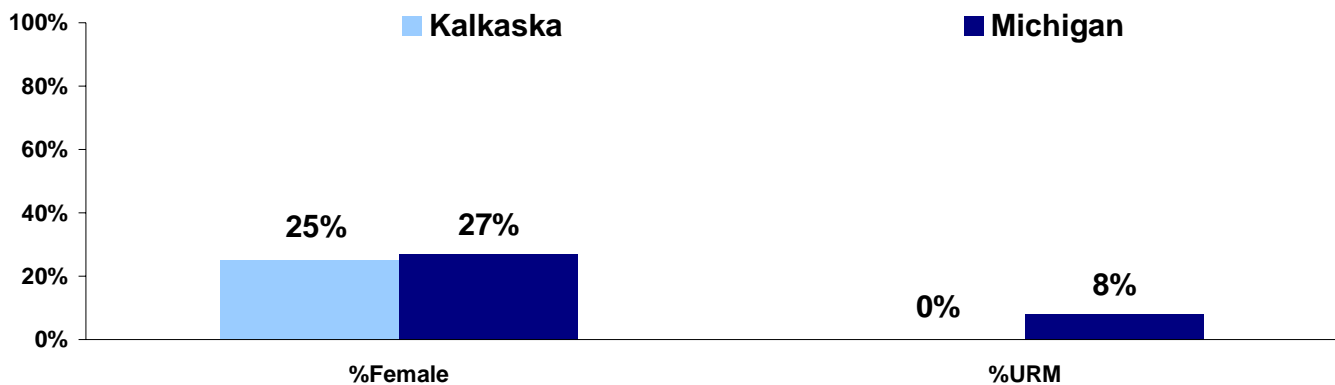
Population		<u>Kalkaska</u> 17,257	<u>Michigan</u> 10,158,867
		#	#/100k Pop
Primary Care		6	34.8
	Family Practice	6	34.8
	Internal Medicine (General)	0	0.0
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		0	0.0
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		1	5.8
	Anesthesiology	1	5.8
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		1	5.8
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	1	5.8
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		8	44.8

Kalkaska

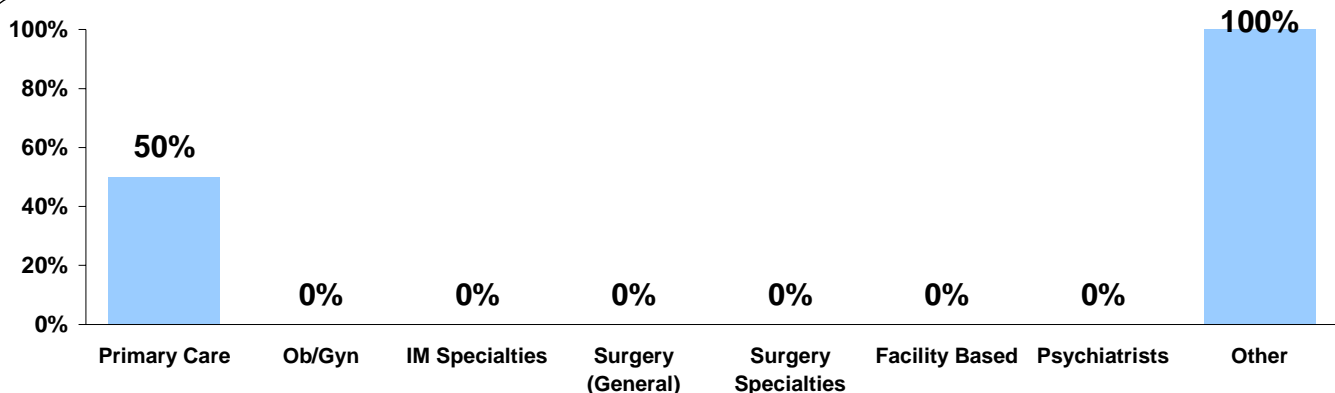
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



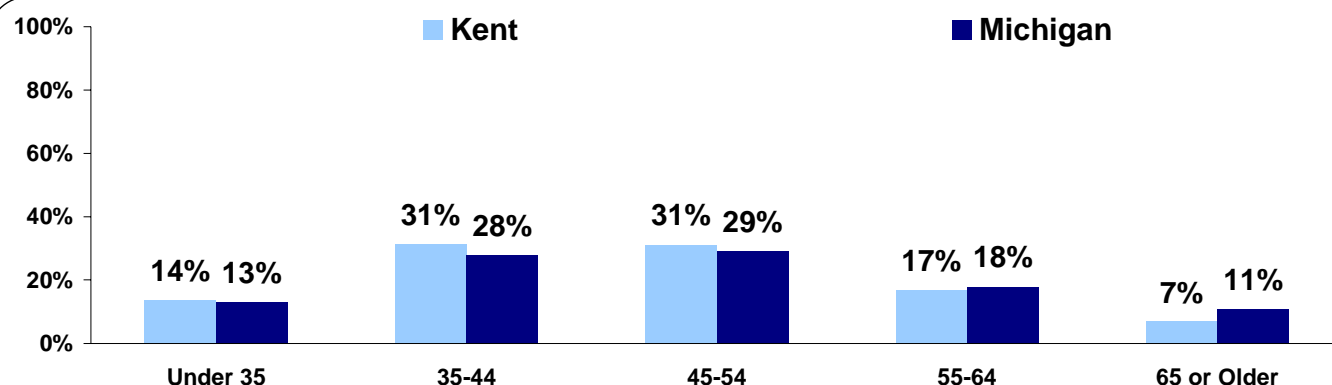
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



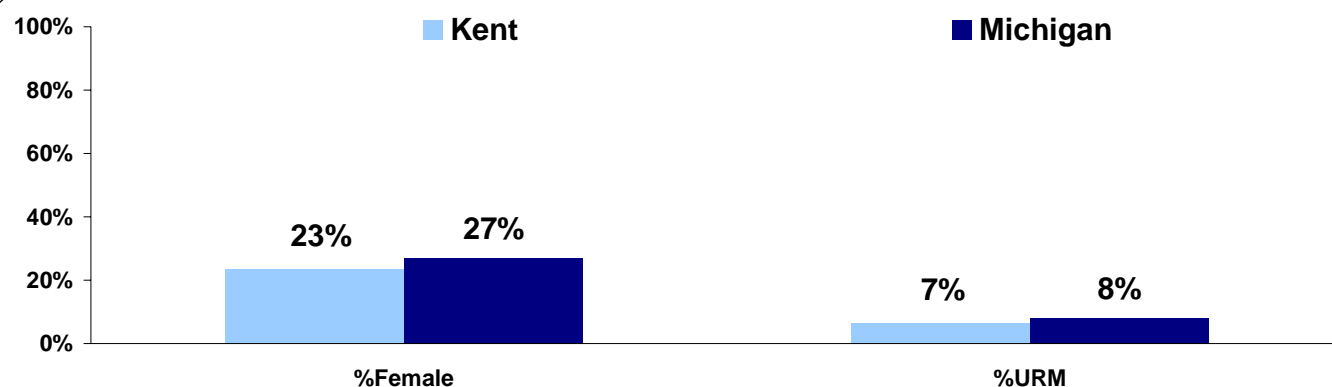
Kent

Population		Kent 602,121	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		519	86.2	86.8
	Family Practice	229	38.0	38.6
	Internal Medicine (General)	186	30.9	33.7
	Pediatrics (General)	104	17.3	14.5
Ob/Gyn		102	16.9	13.2
	Obstetrics & Gynecology	96	15.9	12.6
	Gynecology (Only)	6	1.0	0.6
IM Specialties		112	18.6	21.3
	Cardiology	26	4.3	5.9
	Endocrinology & Metabolism	4	0.7	1.0
	Gastroenterology	18	3.0	2.6
	Geriatrics	4	0.7	0.7
	Infectious Disease	5	0.8	1.3
	Medical Oncology	9	1.5	1.8
	Nephrology	8	1.3	2.0
	Pulmonary Disease	15	2.5	2.3
	Rheumatology	6	1.0	1.2
	Other Internal Medicine	17	2.8	2.5
Surgery (General)		52	8.6	8.6
Surgery Specialties		225	37.4	24.6
	Neurosurgery	14	2.3	1.4
	Ophthalmology	41	6.8	5.8
	Orthopedics	59	9.8	6.2
	Otolaryngology	20	3.3	2.5
	Plastic Surgery	23	3.8	1.7
	Thoracic Surgery	8	1.3	1.4
	Urology	26	4.3	3.0
	Other Surgery Specialties	34	5.6	2.7
Facility Based		204	33.9	26.3
	Anesthesiology	97	16.1	9.6
	Pathology	29	4.8	5.0
	Radiology	78	13.0	11.8
Psychiatrists		64	10.6	12.2
	Psychiatry - Adult	55	9.1	10.3
	Psychiatry - Child & Adolescent	9	1.5	1.9
Other		236	39.2	29.9
	Allergy & Immunology	10	1.7	1.5
	Dermatology	14	2.3	2.9
	Emergency Medicine	90	14.9	10.8
	Neurology	21	3.5	3.9
	Pediatrics Subspecialties	57	9.5	4.5
	Physical Medicine & Rehab	19	3.2	3.0
	Prev Med/Occ Med/Public Hlth	12	2.0	1.7
	Other	13	2.2	1.7
Total Physicians		1,584	263.1	234.0

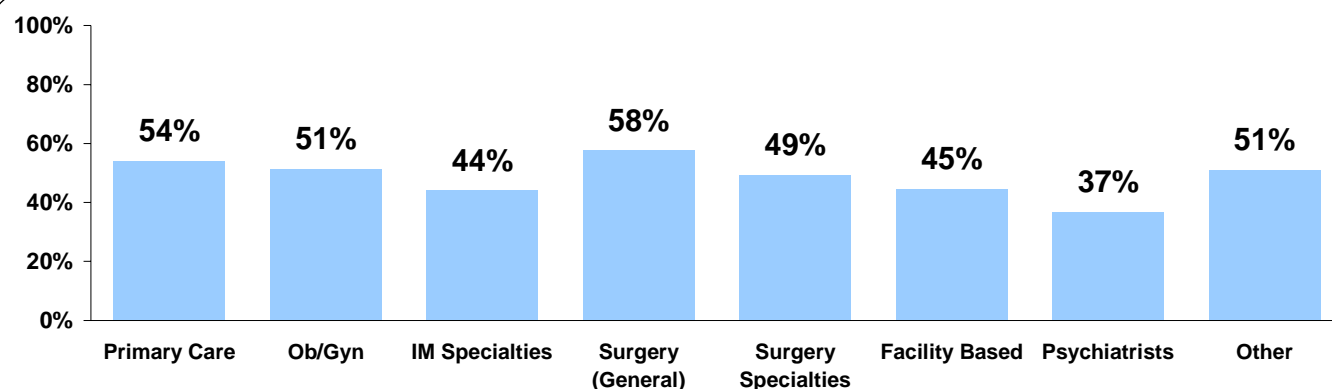
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



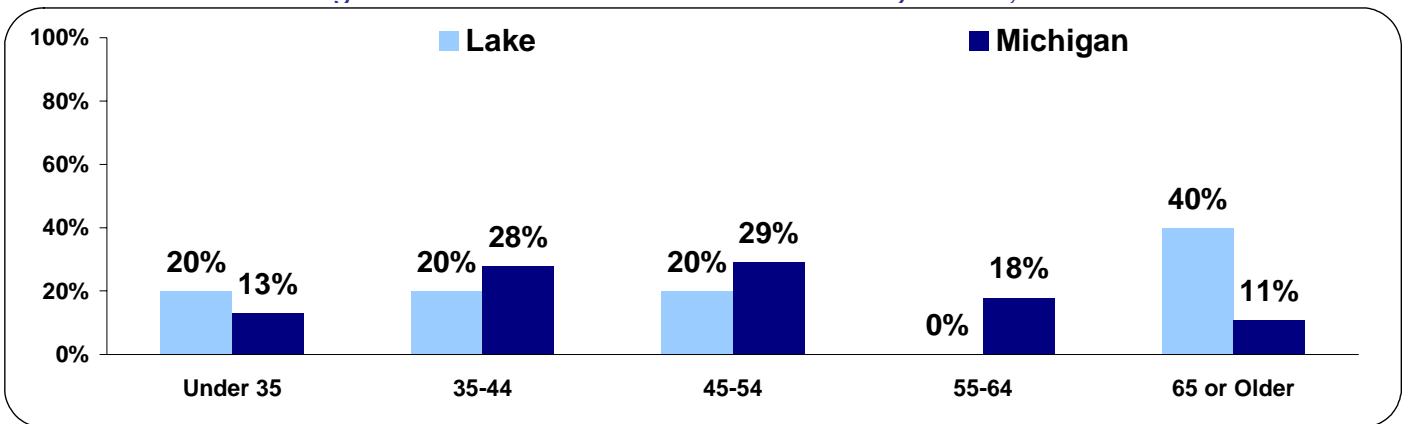
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



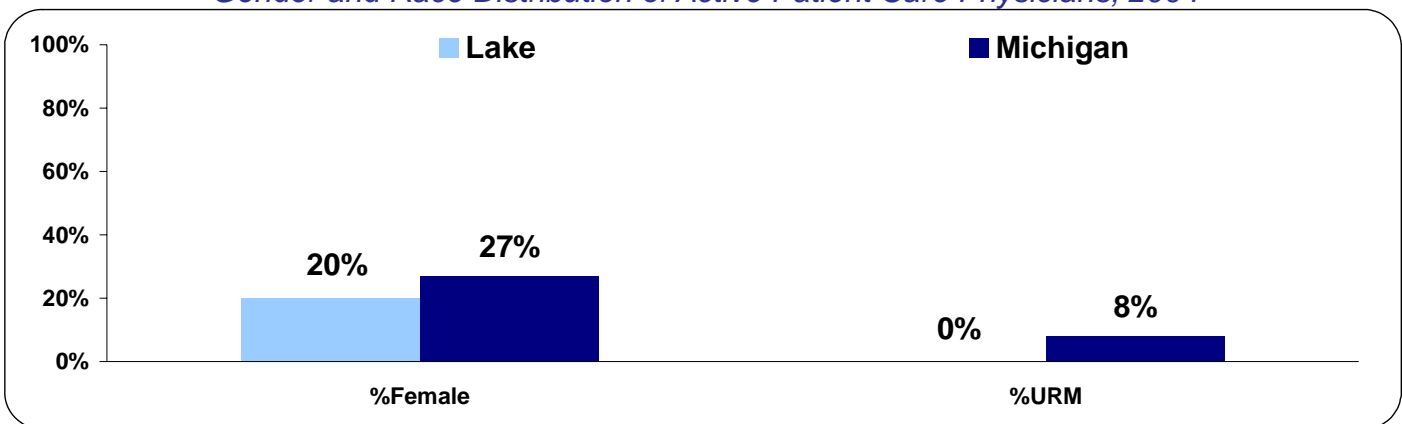
Lake

Population		Lake 11,790	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		4	33.9	86.8
	Family Practice	3	25.4	38.6
	Internal Medicine (General)	1	8.5	33.7
	Pediatrics (General)	0	0.0	14.5
Ob/Gyn		0	0.0	13.2
	Obstetrics & Gynecology	0	0.0	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		0	0.0	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		0	0.0	8.6
Surgery Specialties		0	0.0	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	0	0.0	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		0	0.0	26.3
	Anesthesiology	0	0.0	9.6
	Pathology	0	0.0	5.0
	Radiology	0	0.0	11.8
Psychiatrists		0	0.0	12.2
	Psychiatry - Adult	0	0.0	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		1	8.5	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	0	0.0	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	1	8.5	1.7
	Other	0	0.0	1.7
Total Physicians		5	40.1	234.0

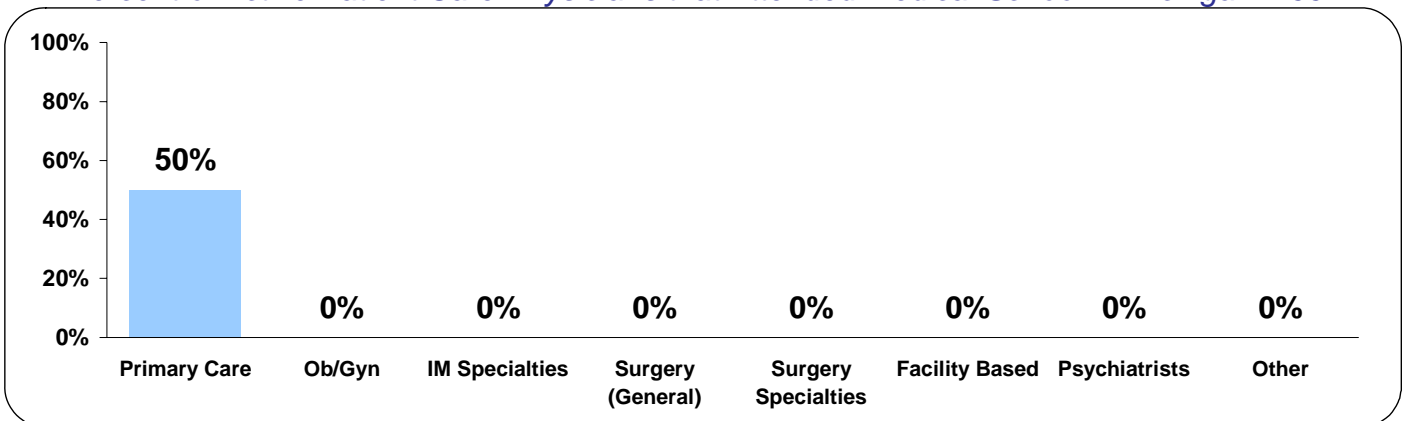
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

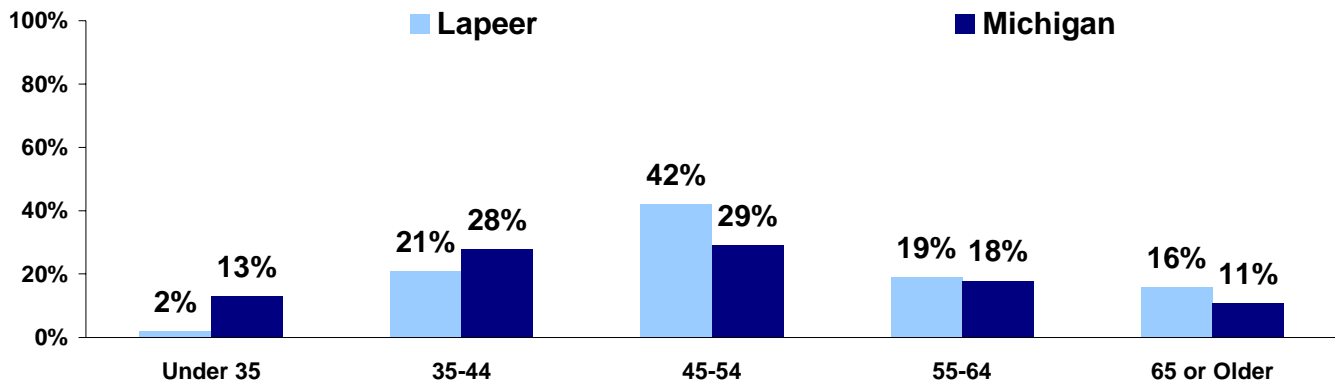


Lapeer

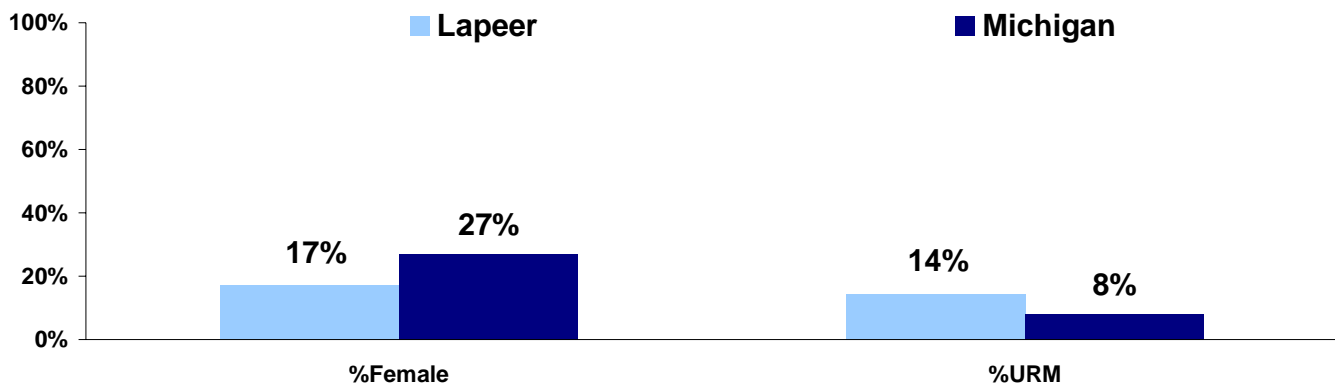
Population		<u>Lapeer</u> 92,029	<u>Michigan</u> 10,158,867
		#	#/100k Pop
Primary Care		50	54.3
	Family Practice	36	39.1
	Internal Medicine (General)	10	10.9
	Pediatrics (General)	4	4.3
Ob/Gyn		6	6.5
	Obstetrics & Gynecology	6	6.5
	Gynecology (Only)	0	0.0
IM Specialties		10	10.9
	Cardiology	6	6.5
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	1	1.1
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	2	2.2
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	1	1.1
	Other Internal Medicine	0	0.0
Surgery (General)		2	2.2
Surgery Specialties		8	8.7
	Neurosurgery	0	0.0
	Ophthalmology	2	2.2
	Orthopedics	5	5.4
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	1	1.1
	Other Surgery Specialties	0	0.0
Facility Based		10	10.9
	Anesthesiology	4	4.3
	Pathology	0	0.0
	Radiology	6	6.5
Psychiatrists		4	4.3
	Psychiatry - Adult	4	4.3
	Psychiatry - Child & Adolescent	0	0.0
Other		10	10.9
	Allergy & Immunology	0	0.0
	Dermatology	2	2.2
	Emergency Medicine	4	4.3
	Neurology	2	2.2
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	1	1.1
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	1	1.1
Total Physicians		100	108.7

Lapeer

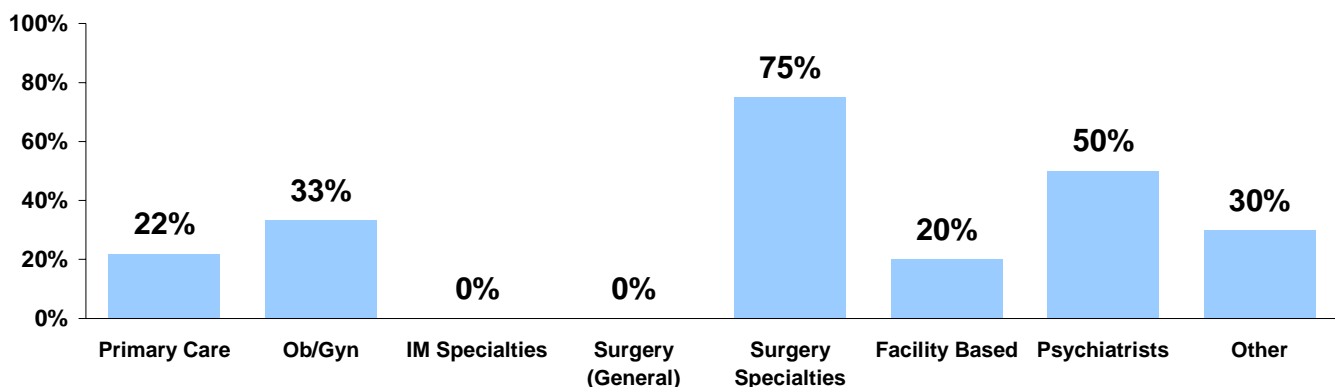
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

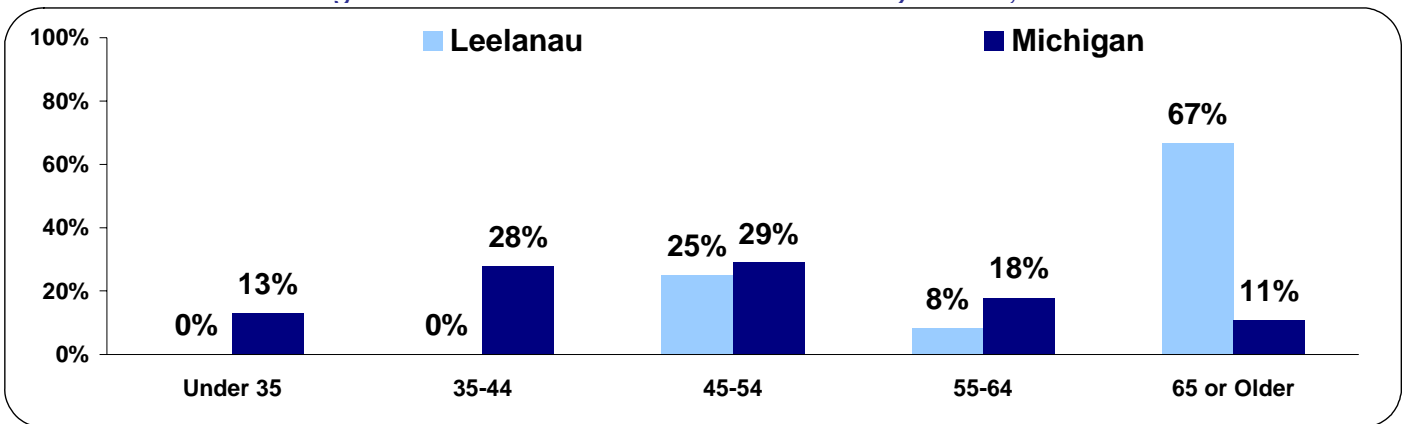


Leelanau

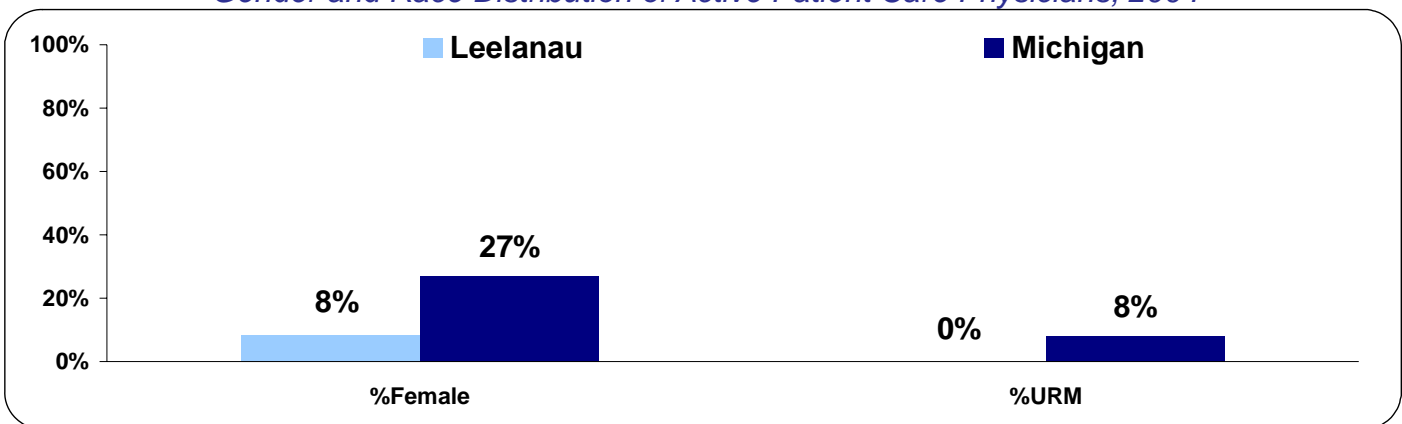
Population		Leelanau 22,232	Michigan 10,158,867
		#	#/100k Pop
Primary Care		5	22.5
	Family Practice	5	22.5
	Internal Medicine (General)	0	0.0
	Pediatrics (General)	0	0.0
Ob/Gyn		1	4.5
	Obstetrics & Gynecology	1	4.5
	Gynecology (Only)	0	0.0
IM Specialties		1	4.5
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	1	4.5
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		0	0.0
Surgery Specialties		2	9.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	1	4.5
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	1	4.5
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		1	4.5
	Psychiatry - Adult	1	4.5
	Psychiatry - Child & Adolescent	0	0.0
Other		1	4.5
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	1	4.5
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		12	54.0

Leelanau

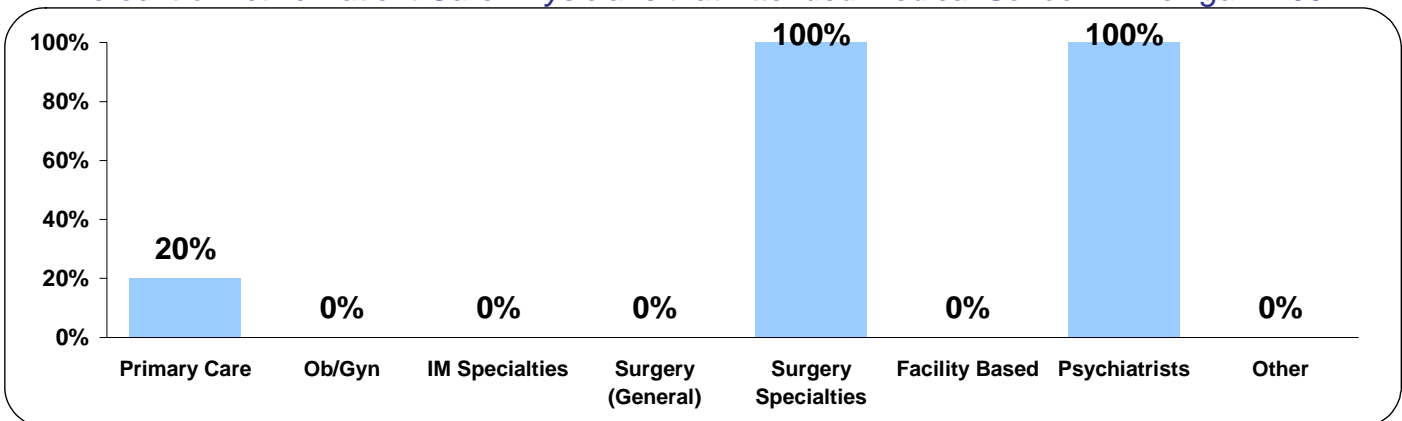
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

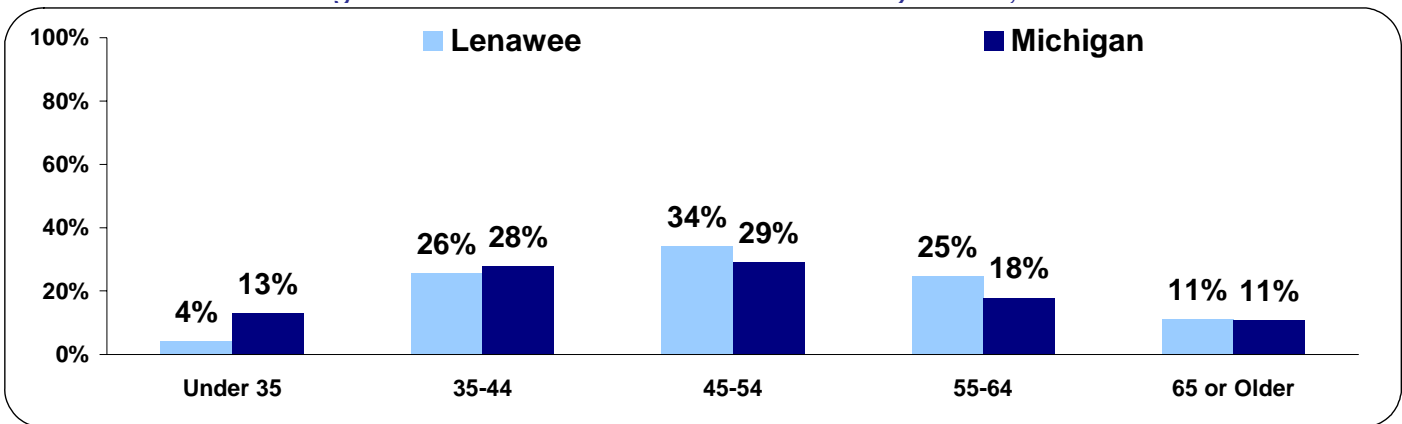


Lenawee

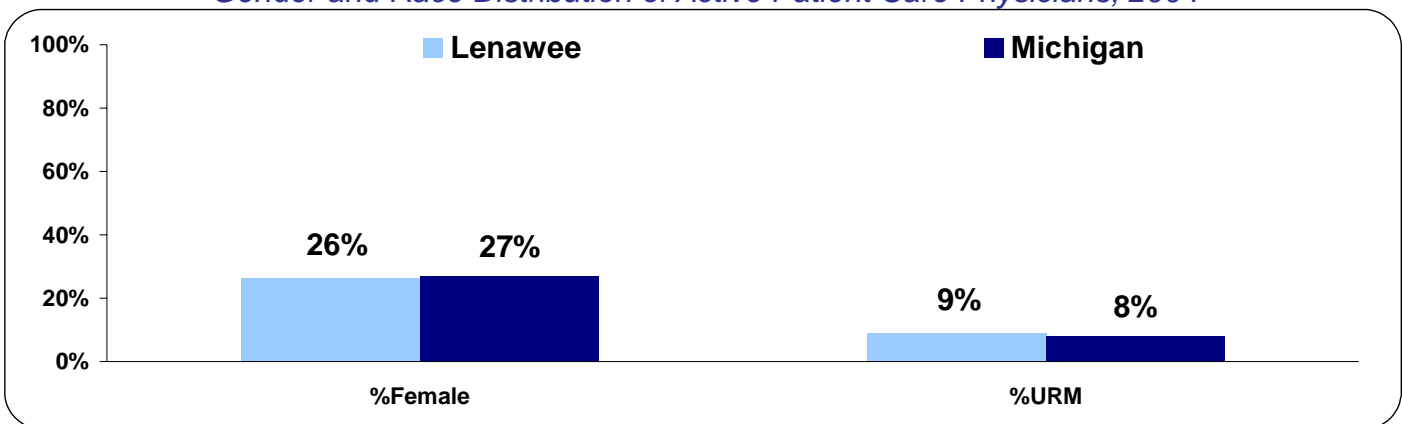
Population		Lenawee 101,108	Michigan 10,158,867
		#	#/100k Pop
Primary Care		46	45.5
	Family Practice	22	21.8
	Internal Medicine (General)	18	17.8
	Pediatrics (General)	6	5.9
Ob/Gyn		6	5.9
	Obstetrics & Gynecology	5	4.9
	Gynecology (Only)	1	1.0
IM Specialties		7	6.9
	Cardiology	3	3.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	1	1.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	1	1.0
	Nephrology	1	1.0
	Pulmonary Disease	1	1.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		8	7.9
Surgery Specialties		10	9.9
	Neurosurgery	0	0.0
	Ophthalmology	3	3.0
	Orthopedics	5	4.9
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	2	2.0
	Other Surgery Specialties	0	0.0
Facility Based		17	16.8
	Anesthesiology	8	7.9
	Pathology	2	2.0
	Radiology	7	6.9
Psychiatrists		7	6.9
	Psychiatry - Adult	7	6.9
	Psychiatry - Child & Adolescent	0	0.0
Other		15	14.8
	Allergy & Immunology	0	0.0
	Dermatology	1	1.0
	Emergency Medicine	5	4.9
	Neurology	3	3.0
	Pediatrics Subspecialties	4	4.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	2	2.0
	Other	0	0.0
Total Physicians		117	115.3

Lenawee

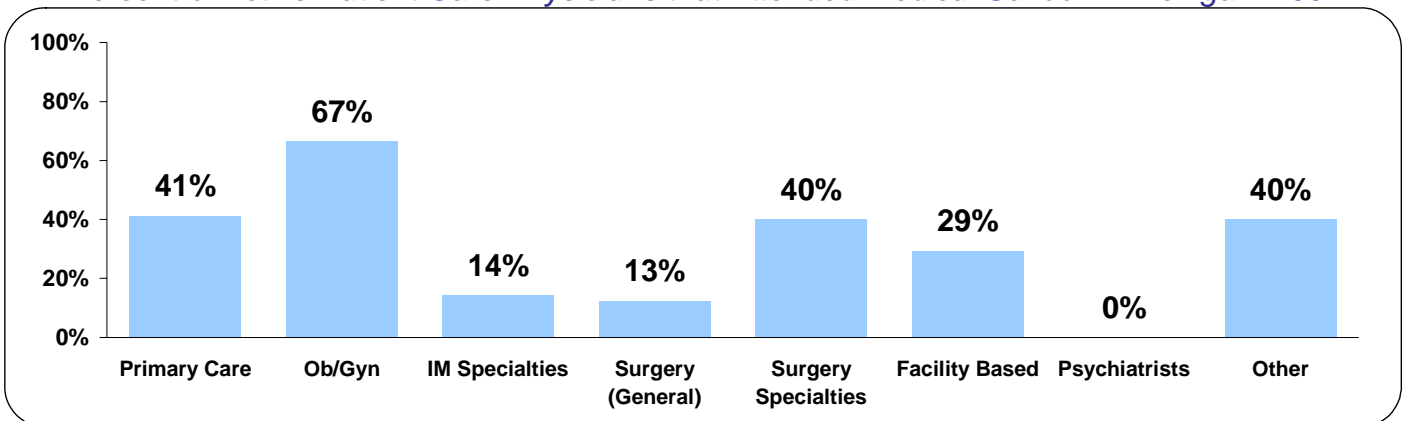
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

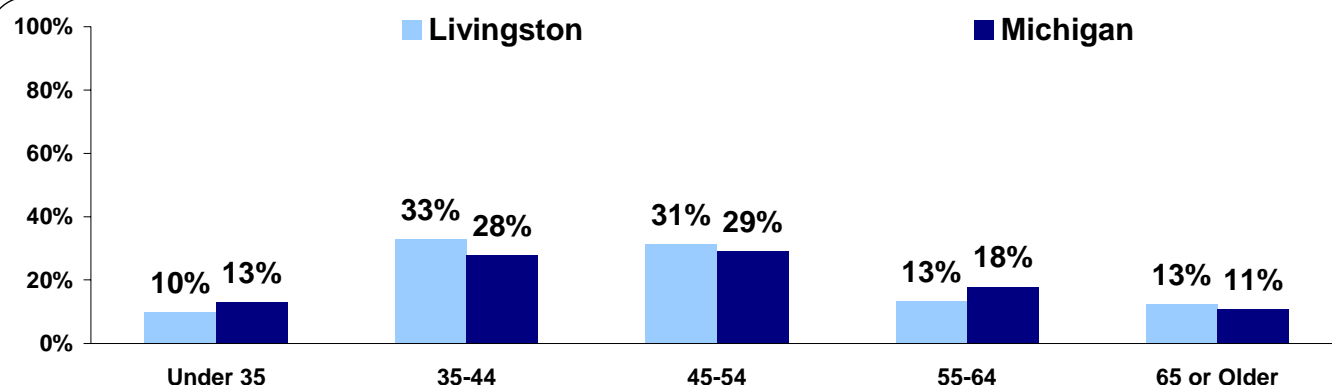


Livingston

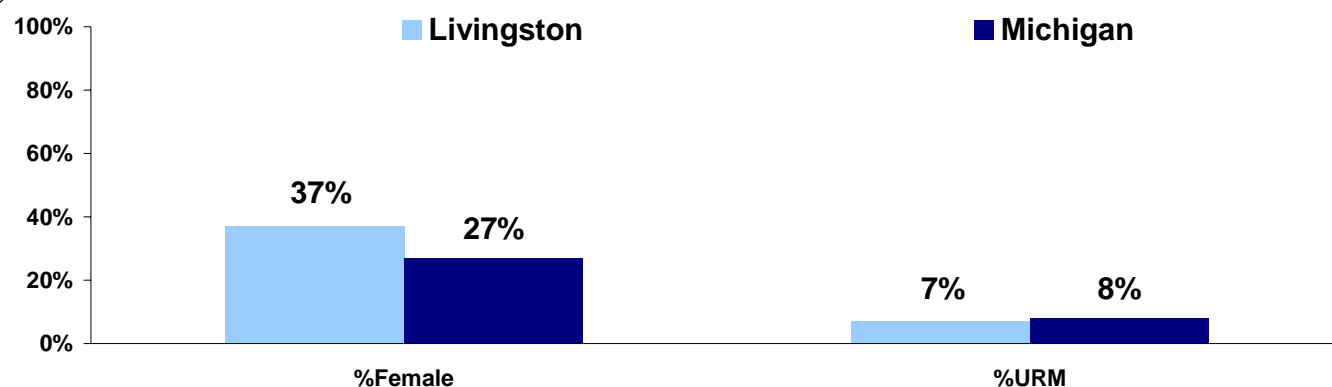
Population		<u>Livingston</u> 180,335	<u>Michigan</u> 10,158,867
		<u>#</u>	<u>#/100k Pop</u>
Primary Care		77	42.7
	Family Practice	38	21.1
	Internal Medicine (General)	23	12.8
	Pediatrics (General)	16	8.9
Ob/Gyn		14	7.8
	Obstetrics & Gynecology	14	7.8
	Gynecology (Only)	0	0.0
IM Specialties		5	2.8
	Cardiology	1	0.6
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	2	1.1
	Rheumatology	2	1.1
	Other Internal Medicine	0	0.0
Surgery (General)		6	3.3
Surgery Specialties		10	5.5
	Neurosurgery	0	0.0
	Ophthalmology	3	1.7
	Orthopedics	4	2.2
	Otolaryngology	2	1.1
	Plastic Surgery	1	0.6
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		6	3.3
	Anesthesiology	1	0.6
	Pathology	0	0.0
	Radiology	5	2.8
Psychiatrists		7	3.9
	Psychiatry - Adult	4	2.2
	Psychiatry - Child & Adolescent	3	1.7
Other		16	8.9
	Allergy & Immunology	1	0.6
	Dermatology	2	1.1
	Emergency Medicine	8	4.4
	Neurology	1	0.6
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	2	1.1
	Prev Med/Occ Med/Public Hlth	2	1.1
	Other	0	0.0
Total Physicians		142	79.0

Livingston

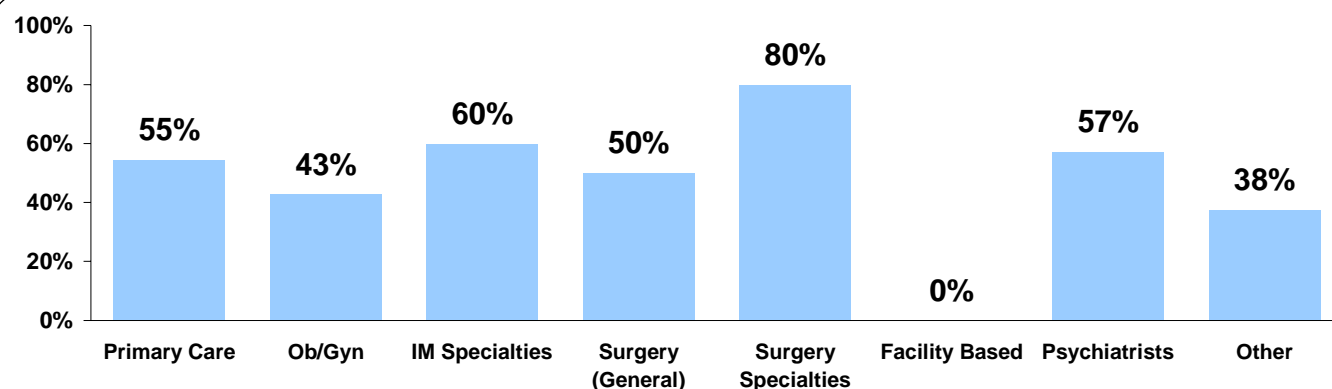
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



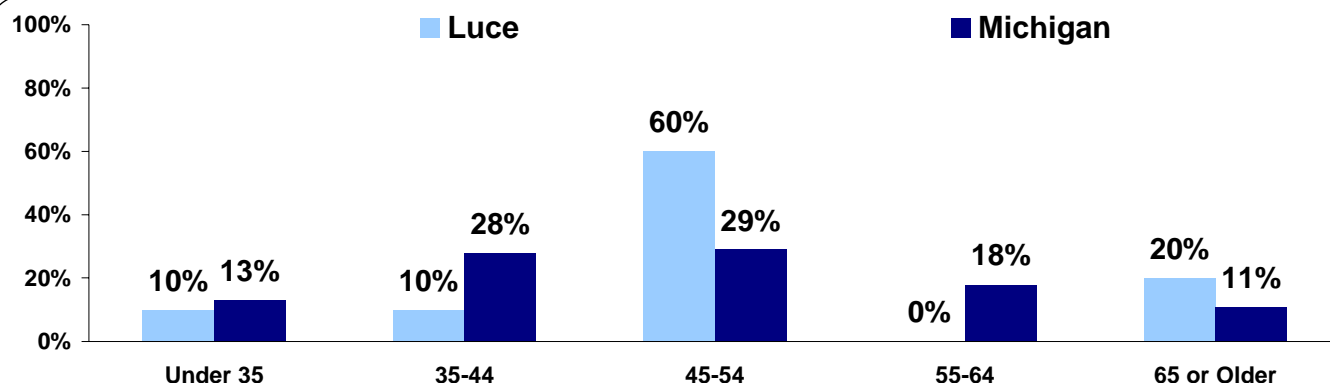
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



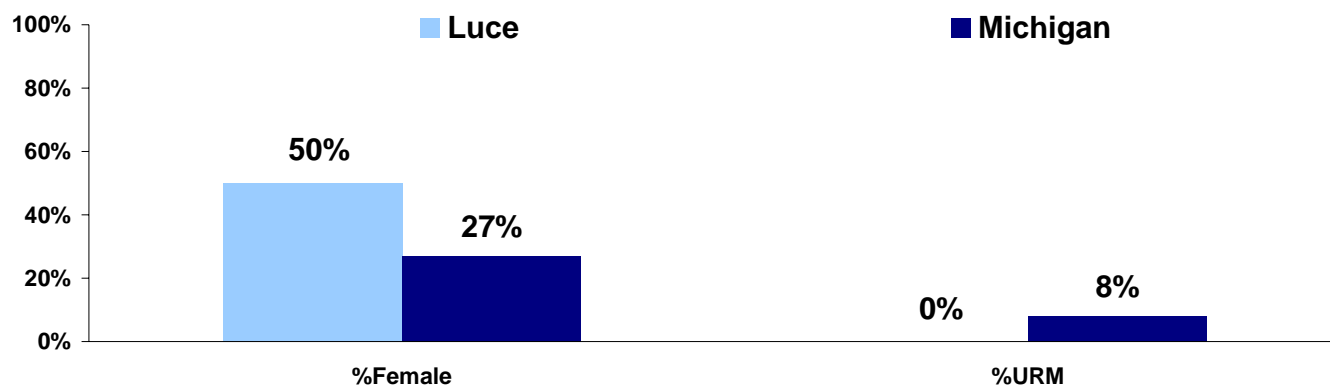
Luce

Population		Luce 6,792	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		7	103.1	86.8
	Family Practice	4	58.9	38.6
	Internal Medicine (General)	3	44.2	33.7
	Pediatrics (General)	0	0.0	14.5
Ob/Gyn		0	0.0	13.2
	Obstetrics & Gynecology	0	0.0	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		0	0.0	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
	Surgery (General)	1	14.7	8.6
Surgery Specialties		0	0.0	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	0	0.0	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
	Facility Based		1	14.7
Anesthesiology		0	0.0	9.6
Pathology		0	0.0	5.0
Radiology		1	14.7	11.8
Psychiatrists		1	14.7	12.2
	Psychiatry - Adult	1	14.7	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		0	0.0	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	0	0.0	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
	Total Physicians	10	147.2	234.0

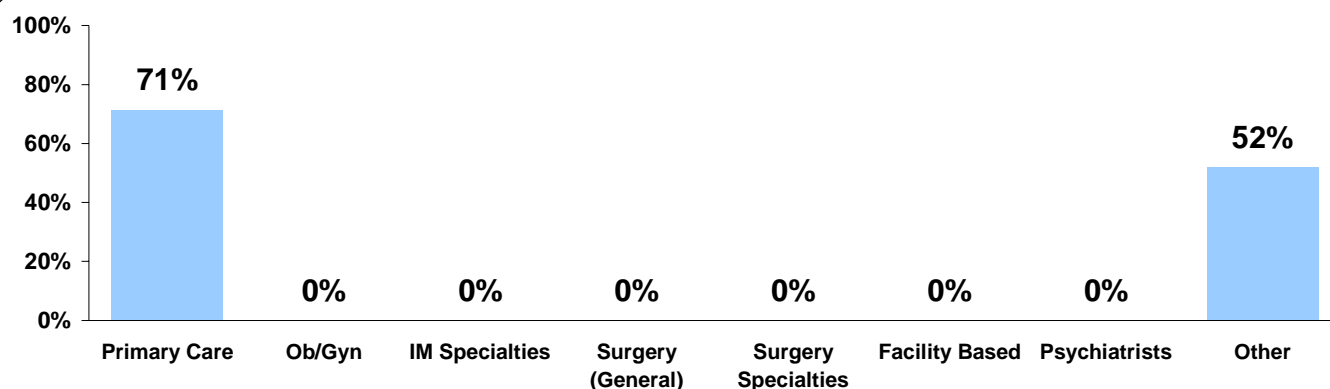
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

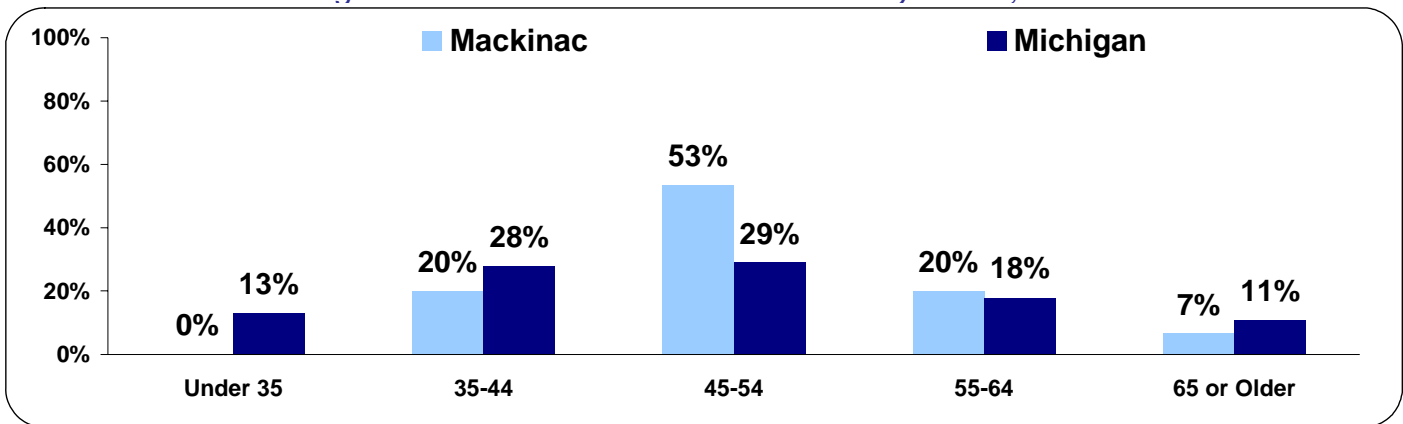


Mackinac

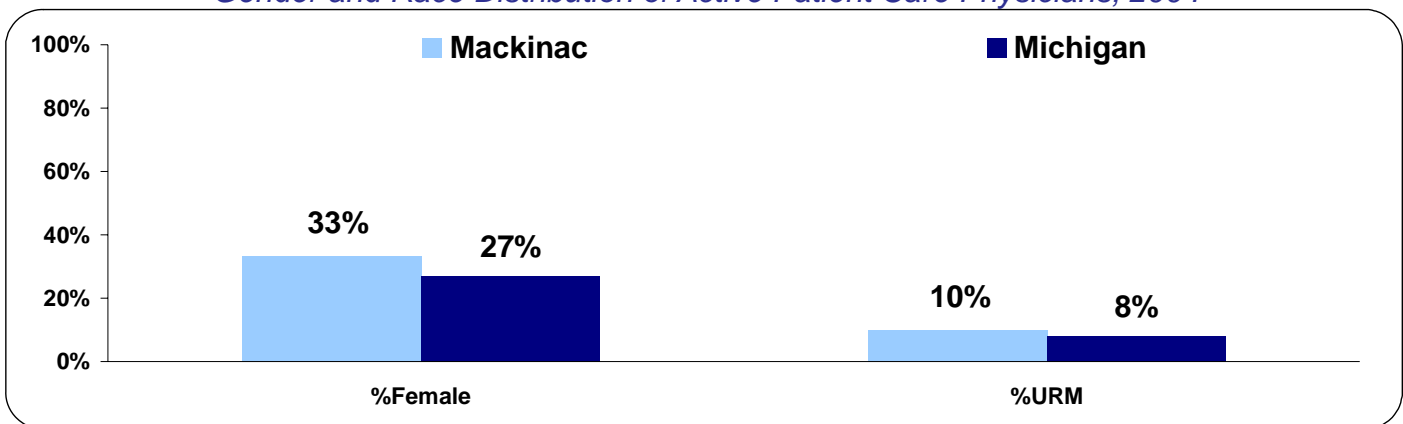
Population		Mackinac	Michigan	
		11,287	10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		13	115.2	86.8
	Family Practice	11	97.5	38.6
	Internal Medicine (General)	0	0.0	33.7
	Pediatrics (General)	2	17.7	14.5
Ob/Gyn		1	8.9	13.2
	Obstetrics & Gynecology	1	8.9	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		1	8.9	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	1	8.9	2.5
Surgery (General)		0	0.0	8.6
Surgery Specialties		0	0.0	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	0	0.0	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		0	0.0	26.3
	Anesthesiology	0	0.0	9.6
	Pathology	0	0.0	5.0
	Radiology	0	0.0	11.8
Psychiatrists		0	0.0	12.2
	Psychiatry - Adult	0	0.0	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		0	0.0	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	0	0.0	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
Total Physicians		15	130.5	234.0

Mackinac

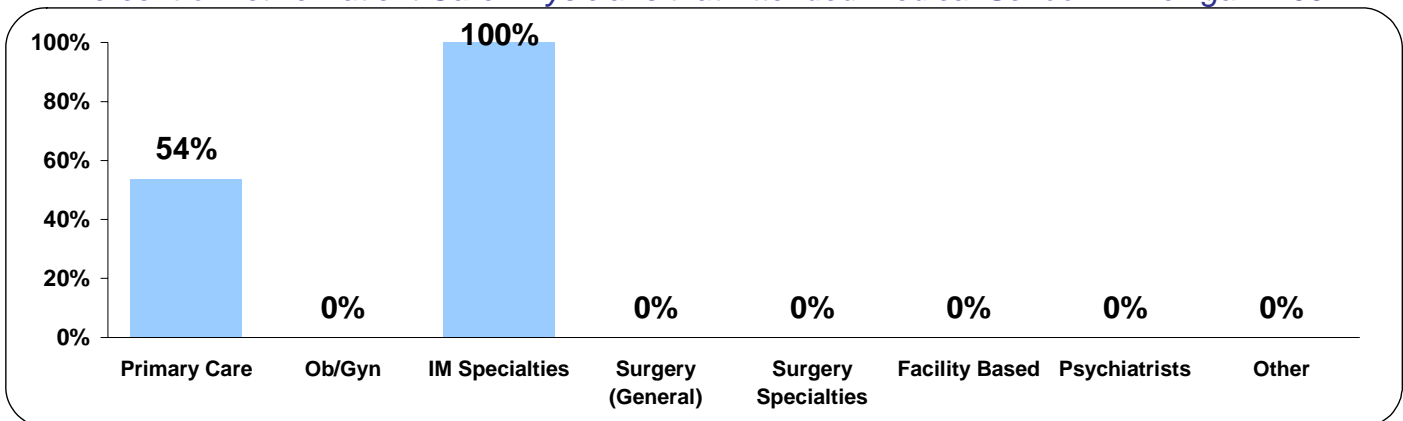
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

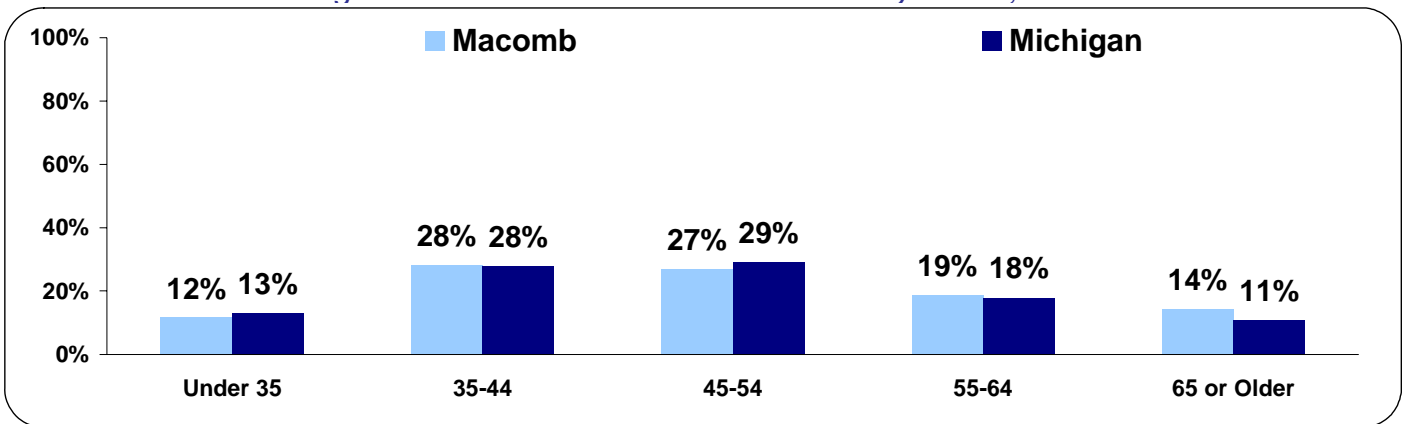


Macomb

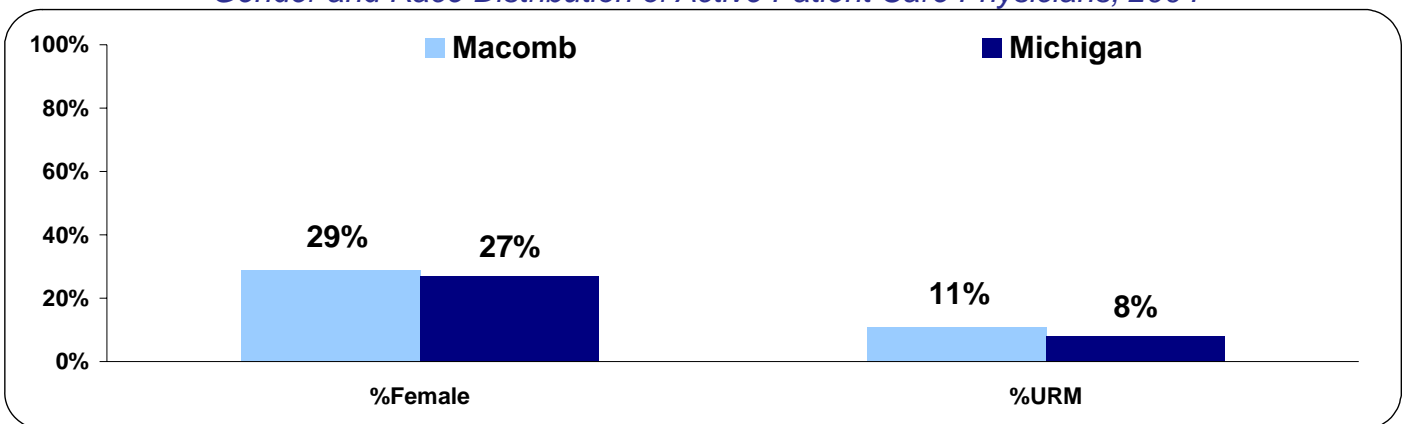
Population		Macomb 829,441	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		682	82.2	86.8
	Family Practice	334	40.3	38.6
	Internal Medicine (General)	233	28.1	33.7
	Pediatrics (General)	115	13.9	14.5
Ob/Gyn		102	12.3	13.2
	Obstetrics & Gynecology	101	12.2	12.6
	Gynecology (Only)	1	0.1	0.6
IM Specialties		173	20.9	21.3
	Cardiology	59	7.1	5.9
	Endocrinology & Metabolism	3	0.4	1.0
	Gastroenterology	30	3.6	2.6
	Geriatrics	5	0.6	0.7
	Infectious Disease	8	1.0	1.3
	Medical Oncology	11	1.3	1.8
	Nephrology	15	1.8	2.0
	Pulmonary Disease	18	2.2	2.3
	Rheumatology	7	0.8	1.2
	Other Internal Medicine	17	2.0	2.5
Surgery (General)		57	6.9	8.6
Surgery Specialties		170	20.5	24.6
	Neurosurgery	5	0.6	1.4
	Ophthalmology	47	5.7	5.8
	Orthopedics	43	5.2	6.2
	Otolaryngology	23	2.8	2.5
	Plastic Surgery	8	1.0	1.7
	Thoracic Surgery	4	0.5	1.4
	Urology	21	2.5	3.0
	Other Surgery Specialties	19	2.3	2.7
Facility Based		93	11.2	26.3
	Anesthesiology	32	3.9	9.6
	Pathology	22	2.7	5.0
	Radiology	39	4.7	11.8
Psychiatrists		53	6.4	12.2
	Psychiatry - Adult	40	4.8	10.3
	Psychiatry - Child & Adolescent	13	1.6	1.9
Other		173	20.9	29.9
	Allergy & Immunology	12	1.4	1.5
	Dermatology	28	3.4	2.9
	Emergency Medicine	45	5.4	10.8
	Neurology	27	3.3	3.9
	Pediatrics Subspecialties	14	1.7	4.5
	Physical Medicine & Rehab	33	4.0	3.0
	Prev Med/Occ Med/Public Hlth	11	1.3	1.7
	Other	3	0.4	1.7
Total Physicians		1,632	196.8	234.0

Macomb

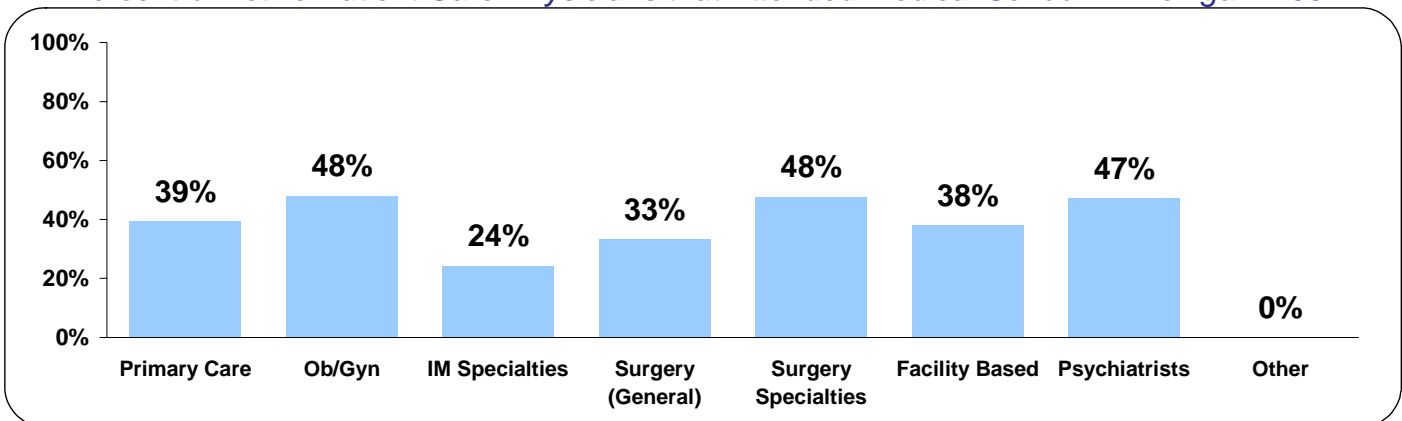
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

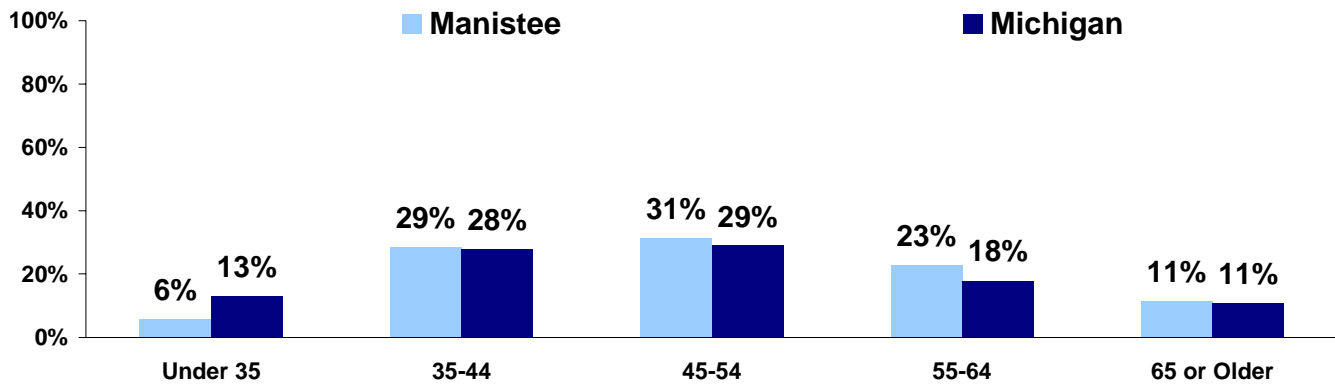


Manistee

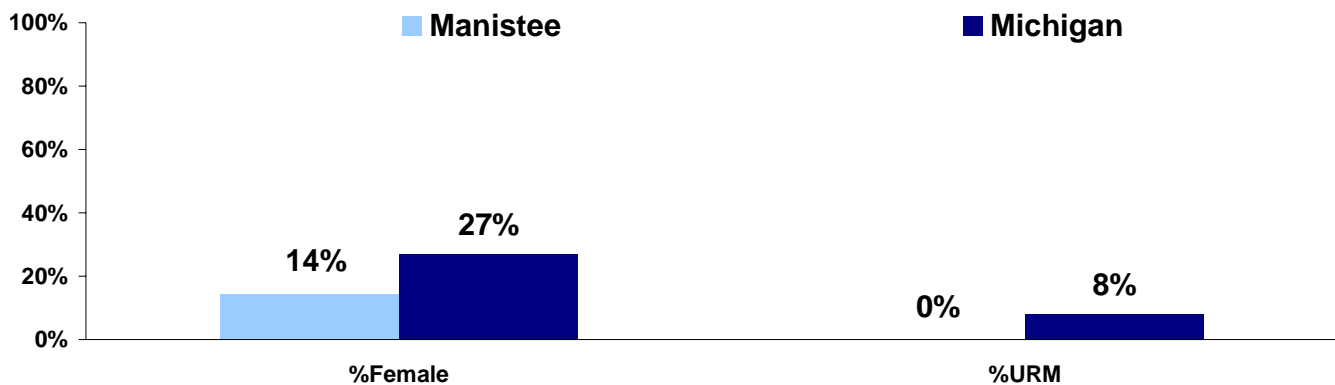
Population		Manistee 25,168	Michigan 10,158,867
		#	#/100k Pop
Primary Care		15	59.6
	Family Practice	10	39.7
	Internal Medicine (General)	3	11.9
	Pediatrics (General)	2	7.9
Ob/Gyn		2	7.9
	Obstetrics & Gynecology	2	7.9
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		4	15.9
Surgery Specialties		4	15.9
	Neurosurgery	0	0.0
	Ophthalmology	1	4.0
	Orthopedics	1	4.0
	Otolaryngology	1	4.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	1	4.0
Facility Based		3	11.9
	Anesthesiology	0	0.0
	Pathology	2	7.9
	Radiology	1	4.0
Psychiatrists		1	4.0
	Psychiatry - Adult	1	4.0
	Psychiatry - Child & Adolescent	0	0.0
Other		5	19.9
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	4	15.9
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	1	4.0
Total Physicians		35	140.9

Manistee

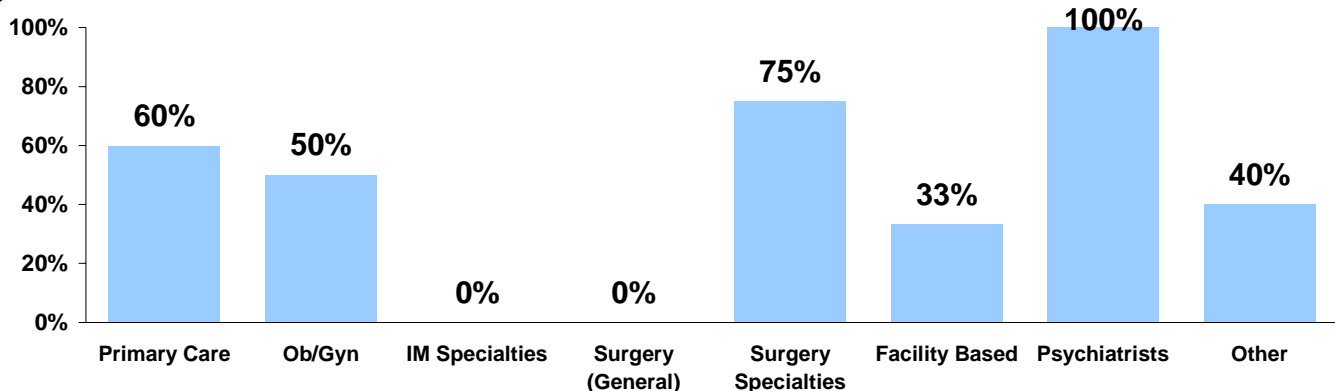
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

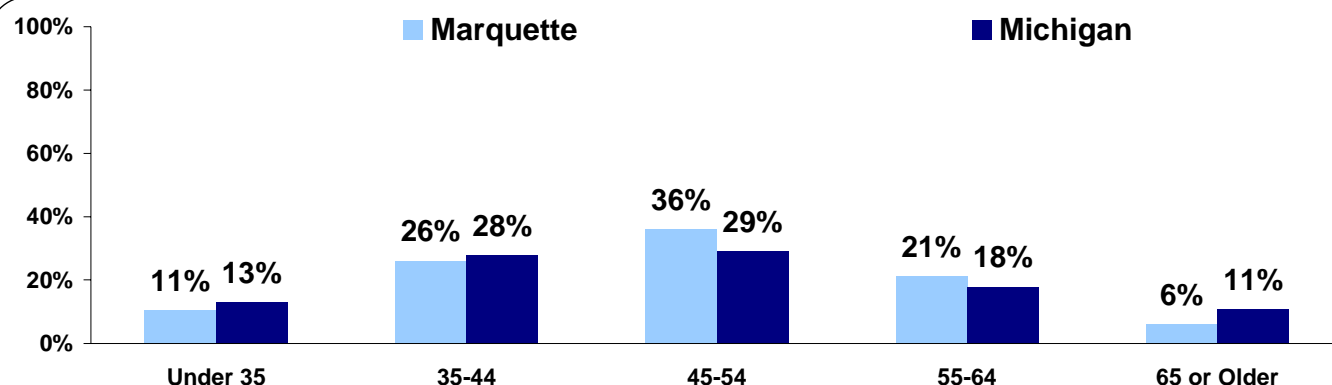


Marquette

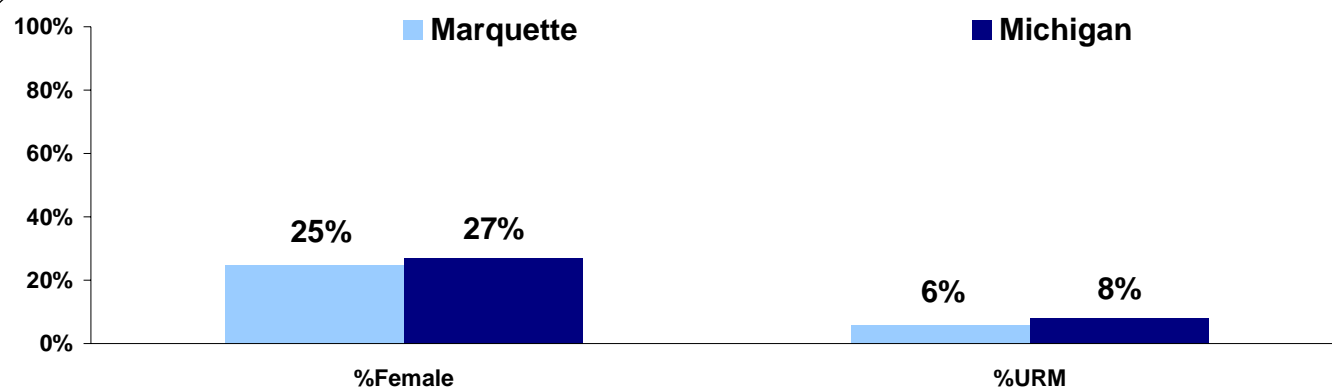
Population		Marquette 64,325	Michigan 10,158,867
		#	#/100k Pop
Primary Care		77	119.7
	Family Practice	47	73.1
	Internal Medicine (General)	19	29.5
	Pediatrics (General)	11	17.1
Ob/Gyn		11	17.1
	Obstetrics & Gynecology	9	14.0
	Gynecology (Only)	2	3.1
IM Specialties		25	38.9
	Cardiology	5	7.8
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	6	9.3
	Geriatrics	0	0.0
	Infectious Disease	3	4.7
	Medical Oncology	2	3.1
	Nephrology	2	3.1
	Pulmonary Disease	3	4.7
	Rheumatology	0	0.0
	Other Internal Medicine	4	6.2
Surgery (General)		6	9.3
Surgery Specialties		28	43.5
	Neurosurgery	3	4.7
	Ophthalmology	6	9.3
	Orthopedics	6	9.3
	Otolaryngology	4	6.2
	Plastic Surgery	2	3.1
	Thoracic Surgery	3	4.7
	Urology	3	4.7
	Other Surgery Specialties	1	1.6
Facility Based		24	37.3
	Anesthesiology	6	9.3
	Pathology	8	12.4
	Radiology	10	15.5
Psychiatrists		11	17.1
	Psychiatry - Adult	9	14.0
	Psychiatry - Child & Adolescent	2	3.1
Other		33	51.3
	Allergy & Immunology	2	3.1
	Dermatology	3	4.7
	Emergency Medicine	9	14.0
	Neurology	5	7.8
	Pediatrics Subspecialties	4	6.2
	Physical Medicine & Rehab	5	7.8
	Prev Med/Occ Med/Public Hlth	3	4.7
	Other	2	3.1
Total Physicians		217	338.1

Marquette

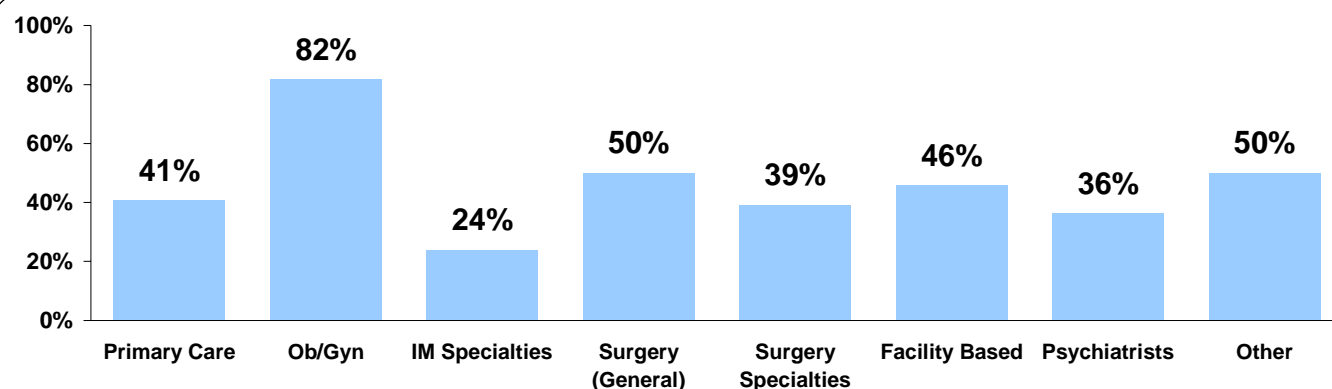
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



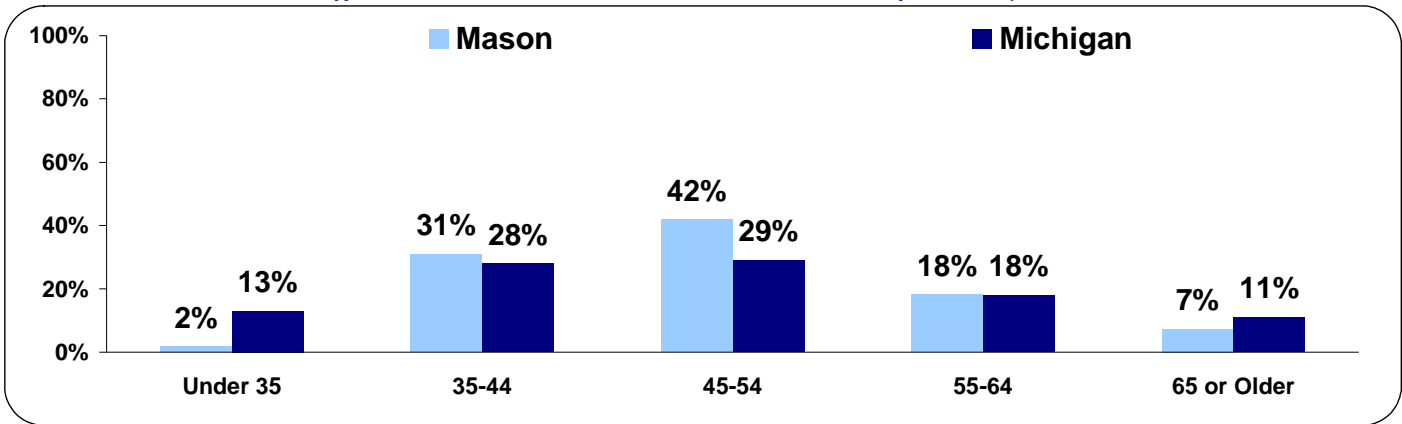
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



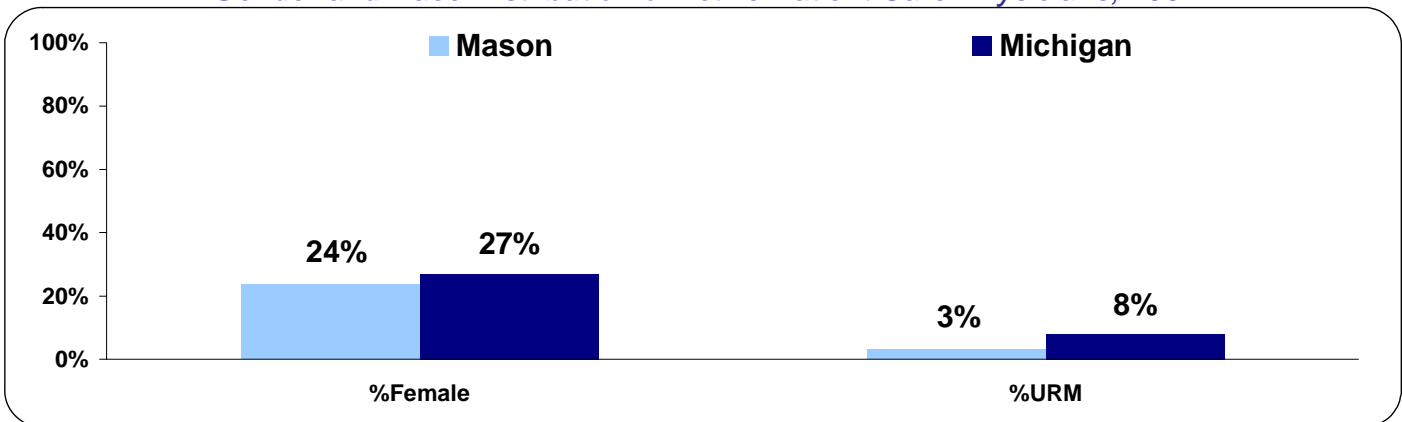
Mason

Population		Mason 28,850	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		18	62.4	86.8
	Family Practice	10	34.7	38.6
	Internal Medicine (General)	6	20.8	33.7
	Pediatrics (General)	2	6.9	14.5
Ob/Gyn		5	17.3	13.2
	Obstetrics & Gynecology	4	13.9	12.6
	Gynecology (Only)	1	3.5	0.6
IM Specialties		3	10.4	21.3
	Cardiology	1	3.5	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	2	6.9	2.5
Surgery (General)		4	13.9	8.6
Surgery Specialties		5	17.3	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	2	6.9	5.8
	Orthopedics	2	6.9	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	1	3.5	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		6	20.8	26.3
	Anesthesiology	1	3.5	9.6
	Pathology	1	3.5	5.0
	Radiology	4	13.9	11.8
Psychiatrists		5	17.3	12.2
	Psychiatry - Adult	3	10.4	10.3
	Psychiatry - Child & Adolescent	2	6.9	1.9
Other		8	27.7	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	6	20.8	10.8
	Neurology	1	3.5	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	1	3.5	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
Total Physicians		55	190.4	234.0

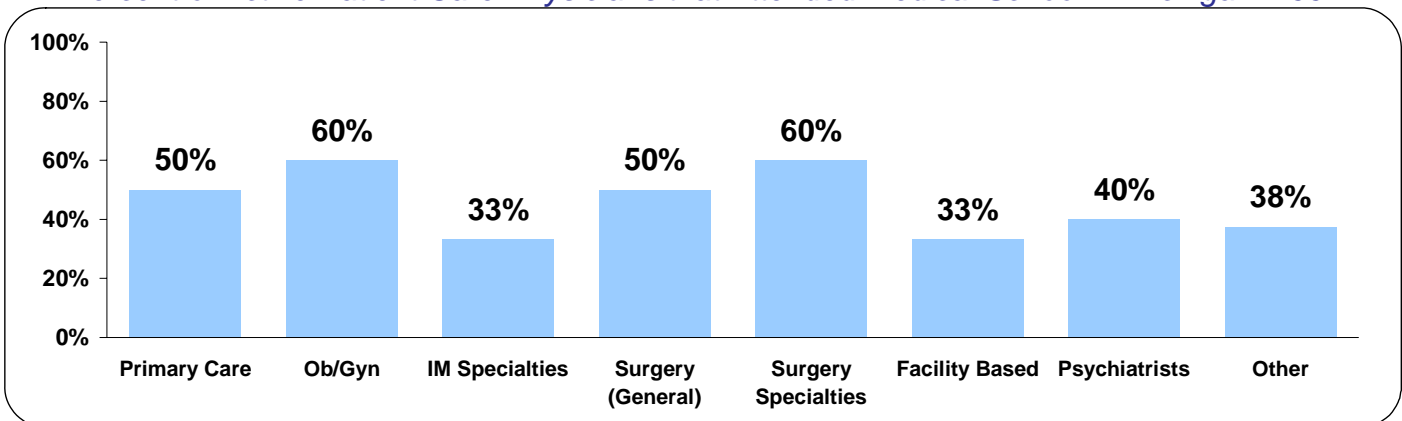
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

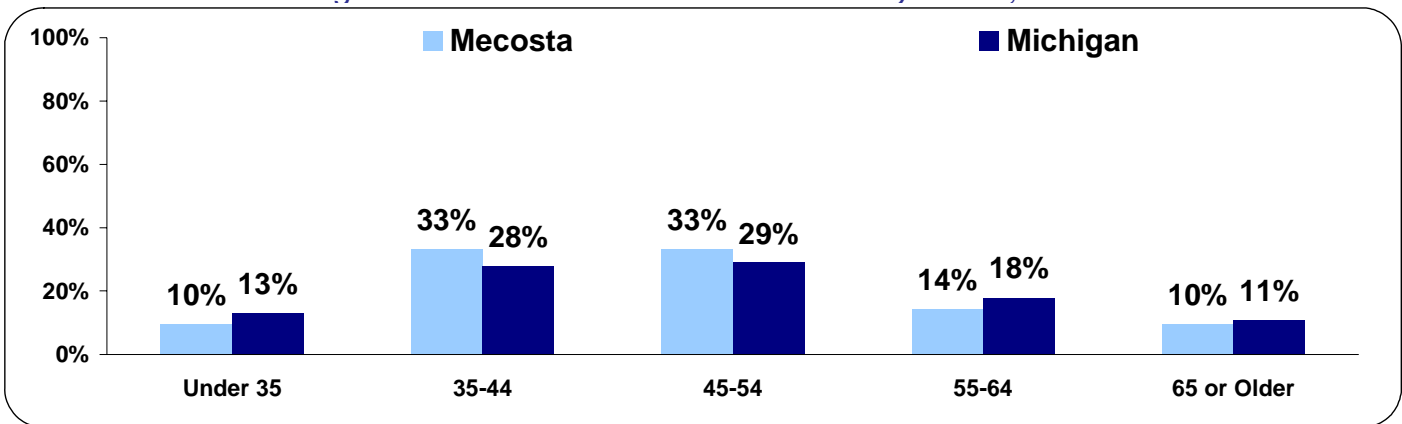


Mecosta

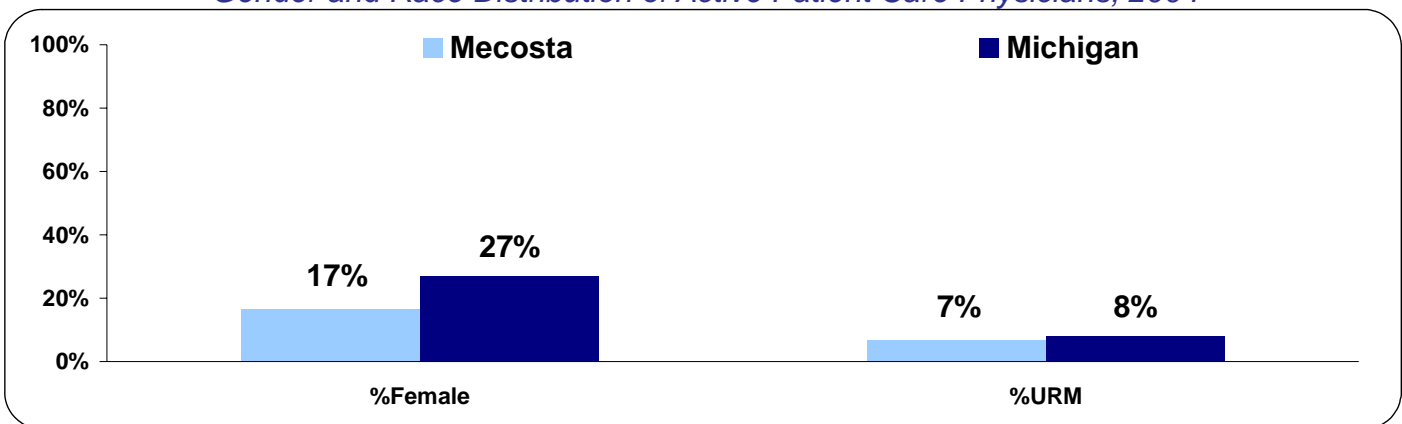
Population		Mecosta 42,068	Michigan 10,158,867
		#	#/100k Pop
Primary Care		24	57.1
	Family Practice	14	33.3
	Internal Medicine (General)	6	14.3
	Pediatrics (General)	4	9.5
Ob/Gyn		4	9.5
	Obstetrics & Gynecology	4	9.5
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		2	4.8
Surgery Specialties		5	11.9
	Neurosurgery	0	0.0
	Ophthalmology	1	2.4
	Orthopedics	3	7.1
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	1	2.4
	Other Surgery Specialties	0	0.0
Facility Based		4	9.5
	Anesthesiology	1	2.4
	Pathology	0	0.0
	Radiology	3	7.1
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		2	4.8
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	1	2.4
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	1	2.4
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		42	99.2

Mecosta

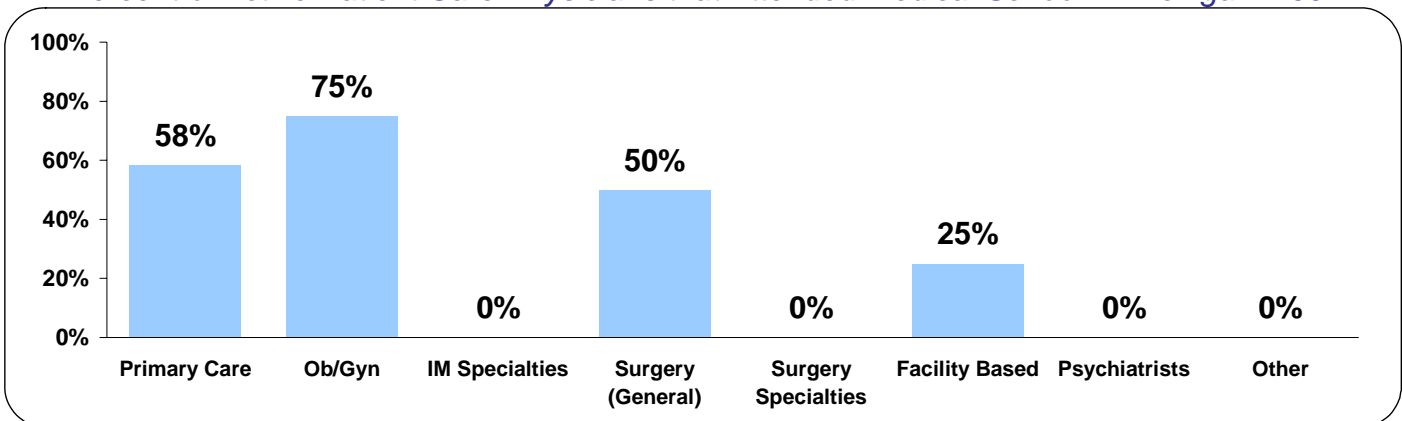
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

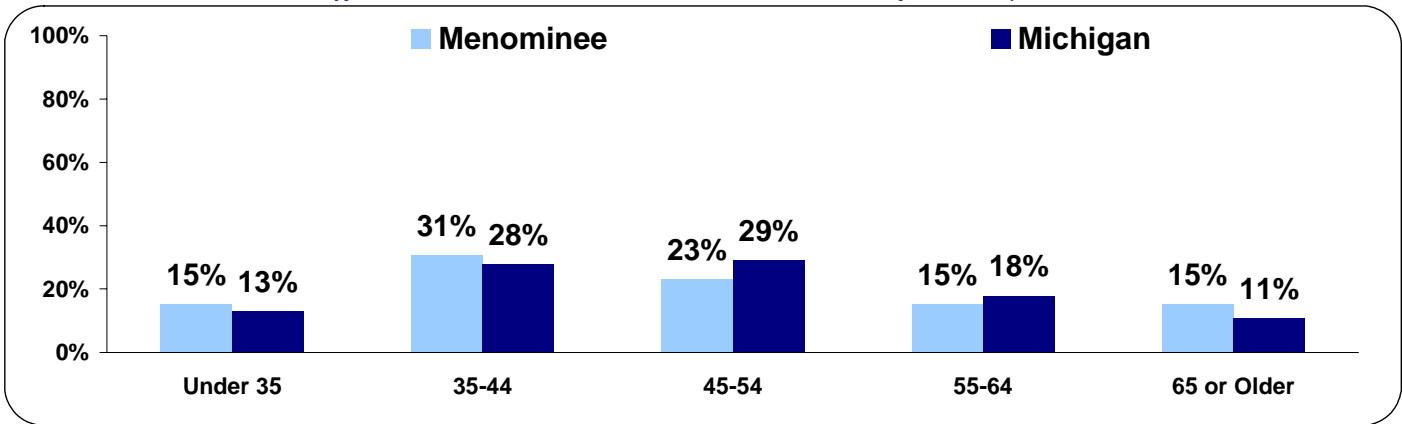


Menominee

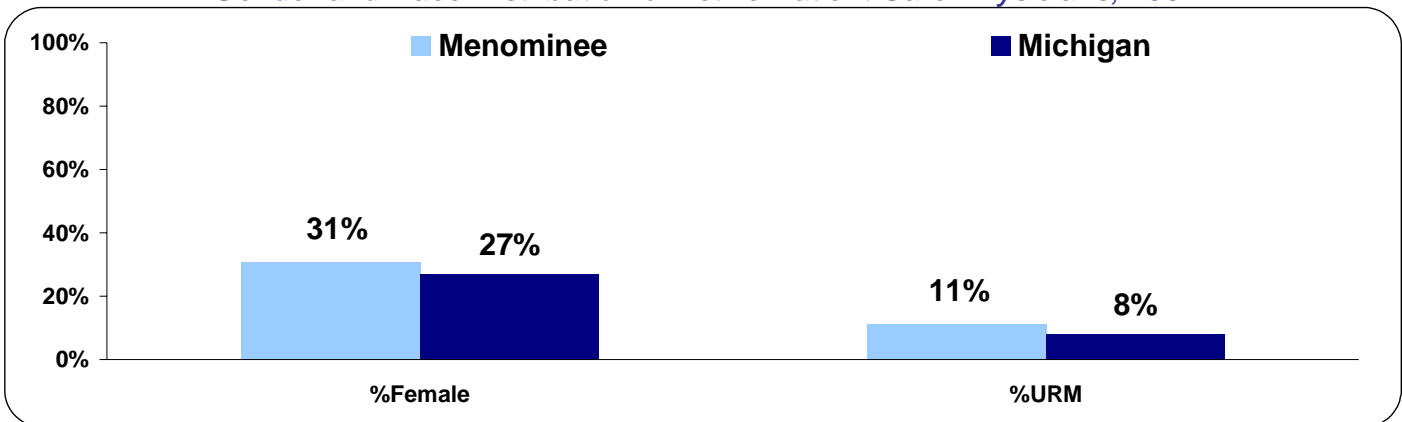
Population		Menominee 24,961		Michigan 10,158,867
		#	#/100k Pop	#/100k Pop
Primary Care		8	32.1	86.8
	Family Practice	6	24.0	38.6
	Internal Medicine (General)	1	4.0	33.7
	Pediatrics (General)	1	4.0	14.5
Ob/Gyn		0	0.0	13.2
	Obstetrics & Gynecology	0	0.0	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		1	4.0	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	1	4.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		0	0.0	8.6
Surgery Specialties		0	0.0	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	0	0.0	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		3	12.0	26.3
	Anesthesiology	0	0.0	9.6
	Pathology	0	0.0	5.0
	Radiology	3	12.0	11.8
Psychiatrists		1	4.0	12.2
	Psychiatry - Adult	1	4.0	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		0	0.0	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	0	0.0	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
Total Physicians		13	51.0	234.0

Menominee

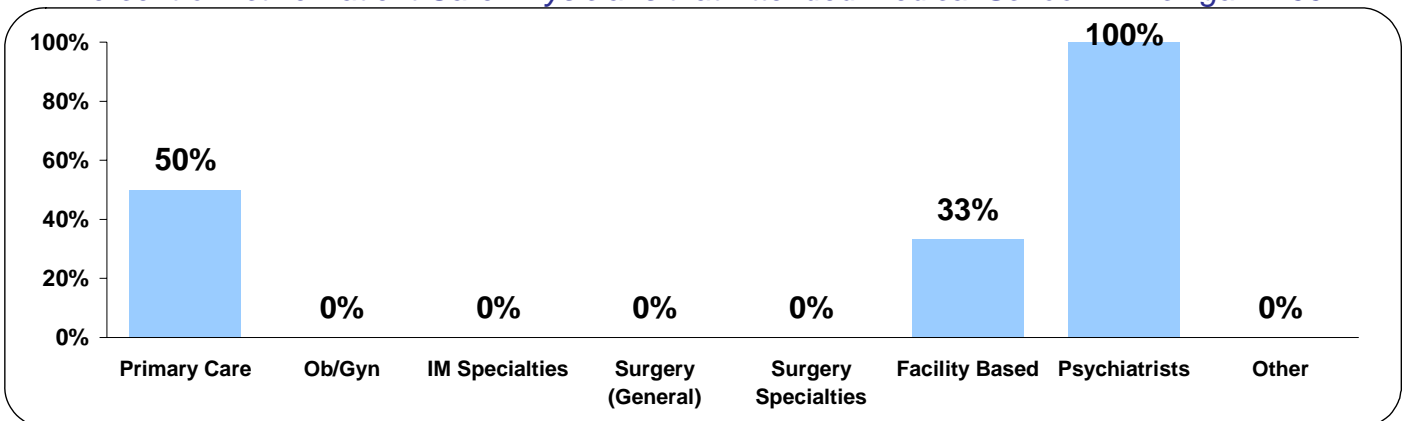
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

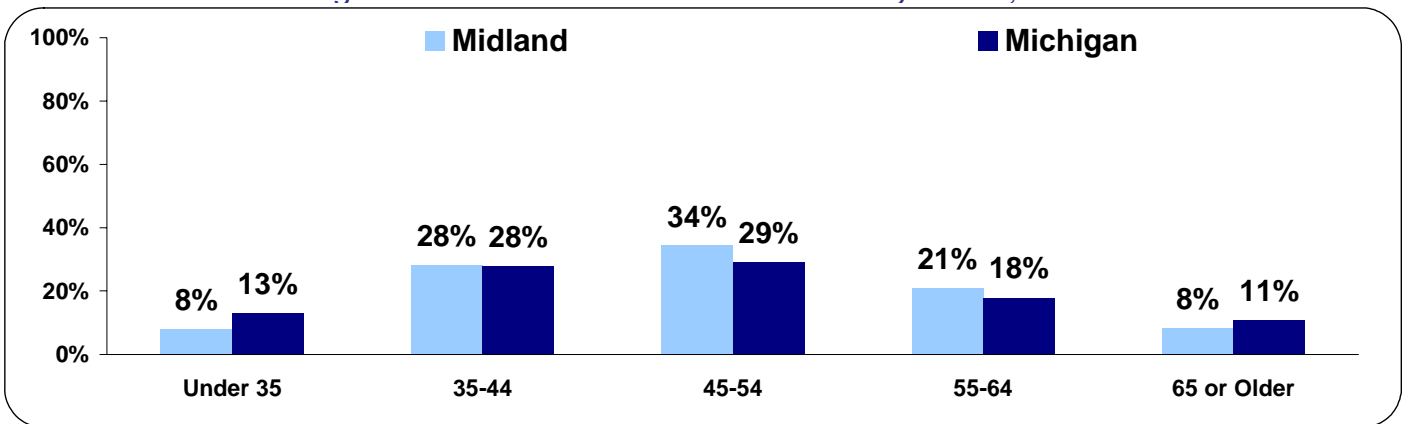


Midland

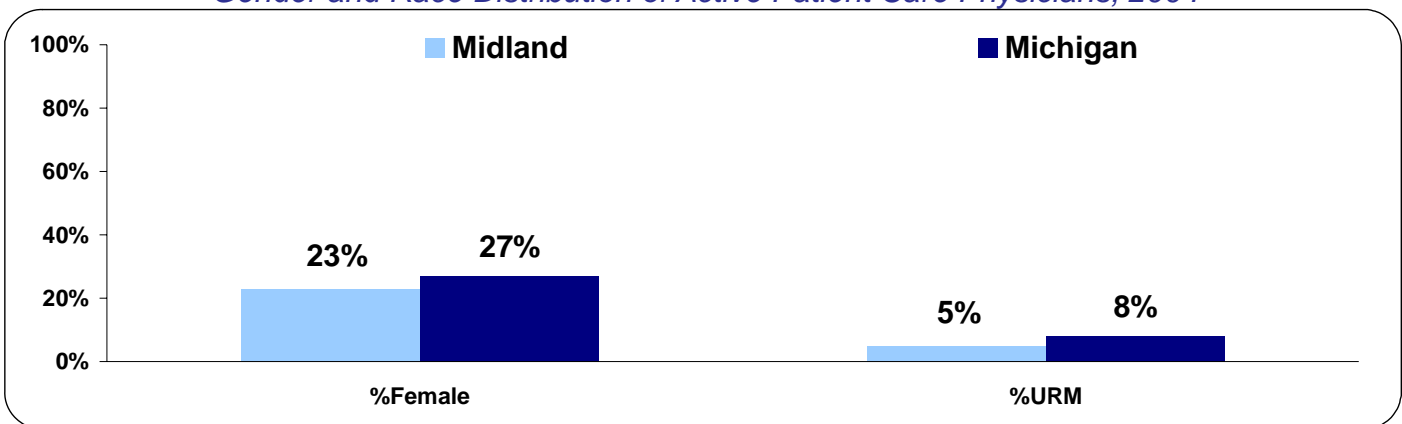
Population		Midland 84,175	Michigan 10,158,867
		#	#/100k Pop
Primary Care		76	90.3
	Family Practice	53	63.0
	Internal Medicine (General)	16	19.0
	Pediatrics (General)	7	8.3
Ob/Gyn		11	13.1
	Obstetrics & Gynecology	11	13.1
	Gynecology (Only)	0	0.0
IM Specialties		8	9.5
	Cardiology	3	3.6
	Endocrinology & Metabolism	1	1.2
	Gastroenterology	2	2.4
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	1	1.2
	Rheumatology	1	1.2
	Other Internal Medicine	0	0.0
Surgery (General)		8	9.5
Surgery Specialties		21	24.9
	Neurosurgery	3	3.6
	Ophthalmology	4	4.8
	Orthopedics	8	9.5
	Otolaryngology	2	2.4
	Plastic Surgery	1	1.2
	Thoracic Surgery	0	0.0
	Urology	2	2.4
	Other Surgery Specialties	1	1.2
Facility Based		22	26.1
	Anesthesiology	6	7.1
	Pathology	4	4.8
	Radiology	12	14.3
Psychiatrists		7	8.3
	Psychiatry - Adult	6	7.1
	Psychiatry - Child & Adolescent	1	1.2
Other		23	27.3
	Allergy & Immunology	2	2.4
	Dermatology	2	2.4
	Emergency Medicine	10	11.9
	Neurology	2	2.4
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	4	4.8
	Prev Med/Occ Med/Public Hlth	3	3.6
	Other	0	0.0
Total Physicians		178	211.2

Midland

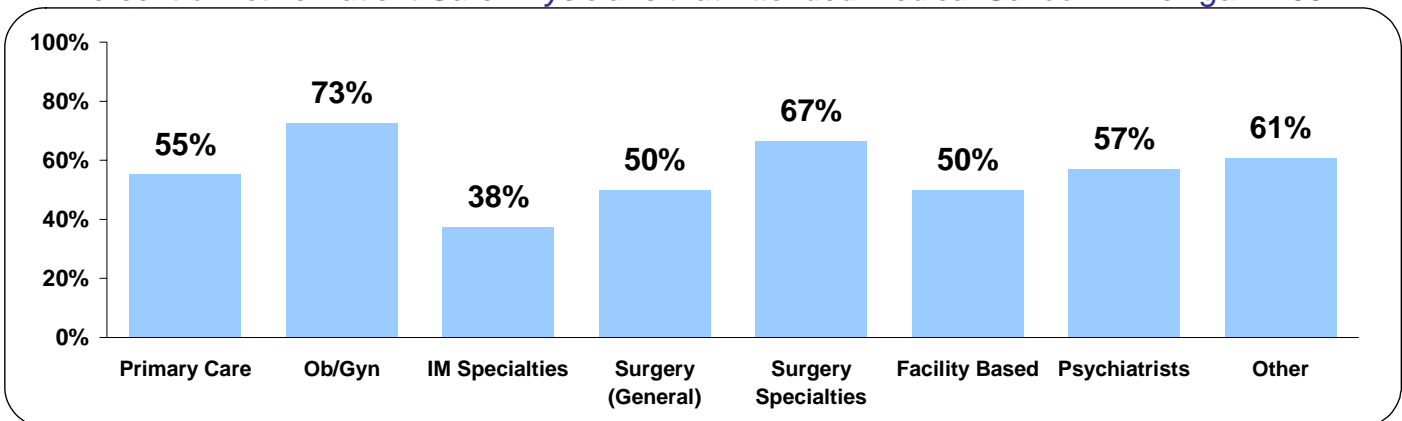
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

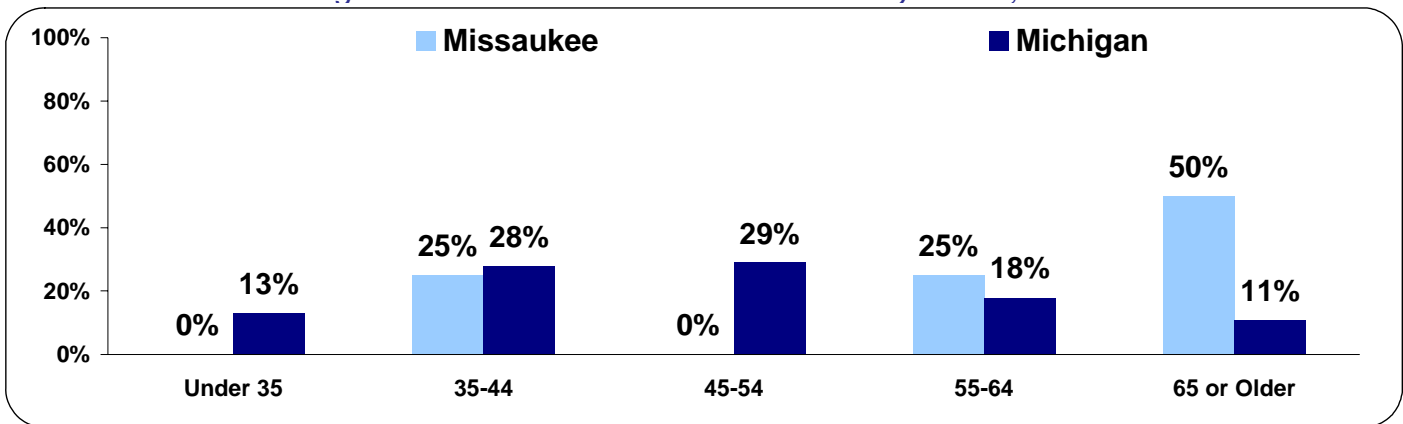


Missaukee

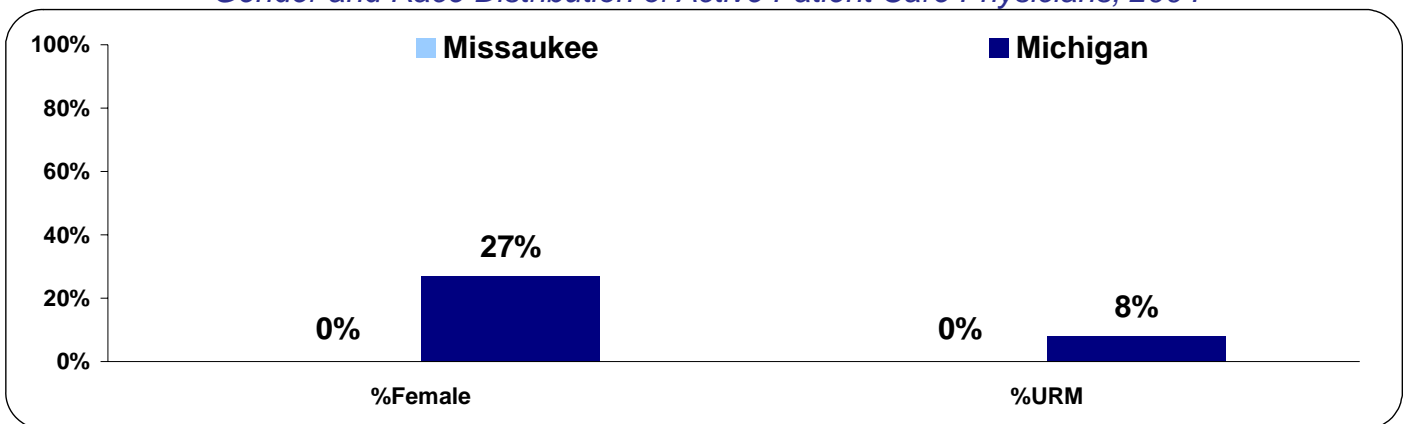
Population		Missaukee 15,333	Michigan 10,158,867
		#	#/100k Pop
Primary Care		3	19.6
	Family Practice	1	6.5
	Internal Medicine (General)	2	13.0
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		1	6.5
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		4	26.1

Missaukee

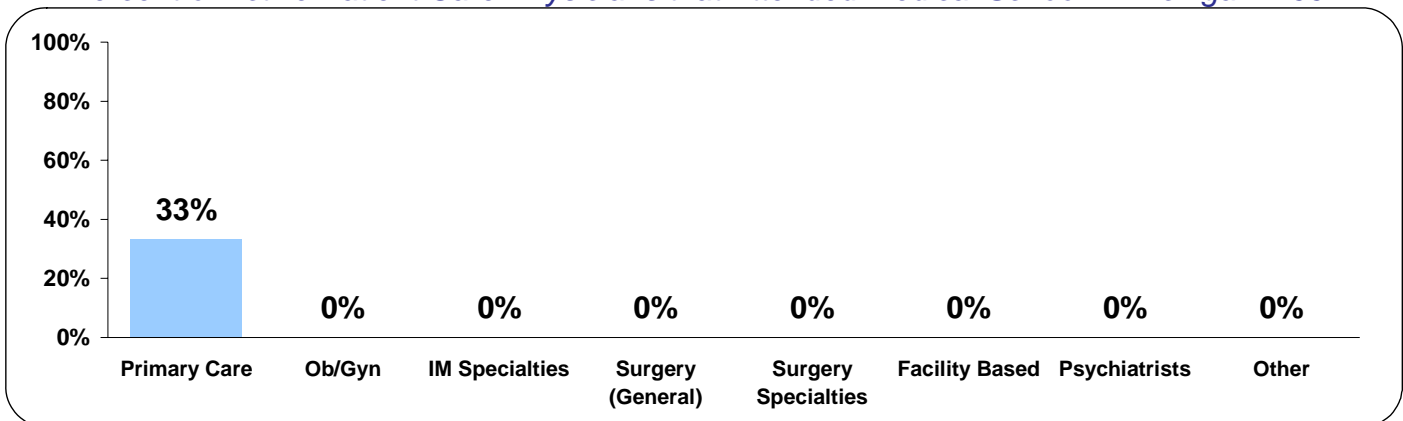
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

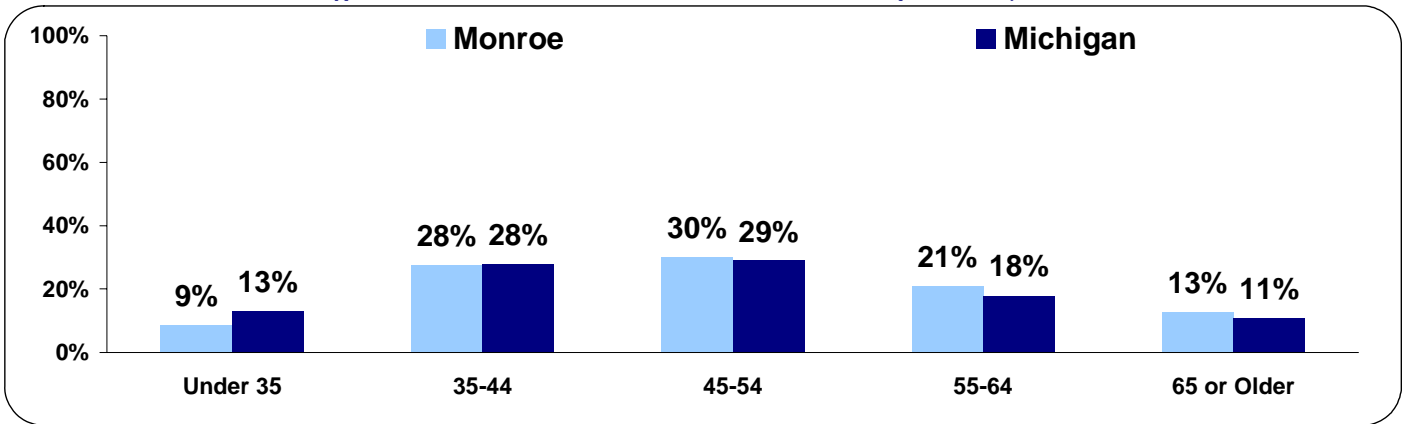


Monroe

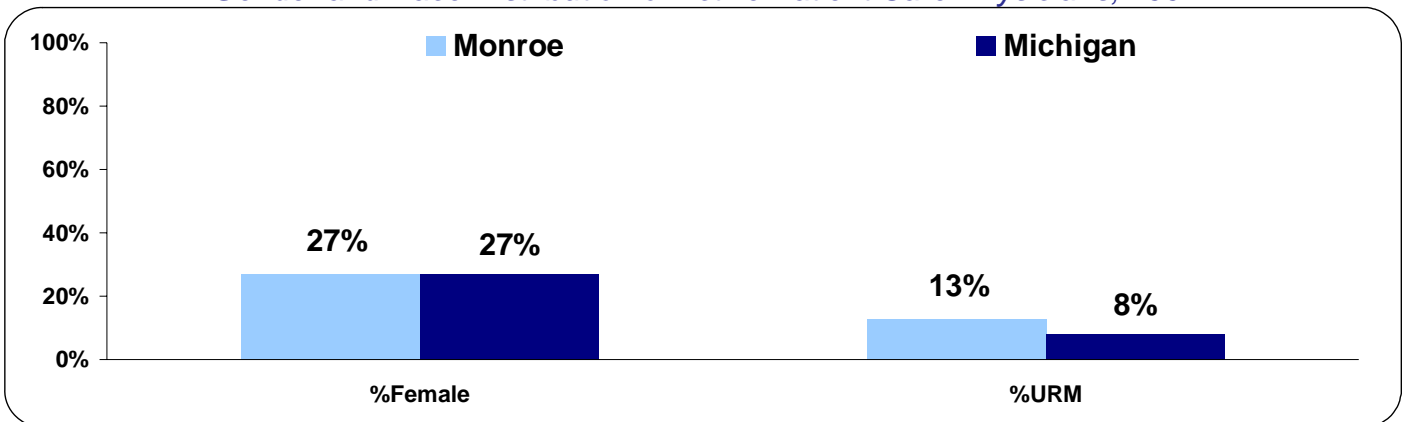
Population		Monroe 151,563	Michigan 10,158,867
		#	#/100k Pop
Primary Care		63	41.6
	Family Practice	36	23.8
	Internal Medicine (General)	12	7.9
	Pediatrics (General)	15	9.9
Ob/Gyn		11	7.3
	Obstetrics & Gynecology	11	7.3
	Gynecology (Only)	0	0.0
IM Specialties		12	7.9
	Cardiology	4	2.6
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	1	0.7
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	2	1.3
	Nephrology	1	0.7
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	4	2.6
Surgery (General)		5	3.3
Surgery Specialties		11	7.3
	Neurosurgery	0	0.0
	Ophthalmology	4	2.6
	Orthopedics	2	1.3
	Otolaryngology	3	2.0
	Plastic Surgery	1	0.7
	Thoracic Surgery	0	0.0
	Urology	1	0.7
	Other Surgery Specialties	0	0.0
Facility Based		13	8.6
	Anesthesiology	7	4.6
	Pathology	4	2.6
	Radiology	2	1.3
Psychiatrists		11	7.3
	Psychiatry - Adult	8	5.3
	Psychiatry - Child & Adolescent	3	2.0
Other		16	10.6
	Allergy & Immunology	0	0.0
	Dermatology	2	1.3
	Emergency Medicine	7	4.6
	Neurology	1	0.7
	Pediatrics Subspecialties	3	2.0
	Physical Medicine & Rehab	3	2.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		148	97.9

Monroe

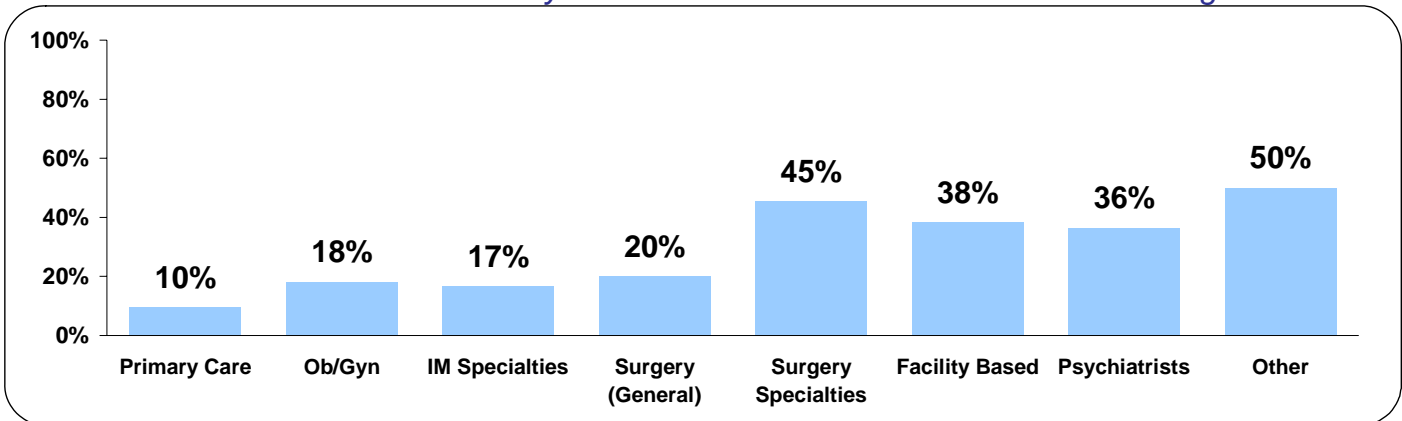
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan. 2004

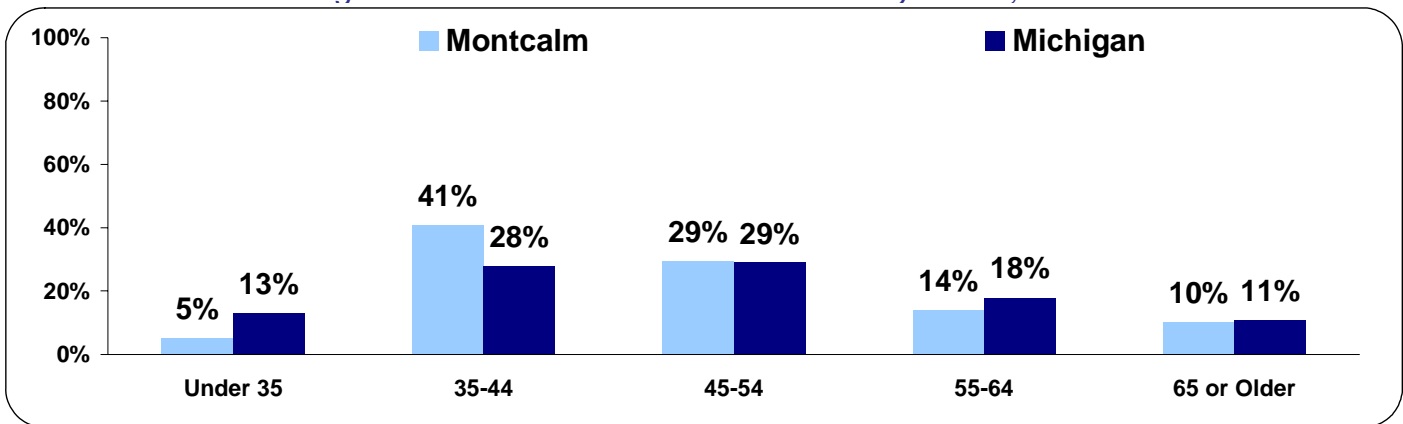


Montcalm

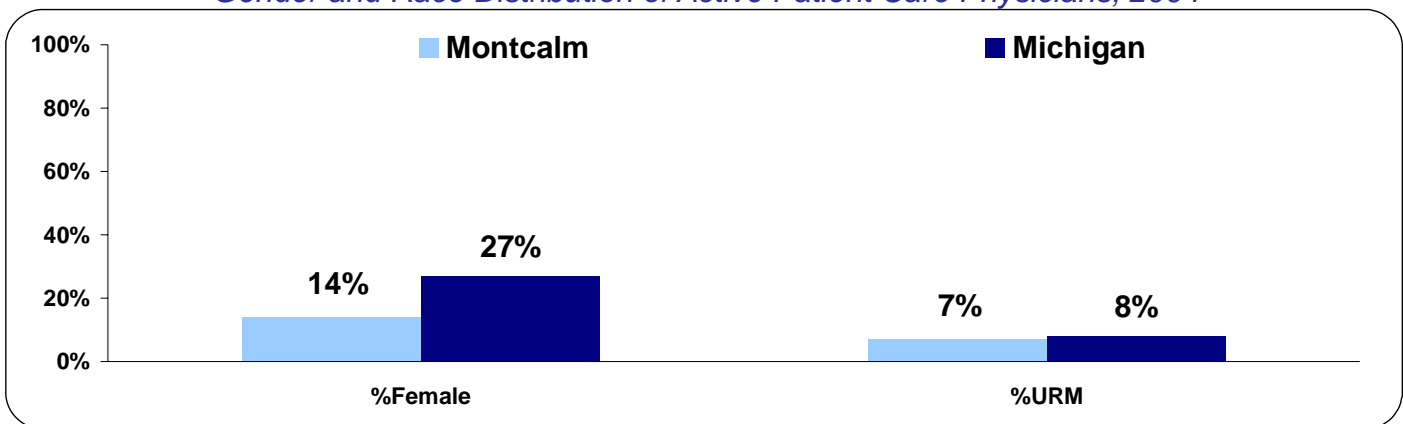
Population		Montcalm 63,137	Michigan 10,158,867
		#	#/100k Pop
Primary Care		41	64.9
	Family Practice	28	44.3
	Internal Medicine (General)	11	17.4
	Pediatrics (General)	2	3.2
Ob/Gyn		6	9.5
	Obstetrics & Gynecology	6	9.5
	Gynecology (Only)	0	0.0
IM Specialties		3	4.8
	Cardiology	3	4.8
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		5	7.9
Surgery Specialties		5	7.9
	Neurosurgery	0	0.0
	Ophthalmology	1	1.6
	Orthopedics	2	3.2
	Otolaryngology	1	1.6
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	1	1.6
	Other Surgery Specialties	0	0.0
Facility Based		8	12.7
	Anesthesiology	3	4.8
	Pathology	3	4.8
	Radiology	2	3.2
Psychiatrists		1	1.6
	Psychiatry - Adult	1	1.6
	Psychiatry - Child & Adolescent	0	0.0
Other		5	7.9
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	1	1.6
	Neurology	0	0.0
	Pediatrics Subspecialties	3	4.8
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	1	1.6
Total Physicians		78	123.3

Montcalm

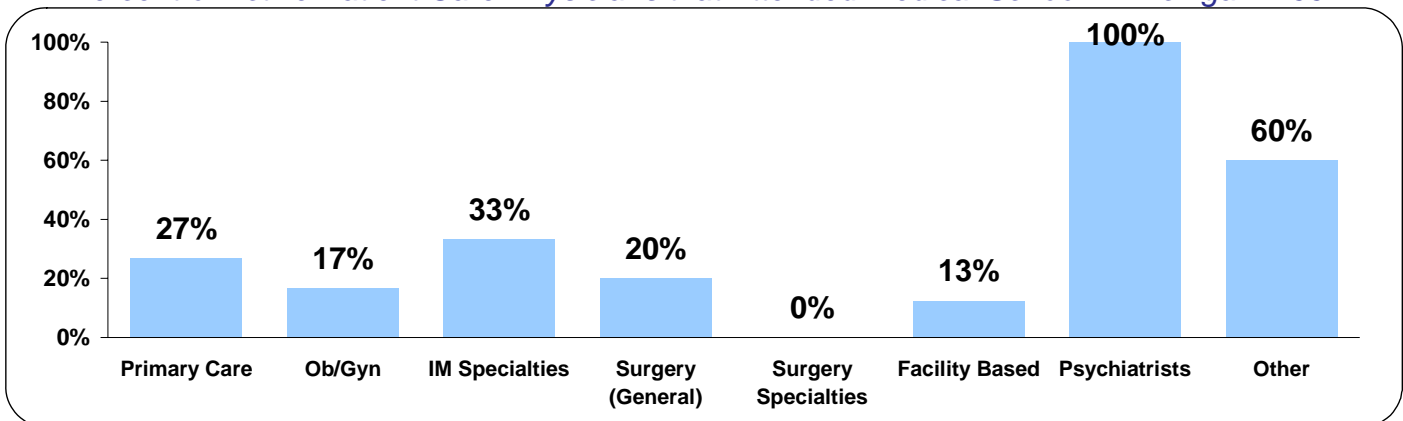
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

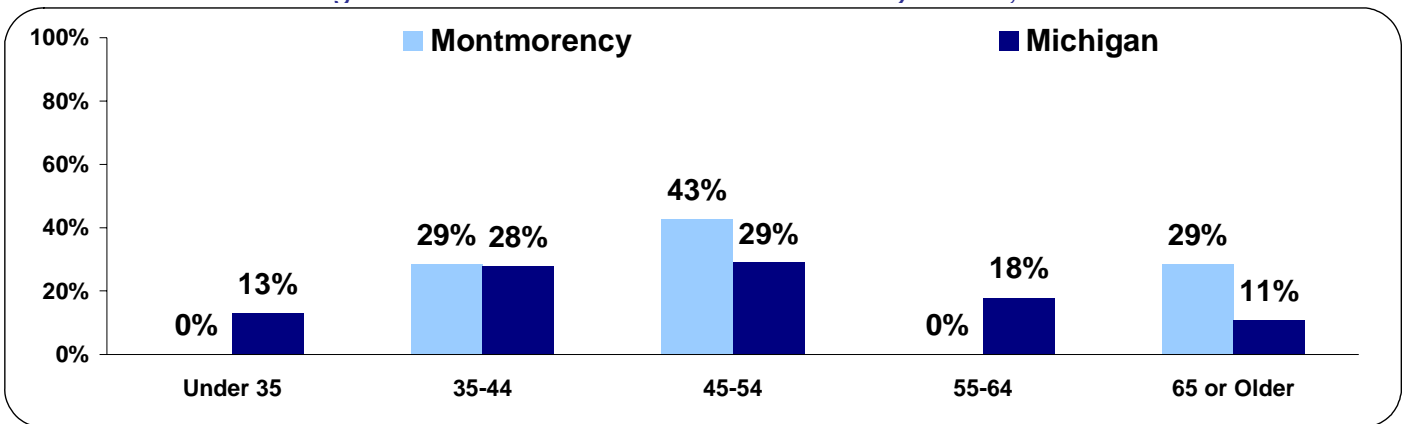


Montmorency

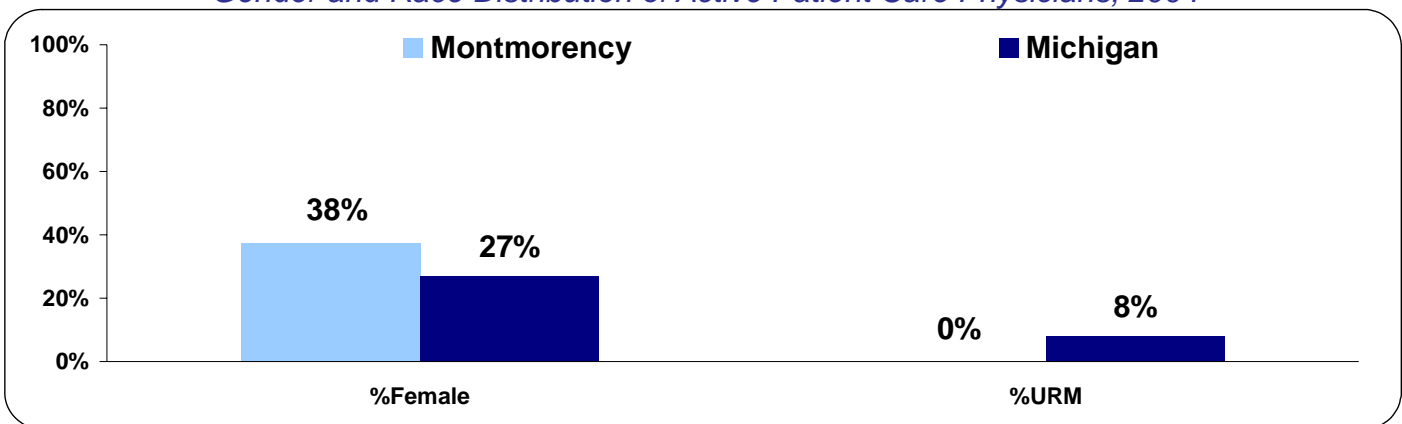
Population		Montmorency 10,431	Michigan 10,158,867
		#	#/100k Pop
Primary Care		6	57.5
	Family Practice	5	47.9
	Internal Medicine (General)	1	9.6
	Pediatrics (General)	0	0.0
Ob/Gyn		1	9.6
	Obstetrics & Gynecology	1	9.6
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		0	0.0
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		8	74.1

Montmorency

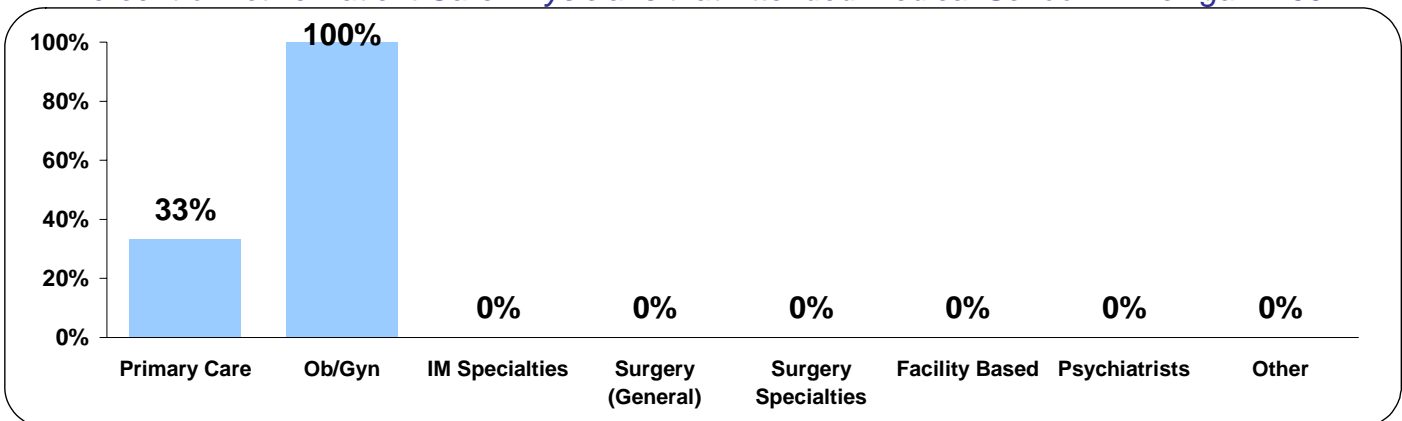
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

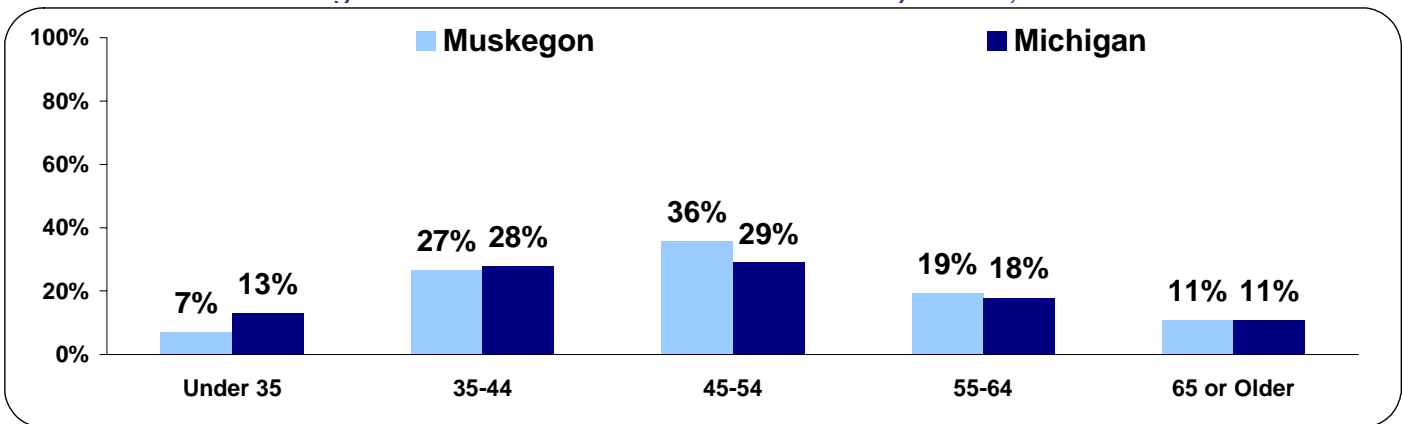


Muskegon

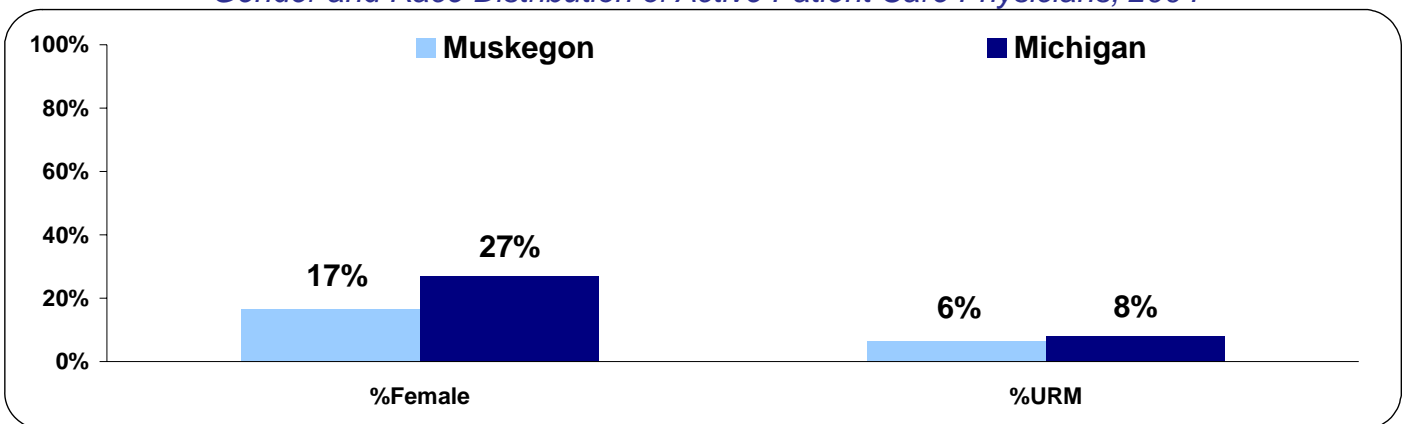
Population		<u>Muskegon</u> 176,816	<u>Michigan</u> 10,158,867
		<u>#</u>	<u>#/100k Pop</u>
Primary Care		147	83.1
	Family Practice	87	49.2
	Internal Medicine (General)	49	27.7
	Pediatrics (General)	11	6.2
Ob/Gyn		11	6.2
	Obstetrics & Gynecology	10	5.7
	Gynecology (Only)	1	0.6
IM Specialties		25	14.1
	Cardiology	10	5.7
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	4	2.3
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	4	2.3
	Nephrology	4	2.3
	Pulmonary Disease	2	1.1
	Rheumatology	1	0.6
	Other Internal Medicine	0	0.0
Surgery (General)		9	5.1
Surgery Specialties		45	25.5
	Neurosurgery	3	1.7
	Ophthalmology	6	3.4
	Orthopedics	14	7.9
	Otolaryngology	5	2.8
	Plastic Surgery	3	1.7
	Thoracic Surgery	4	2.3
	Urology	5	2.8
	Other Surgery Specialties	5	2.8
Facility Based		44	24.9
	Anesthesiology	20	11.3
	Pathology	7	4.0
	Radiology	17	9.6
Psychiatrists		6	3.4
	Psychiatry - Adult	5	2.8
	Psychiatry - Child & Adolescent	1	0.6
Other		37	20.9
	Allergy & Immunology	2	1.1
	Dermatology	2	1.1
	Emergency Medicine	22	12.4
	Neurology	3	1.7
	Pediatrics Subspecialties	1	0.6
	Physical Medicine & Rehab	2	1.1
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	<u>5</u>	<u>2.8</u>
Total Physicians		338	191.3
			234.0

Muskegon

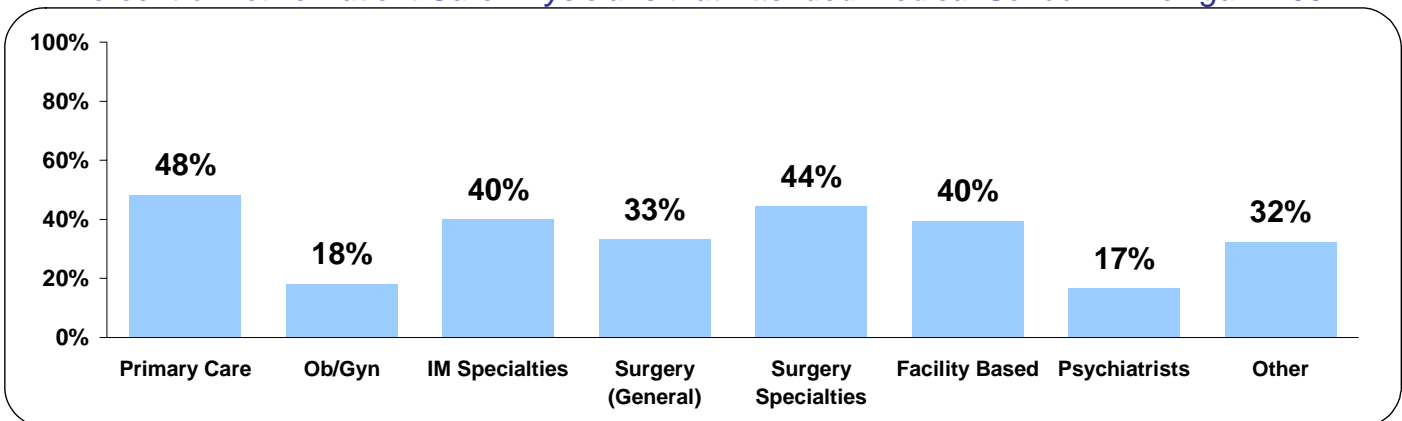
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



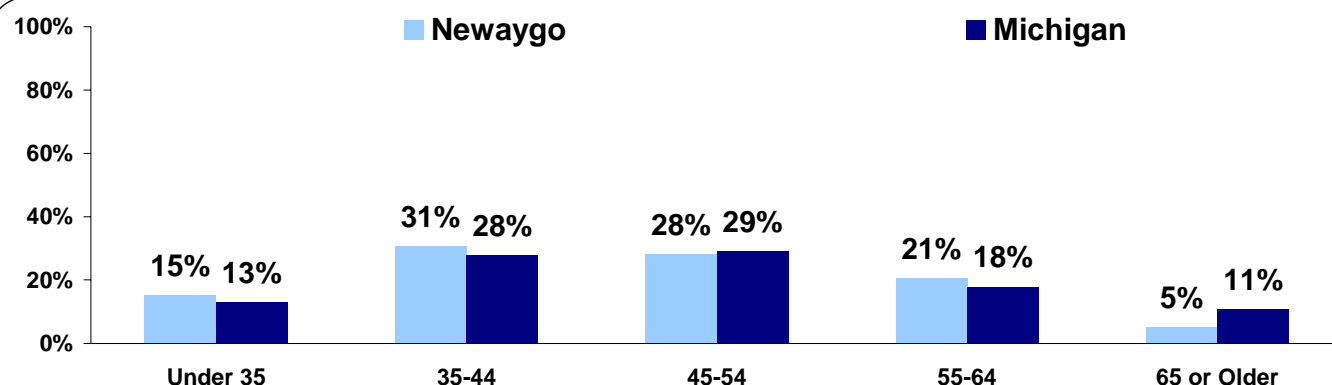
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



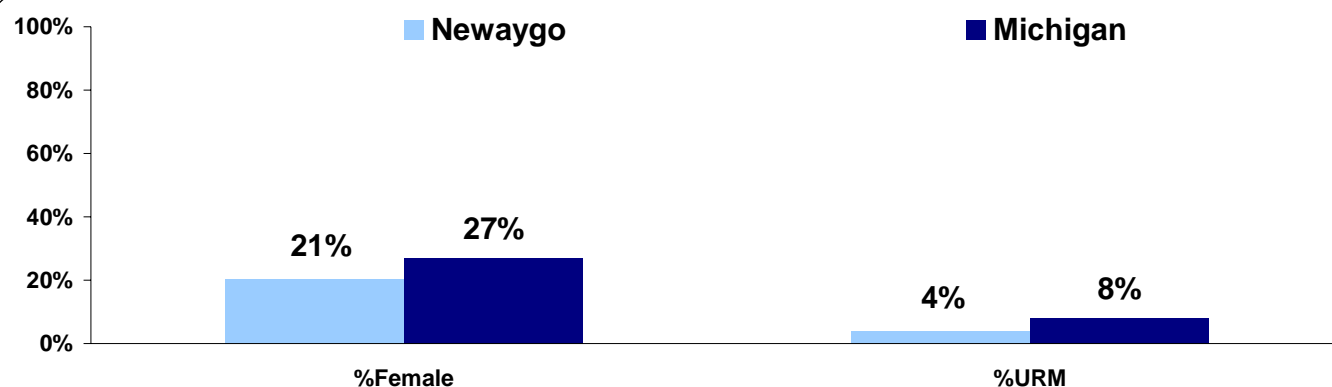
Newaygo

Population		Newaygo 49,508	Michigan 10,158,867
		#	#/100k Pop
Primary Care		21	42.4
	Family Practice	17	34.3
	Internal Medicine (General)	4	8.1
	Pediatrics (General)	0	0.0
Ob/Gyn		1	2.0
	Obstetrics & Gynecology	1	2.0
	Gynecology (Only)	0	0.0
IM Specialties		2	4.0
	Cardiology	2	4.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		3	6.1
Surgery Specialties		3	6.1
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	3	6.1
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		8	16.2
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	5	10.1
	Neurology	0	0.0
	Pediatrics Subspecialties	2	4.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	1	2.0
Total Physicians		39	78.6

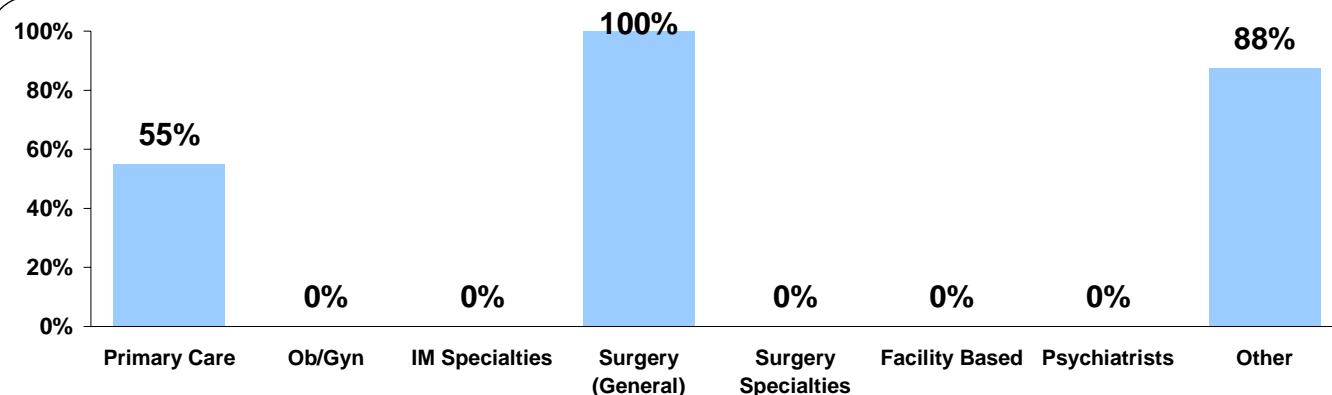
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

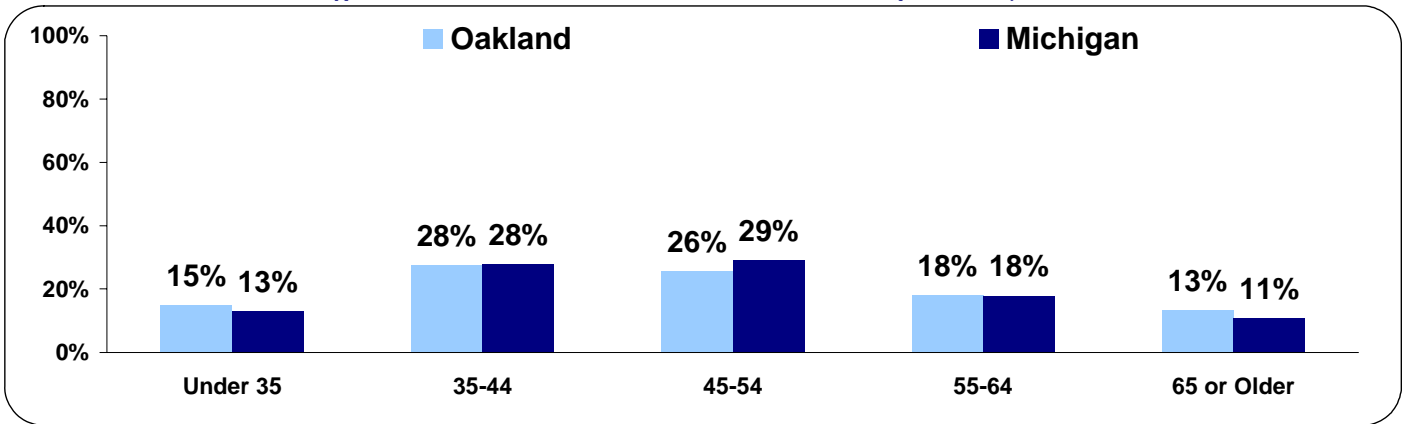


Oakland

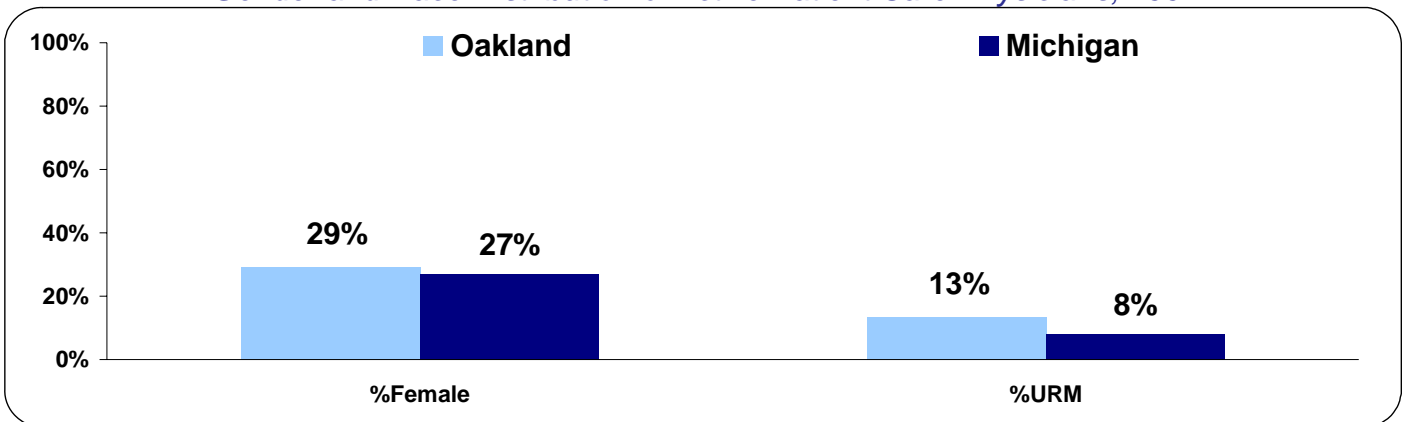
Population		Oakland 1,223,341	Michigan 10,158,867
		#	#/100k Pop
Primary Care		1,545	126.3
	Family Practice	521	42.6
	Internal Medicine (General)	728	59.5
	Pediatrics (General)	296	24.2
Ob/Gyn		322	26.3
	Obstetrics & Gynecology	308	25.2
	Gynecology (Only)	14	1.1
IM Specialties		445	36.4
	Cardiology	135	11.0
	Endocrinology & Metabolism	25	2.0
	Gastroenterology	61	5.0
	Geriatrics	16	1.3
	Infectious Disease	33	2.7
	Medical Oncology	39	3.2
	Nephrology	24	2.0
	Pulmonary Disease	49	4.0
	Rheumatology	24	2.0
	Other Internal Medicine	39	3.2
Surgery (General)		169	13.8
Surgery Specialties		517	42.3
	Neurosurgery	25	2.0
	Ophthalmology	126	10.3
	Orthopedics	117	9.6
	Otolaryngology	48	3.9
	Plastic Surgery	54	4.4
	Thoracic Surgery	23	1.9
	Urology	64	5.2
	Other Surgery Specialties	60	4.9
Facility Based		506	41.4
	Anesthesiology	164	13.4
	Pathology	96	7.8
	Radiology	246	20.1
Psychiatrists		311	25.4
	Psychiatry - Adult	260	21.3
	Psychiatry - Child & Adolescent	51	4.2
Other		610	49.9
	Allergy & Immunology	46	3.8
	Dermatology	85	6.9
	Emergency Medicine	190	15.5
	Neurology	76	6.2
	Pediatrics Subspecialties	72	5.9
	Physical Medicine & Rehab	72	5.9
	Prev Med/Occ Med/Public Hlth	34	2.8
	Other	35	2.9
Total Physicians		4,715	385.5

Oakland

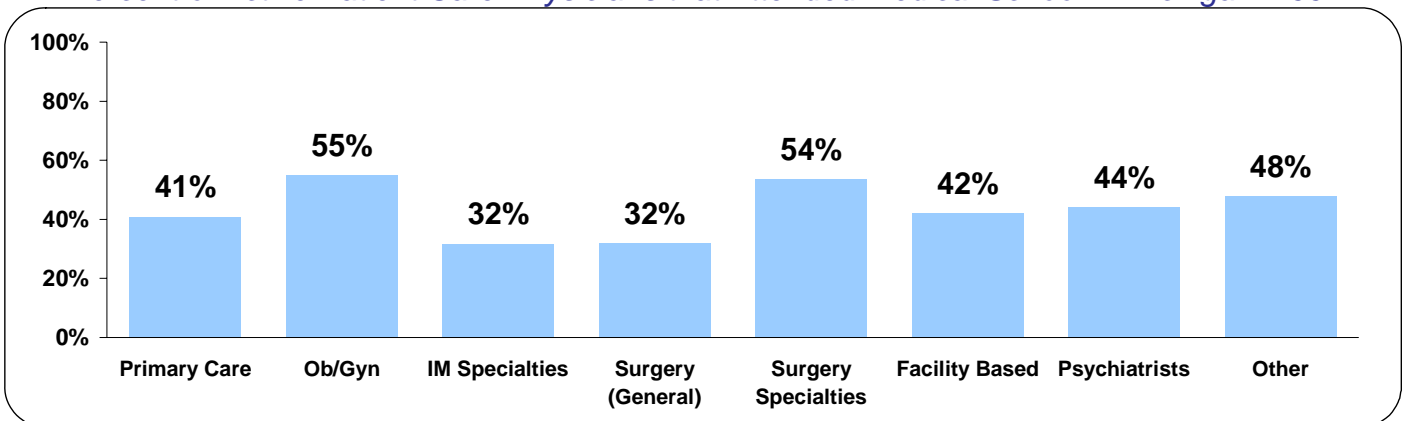
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



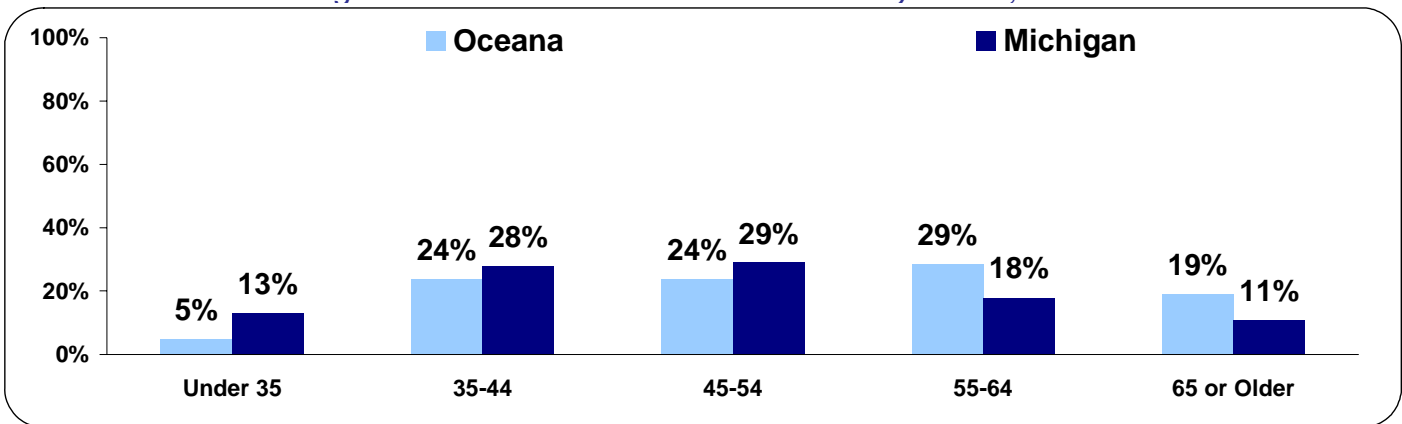
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



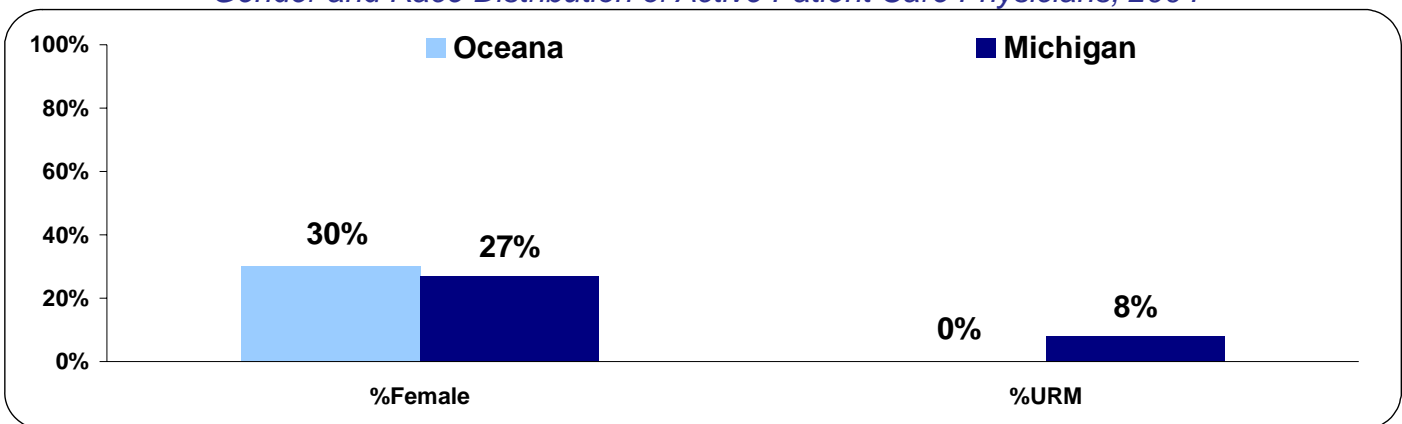
Oceana

Population		Oceana 28,808	Michigan 10,158,867
		#	#/100k Pop
Primary Care		11	38.2
	Family Practice	11	38.2
	Internal Medicine (General)	0	0.0
	Pediatrics (General)	0	0.0
Ob/Gyn		1	3.5
	Obstetrics & Gynecology	1	3.5
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		3	10.4
Surgery Specialties		1	3.5
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	1	3.5
Facility Based		2	6.9
	Anesthesiology	0	0.0
	Pathology	1	3.5
	Radiology	1	3.5
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		20	69.2

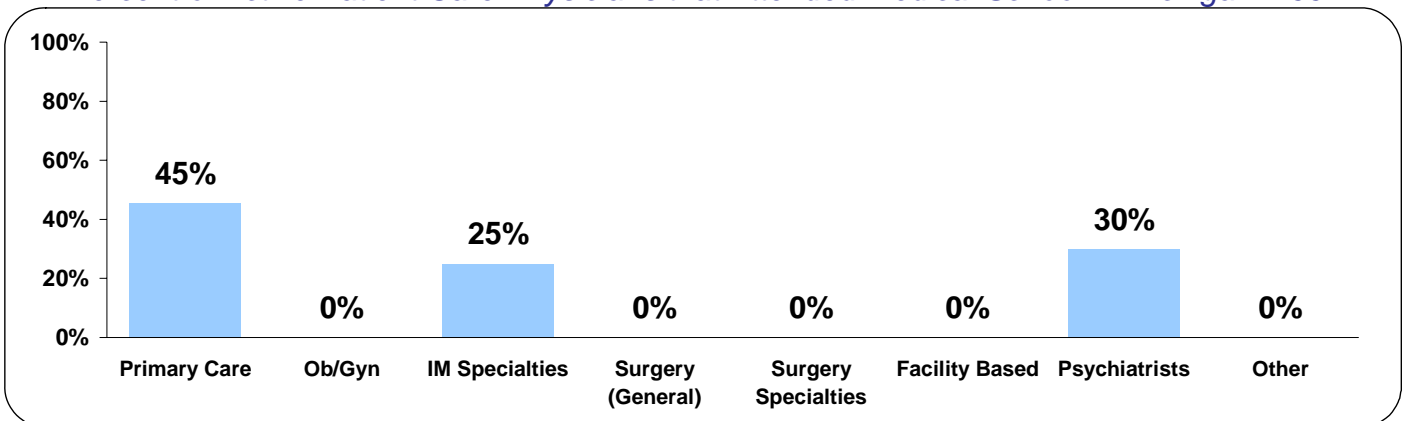
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

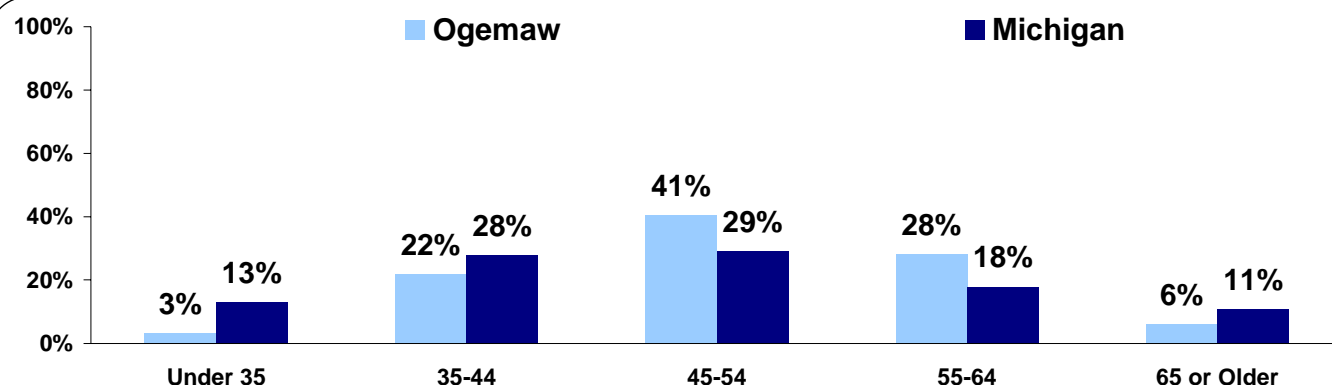


Ogemaw

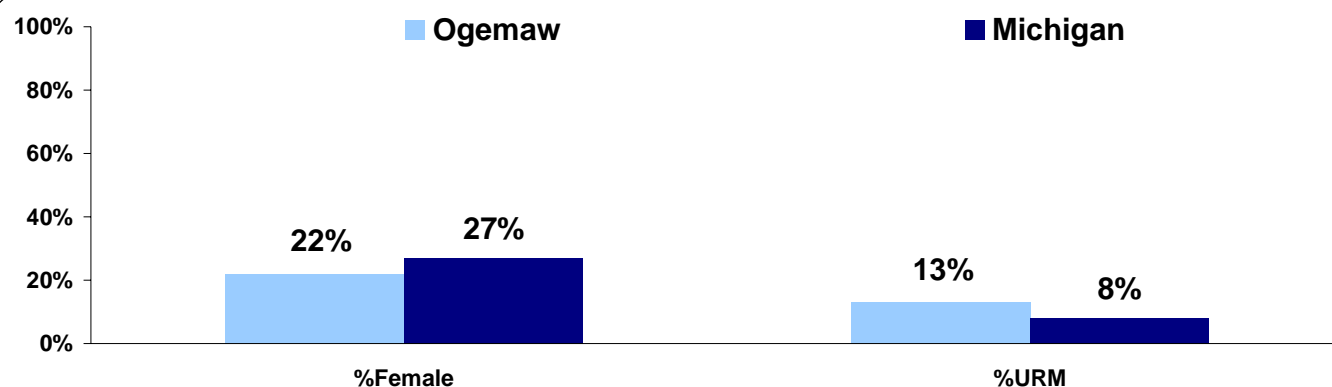
Population		Ogemaw 21,693	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		11	50.7	86.8
	Family Practice	7	32.3	38.6
	Internal Medicine (General)	3	13.8	33.7
	Pediatrics (General)	1	4.6	14.5
Ob/Gyn		3	13.8	13.2
	Obstetrics & Gynecology	3	13.8	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		4	18.4	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	1	4.6	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	1	4.6	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	2	9.2	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		2	9.2	8.6
Surgery Specialties		3	13.8	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	2	9.2	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	1	4.6	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		3	13.8	26.3
	Anesthesiology	1	4.6	9.6
	Pathology	1	4.6	5.0
	Radiology	1	4.6	11.8
Psychiatrists		0	0.0	12.2
	Psychiatry - Adult	0	0.0	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		4	18.4	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	3	13.8	10.8
	Neurology	1	4.6	3.9
	Pediatrics Subspecialties	0	0.0	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	0	0.0	1.7
	Other	0	0.0	1.7
Total Physicians		32	147.2	234.0

Ogemaw

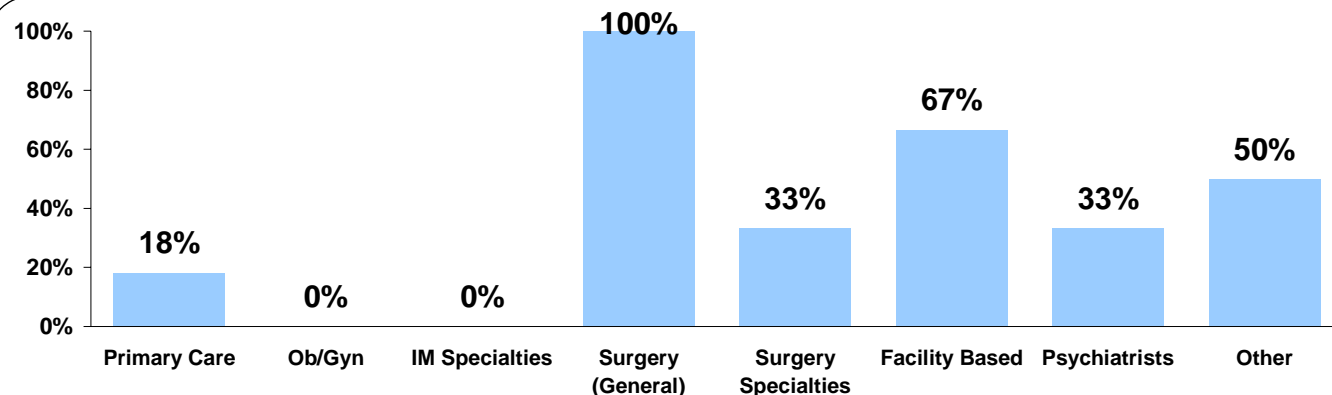
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

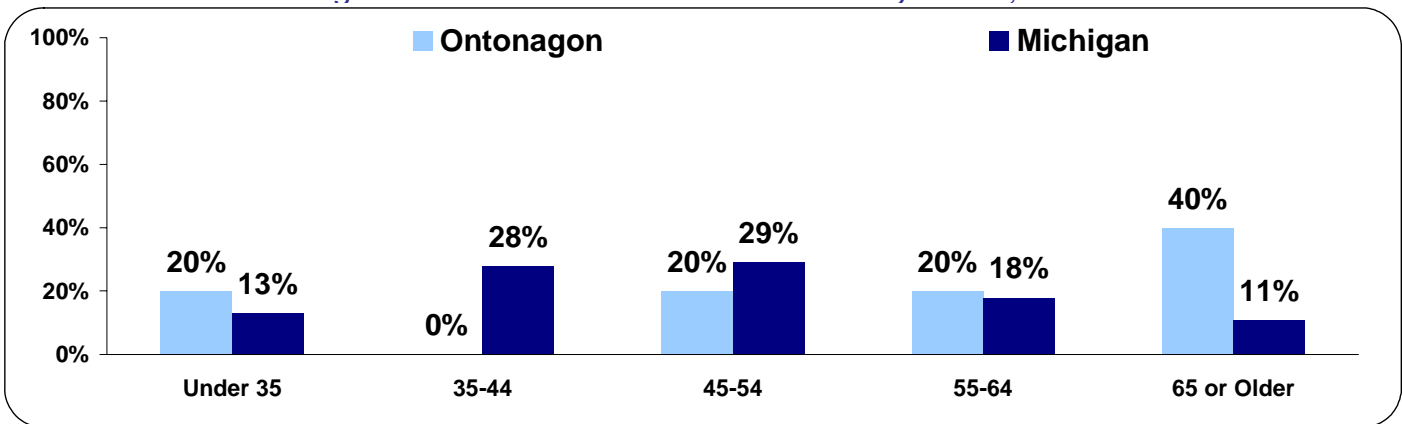


Ontonagon

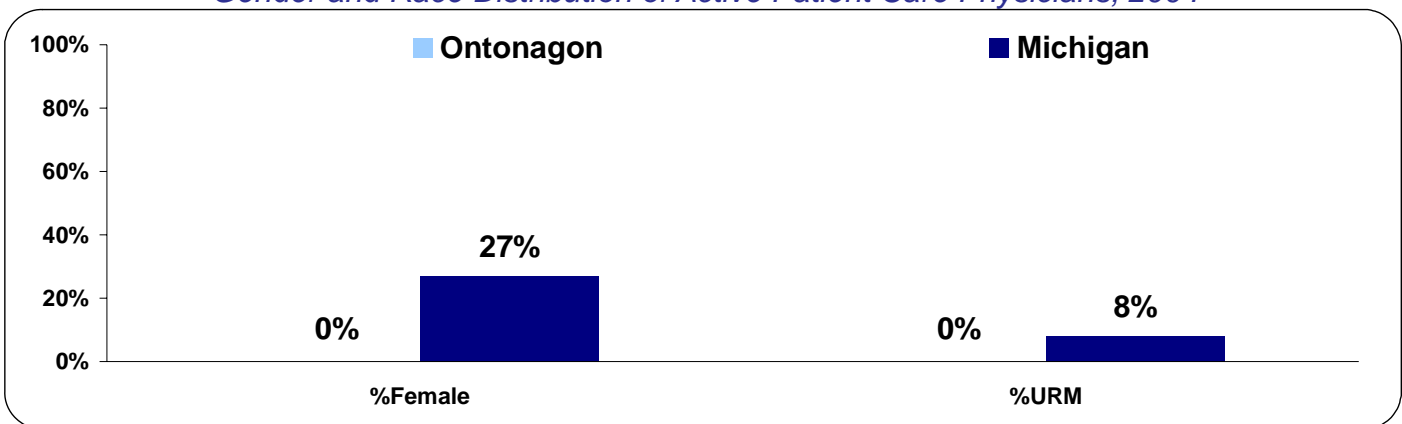
Population		Ontonagon 7,474	Michigan 10,158,867
		#	#/100k Pop
Primary Care		3	40.1
	Family Practice	3	40.1
	Internal Medicine (General)	0	0.0
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		1	13.4
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		1	13.4
	Anesthesiology	1	13.4
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		5	66.9

Ontonagon

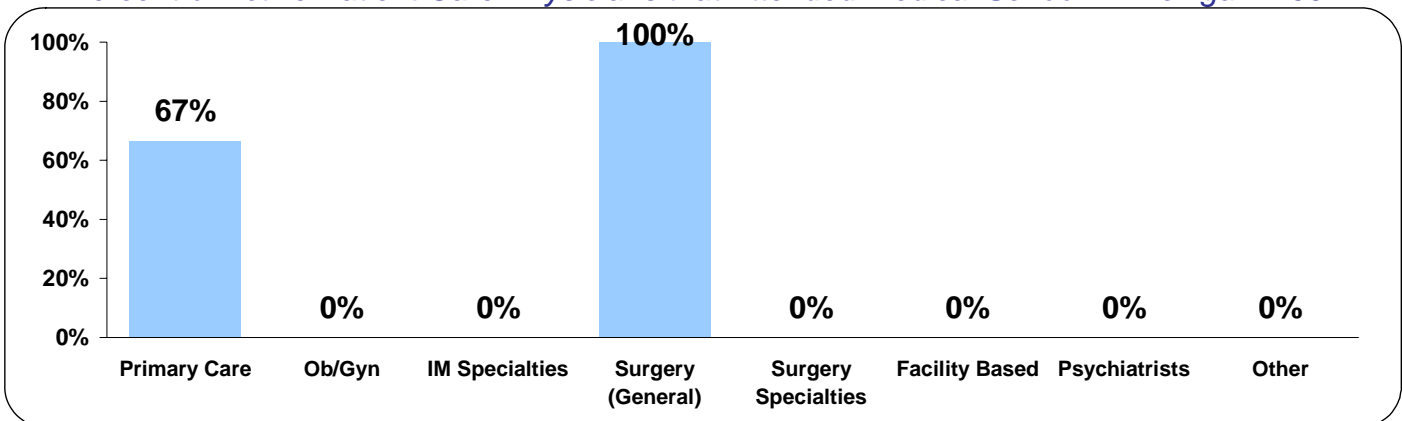
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

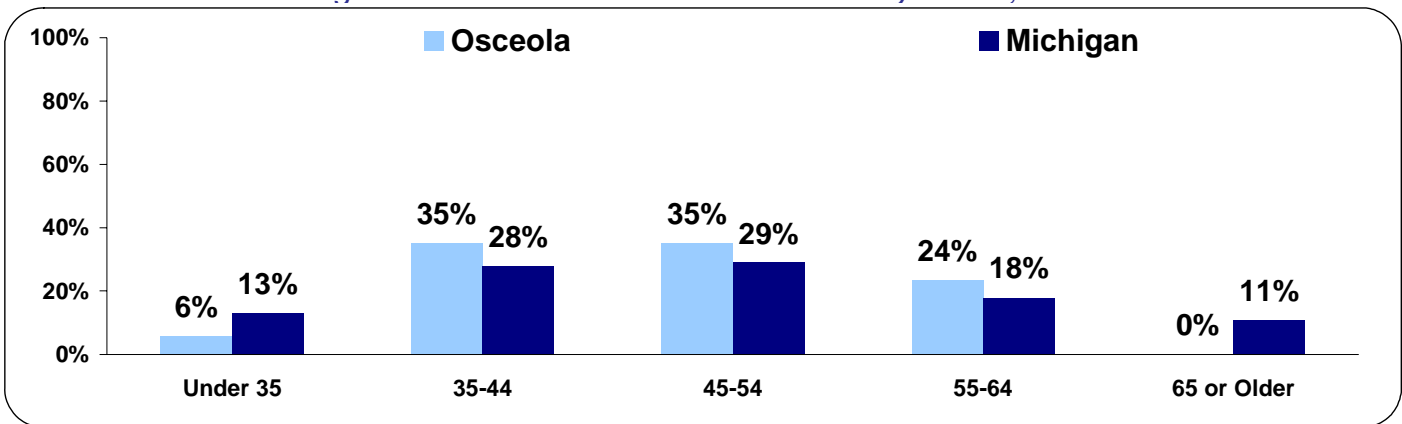


Osceola

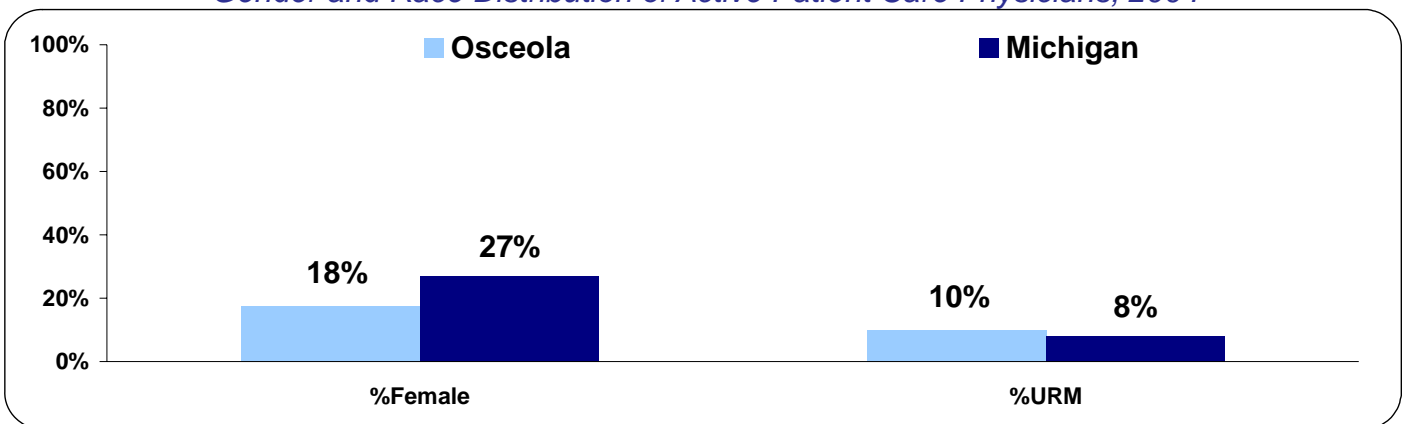
Population		Osceola 23,658	Michigan 10,158,867
		#	#/100k Pop
Primary Care		11	46.5
	Family Practice	7	29.6
	Internal Medicine (General)	3	12.7
	Pediatrics (General)	1	4.2
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		1	4.2
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	1	4.2
Surgery (General)		3	12.7
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		2	8.5
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	1	4.2
	Neurology	0	0.0
	Pediatrics Subspecialties	1	4.2
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		17	70.7

Osceola

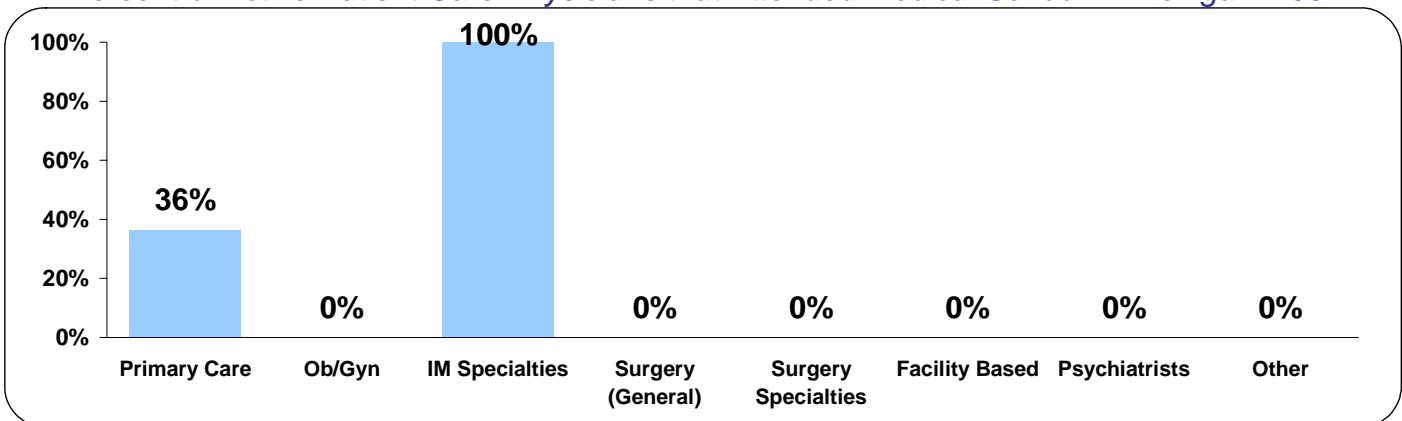
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

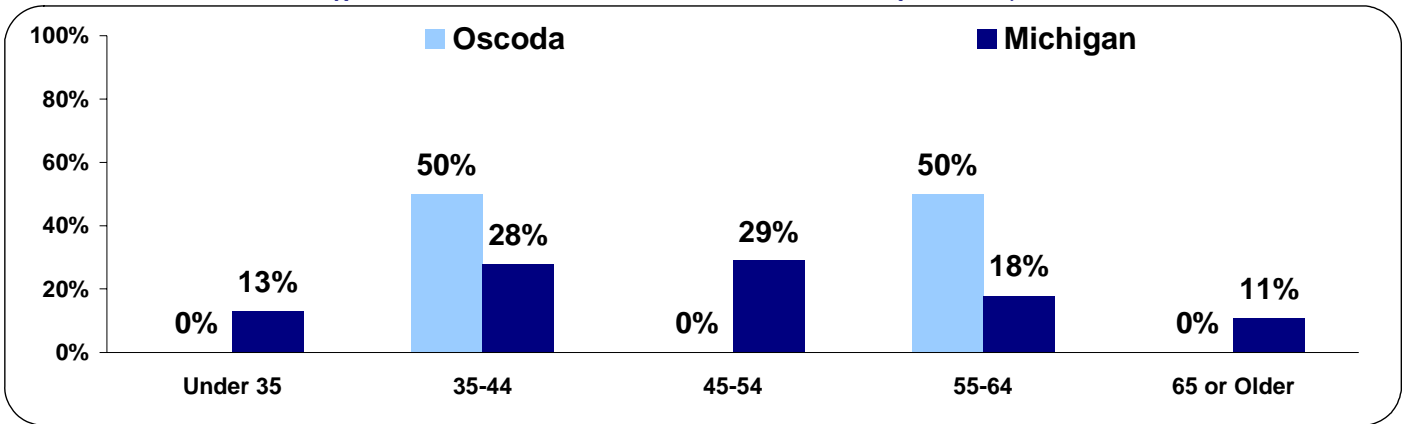


Oscoda

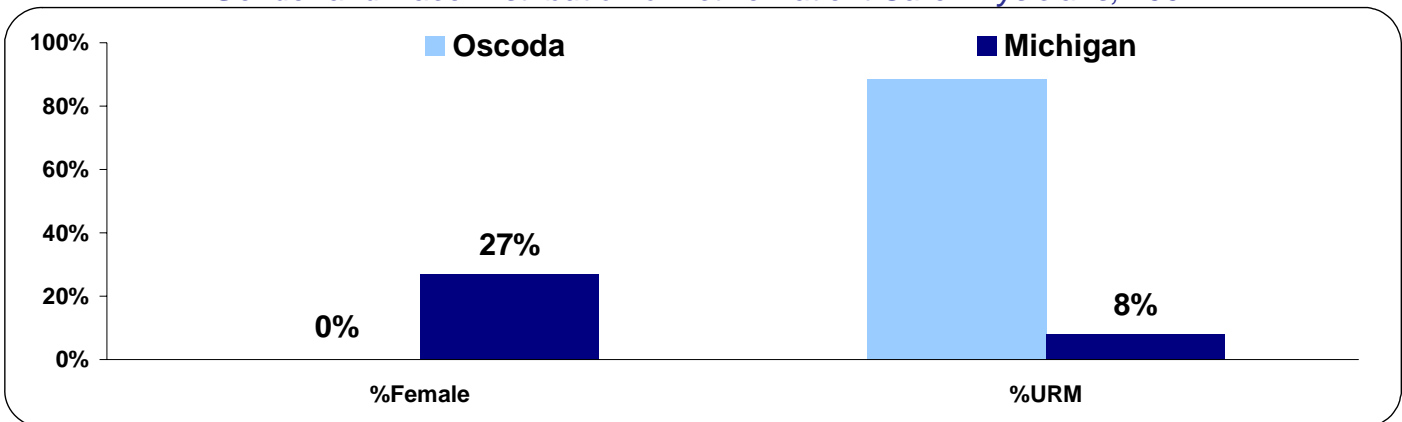
Population		Oscoda 9,288	Michigan 10,158,867
		#	#/100k Pop
Primary Care		2	21.5
	Family Practice	1	10.8
	Internal Medicine (General)	1	10.8
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		0	0.0
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		2	21.5

Oscoda

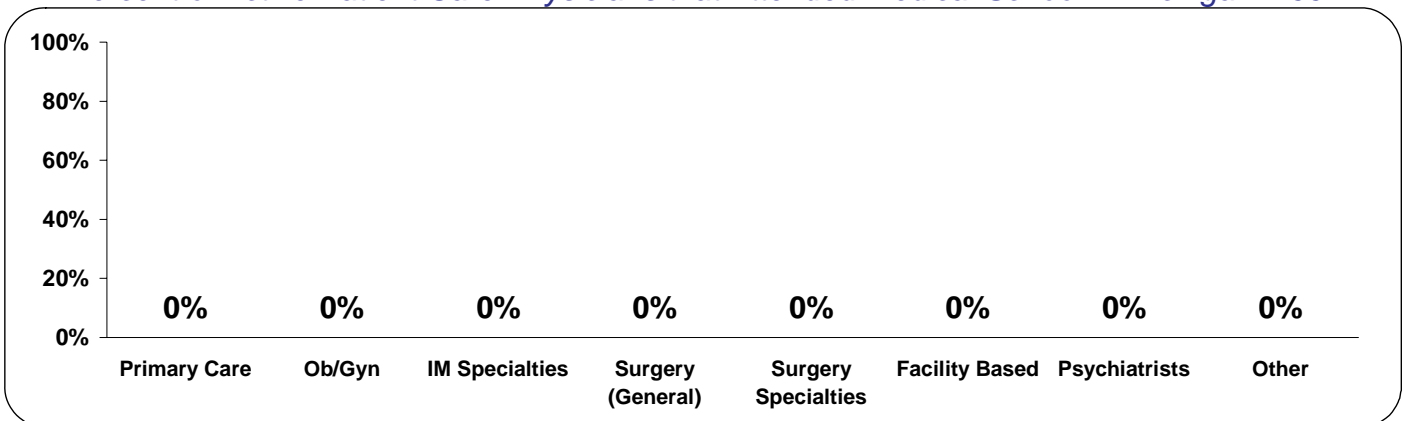
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

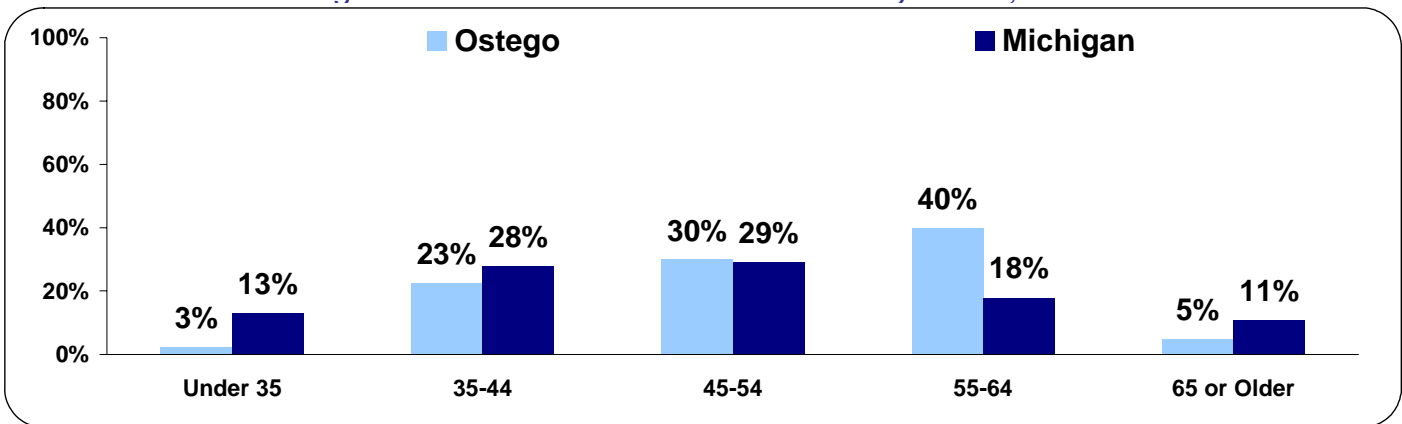


Ostego

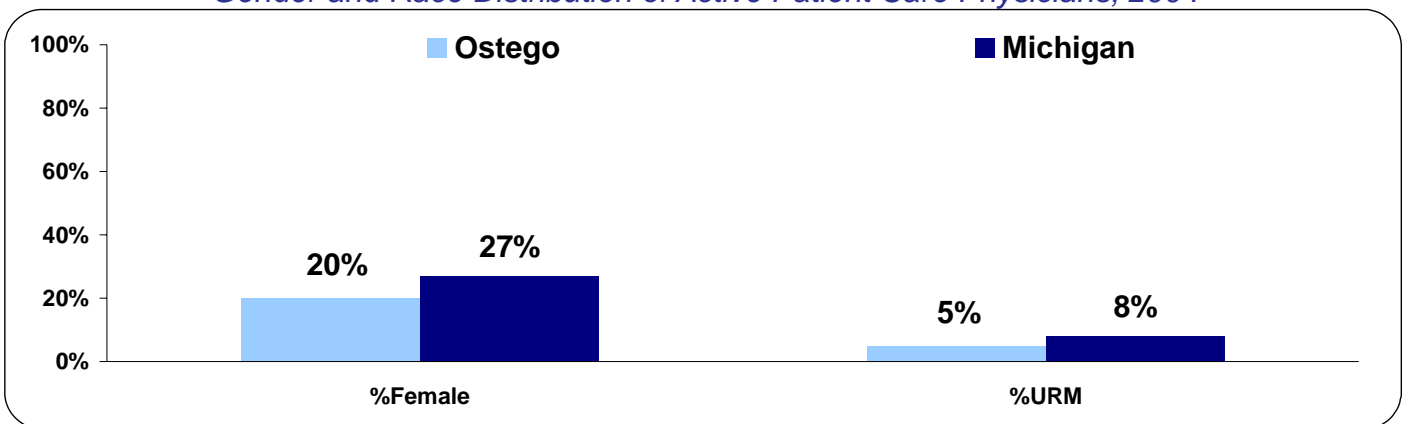
Population		Ostego 24,356	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		19	78.0	86.8
	Family Practice	8	32.8	38.6
	Internal Medicine (General)	7	28.7	33.7
	Pediatrics (General)	4	16.4	14.5
Ob/Gyn		2	8.2	13.2
	Obstetrics & Gynecology	2	8.2	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		0	0.0	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	0	0.0	2.5
Surgery (General)		4	16.4	8.6
Surgery Specialties		5	20.5	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	4	16.4	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	1	4.1	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		3	12.3	26.3
	Anesthesiology	3	12.3	9.6
	Pathology	0	0.0	5.0
	Radiology	0	0.0	11.8
Psychiatrists		0	0.0	12.2
	Psychiatry - Adult	0	0.0	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		5	20.5	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	2	8.2	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	1	4.1	4.5
	Physical Medicine & Rehab	1	4.1	3.0
	Prev Med/Occ Med/Public Hlth	1	4.1	1.7
	Other	0	0.0	1.7
Total Physicians		41	167.0	234.0

Ostego

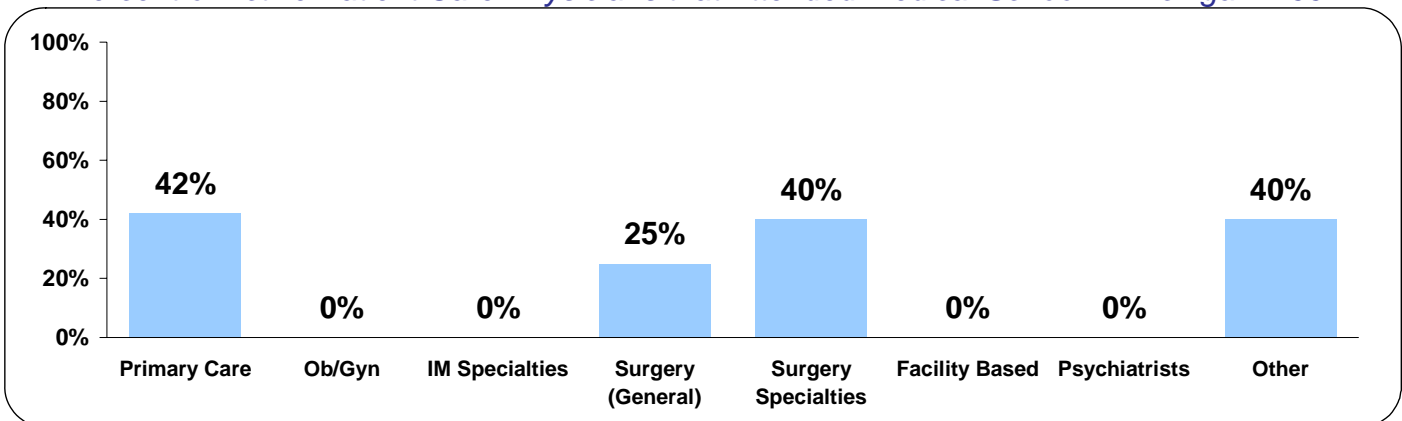
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



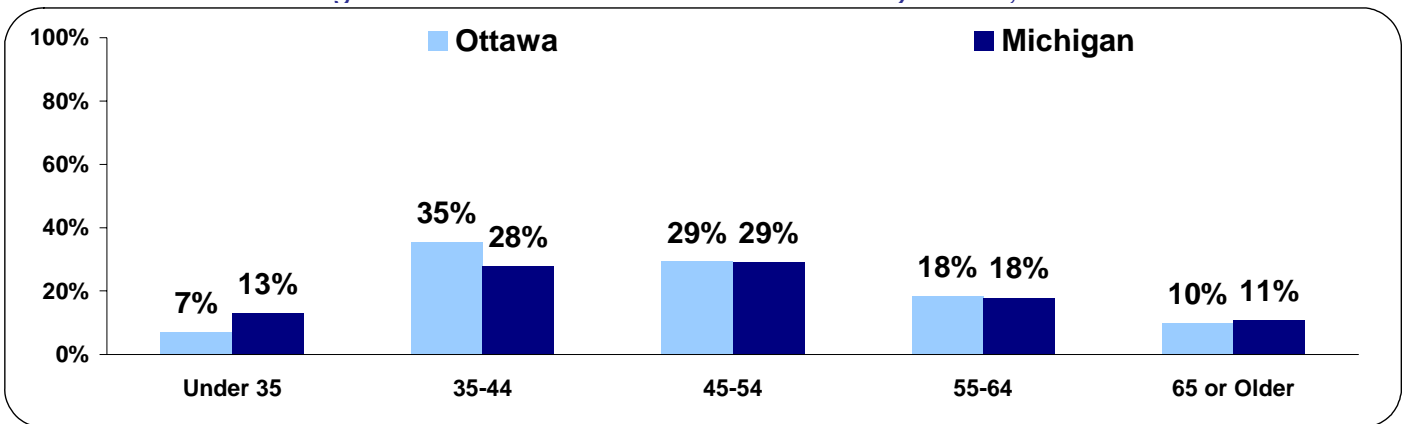
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



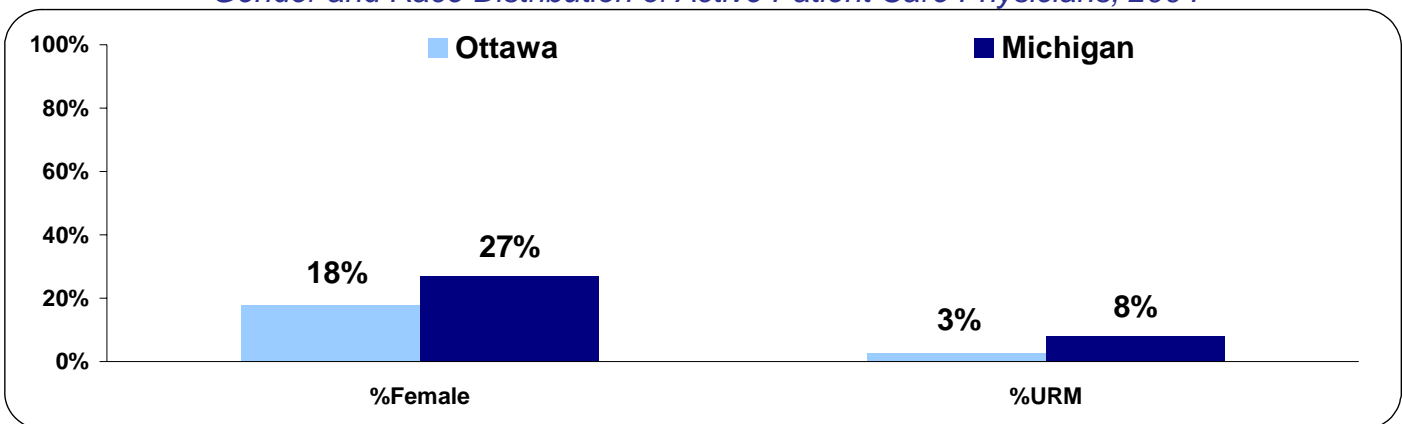
Ottawa

Population		Ottawa 255,845	Michigan 10,158,867
		#	#/100k Pop
Primary Care		136	53.2
	Family Practice	86	33.6
	Internal Medicine (General)	30	11.7
	Pediatrics (General)	20	7.8
Ob/Gyn		23	9.0
	Obstetrics & Gynecology	22	8.6
	Gynecology (Only)	1	0.4
IM Specialties		7	2.7
	Cardiology	3	1.2
	Endocrinology & Metabolism	1	0.4
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	1	0.4
	Pulmonary Disease	2	0.8
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		9	3.5
Surgery Specialties		35	13.7
	Neurosurgery	0	0.0
	Ophthalmology	12	4.7
	Orthopedics	11	4.3
	Otolaryngology	4	1.6
	Plastic Surgery	2	0.8
	Thoracic Surgery	0	0.0
	Urology	4	1.6
	Other Surgery Specialties	2	0.8
Facility Based		45	17.6
	Anesthesiology	14	5.5
	Pathology	8	3.1
	Radiology	23	9.0
Psychiatrists		10	3.9
	Psychiatry - Adult	8	3.1
	Psychiatry - Child & Adolescent	2	0.8
Other		40	15.6
	Allergy & Immunology	4	1.6
	Dermatology	1	0.4
	Emergency Medicine	24	9.4
	Neurology	2	0.8
	Pediatrics Subspecialties	3	1.2
	Physical Medicine & Rehab	1	0.4
	Prev Med/Occ Med/Public Hlth	3	1.2
	Other	2	0.8
Total Physicians		315	123.2

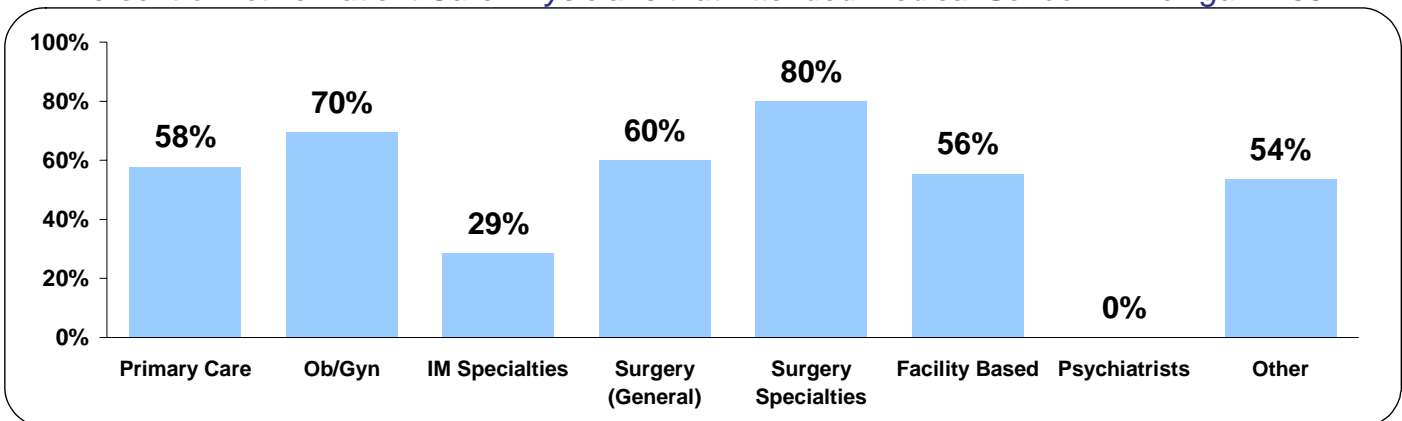
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

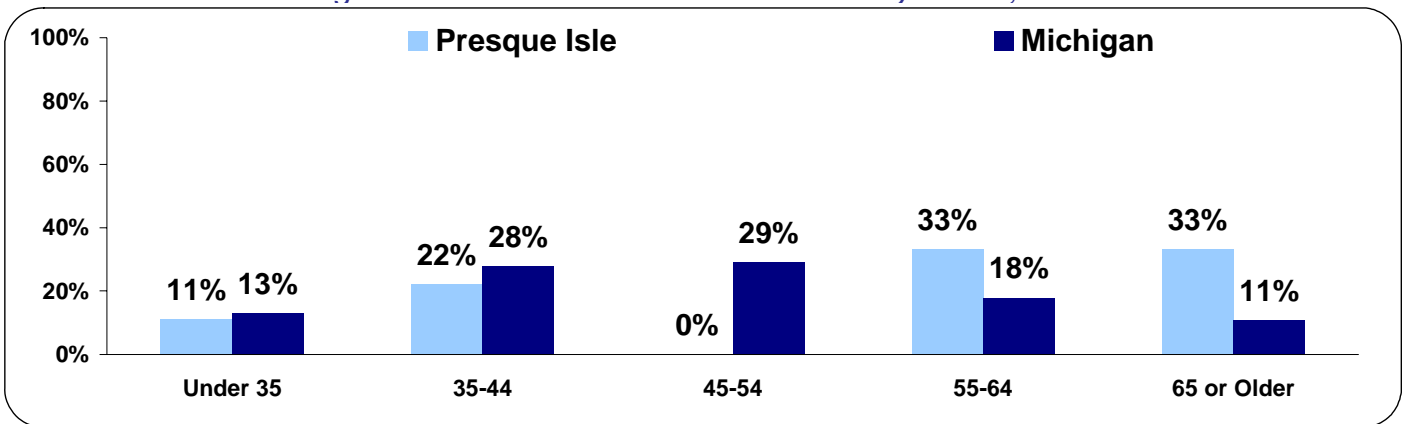


Presque Isle

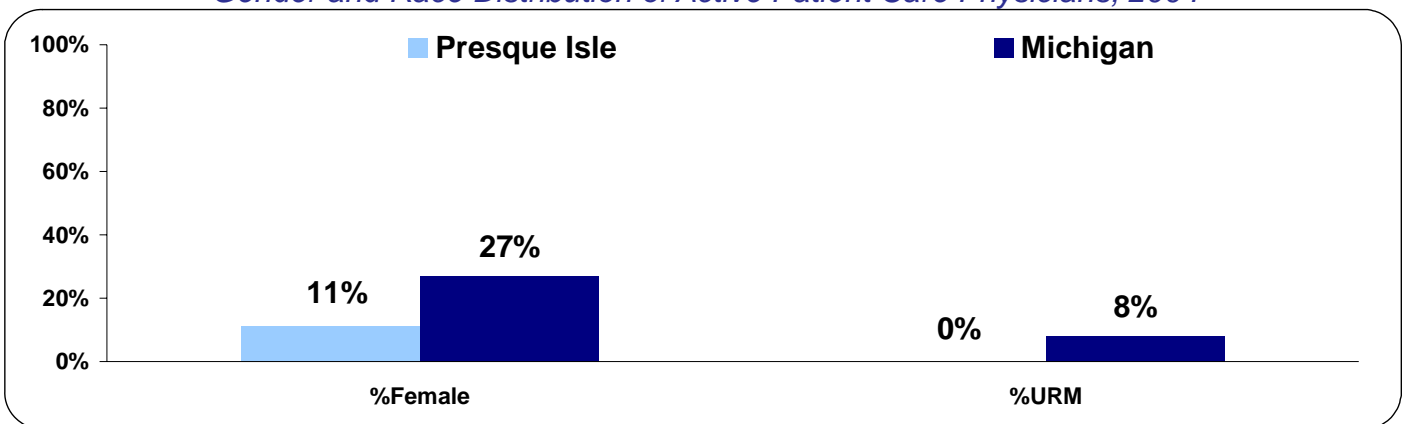
Population		Presque Isle 14,214	Michigan 10,158,867
		#	#/100k Pop
Primary Care		5	35.2
	Family Practice	5	35.2
	Internal Medicine (General)	0	0.0
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		0	0.0
Surgery Specialties		1	7.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	1	7.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		2	14.1
	Anesthesiology	1	7.0
	Pathology	0	0.0
	Radiology	1	7.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		0	0.0
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		9	61.4

Presque Isle

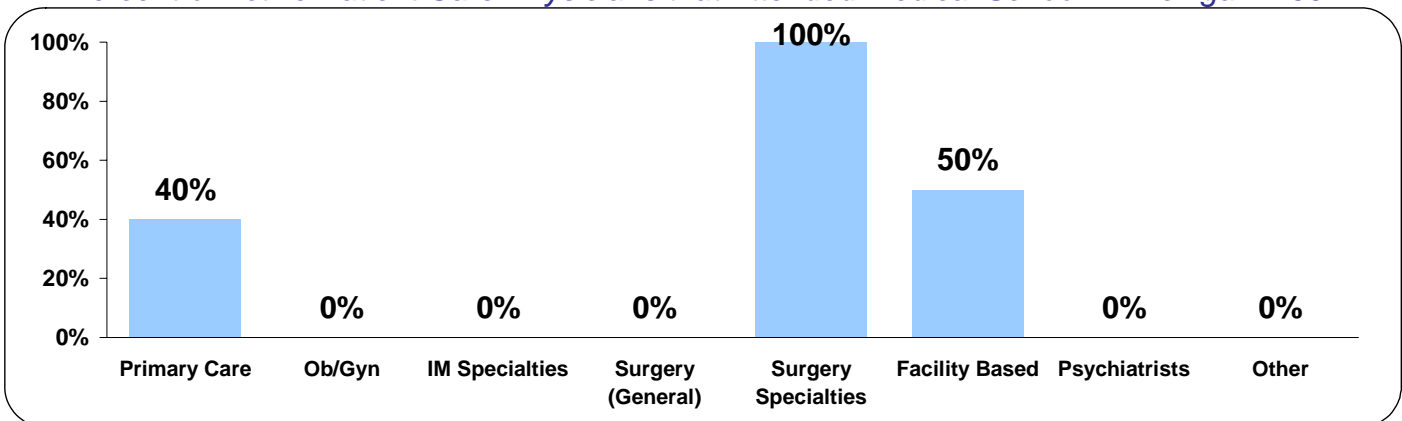
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

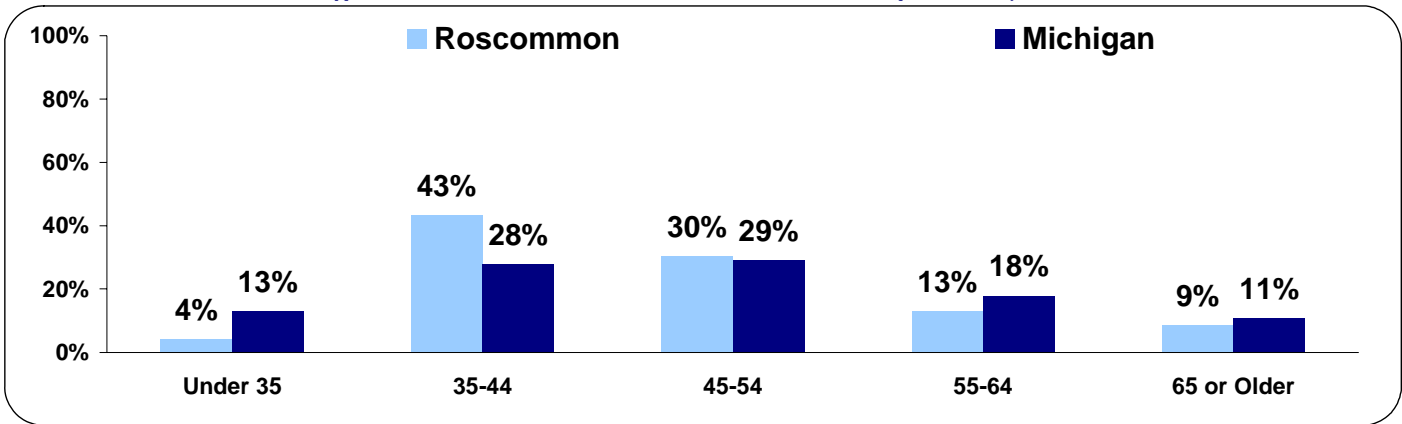


Roscommon

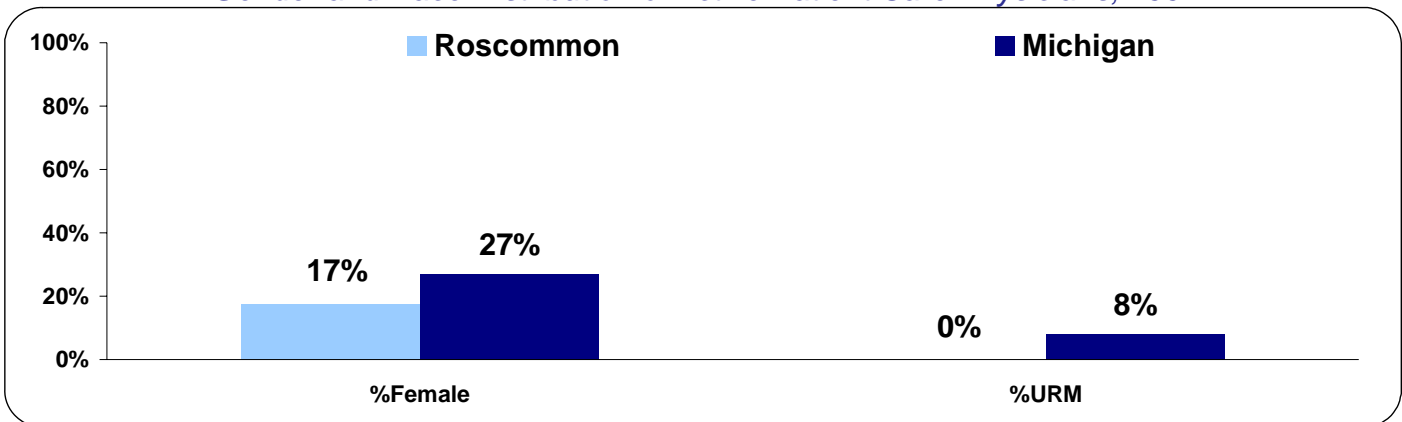
Population		<u>Roscommon</u> 25,834		<u>Michigan</u> 10,158,867
		<u>#</u>	<u>#/100k Pop</u>	<u>#/100k Pop</u>
Primary Care		13	50.3	86.8
	Family Practice	11	42.6	38.6
	Internal Medicine (General)	2	7.7	33.7
	Pediatrics (General)	0	0.0	14.5
Ob/Gyn		0	0.0	13.2
	Obstetrics & Gynecology	0	0.0	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		1	3.9	21.3
	Cardiology	0	0.0	5.9
	Endocrinology & Metabolism	0	0.0	1.0
	Gastroenterology	0	0.0	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	0	0.0	1.3
	Medical Oncology	0	0.0	1.8
	Nephrology	0	0.0	2.0
	Pulmonary Disease	0	0.0	2.3
	Rheumatology	0	0.0	1.2
	Other Internal Medicine	1	3.9	2.5
Surgery (General)		1	3.9	8.6
Surgery Specialties		0	0.0	24.6
	Neurosurgery	0	0.0	1.4
	Ophthalmology	0	0.0	5.8
	Orthopedics	0	0.0	6.2
	Otolaryngology	0	0.0	2.5
	Plastic Surgery	0	0.0	1.7
	Thoracic Surgery	0	0.0	1.4
	Urology	0	0.0	3.0
	Other Surgery Specialties	0	0.0	2.7
Facility Based		0	0.0	26.3
	Anesthesiology	0	0.0	9.6
	Pathology	0	0.0	5.0
	Radiology	0	0.0	11.8
Psychiatrists		0	0.0	12.2
	Psychiatry - Adult	0	0.0	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		6	23.2	29.9
	Allergy & Immunology	0	0.0	1.5
	Dermatology	0	0.0	2.9
	Emergency Medicine	2	7.7	10.8
	Neurology	0	0.0	3.9
	Pediatrics Subspecialties	3	11.6	4.5
	Physical Medicine & Rehab	0	0.0	3.0
	Prev Med/Occ Med/Public Hlth	1	3.9	1.7
	Other	0	0.0	1.7
Total Physicians		23	89.0	234.0

Roscommon

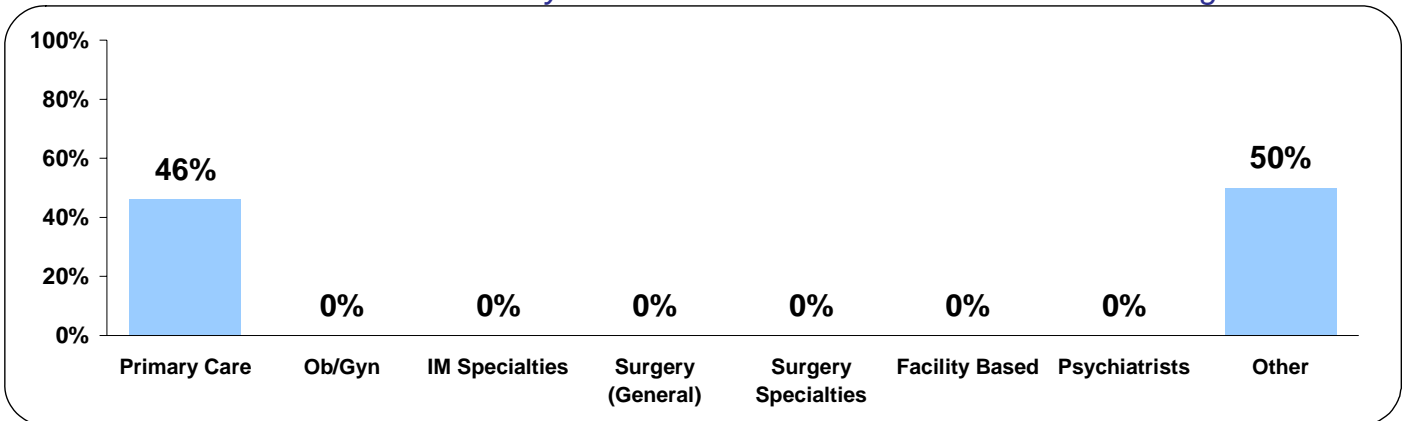
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

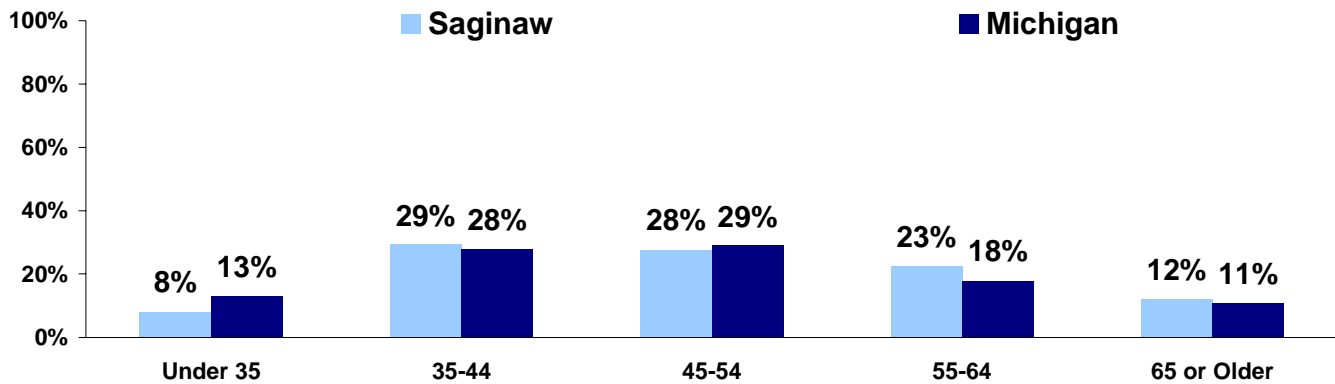


Saginaw

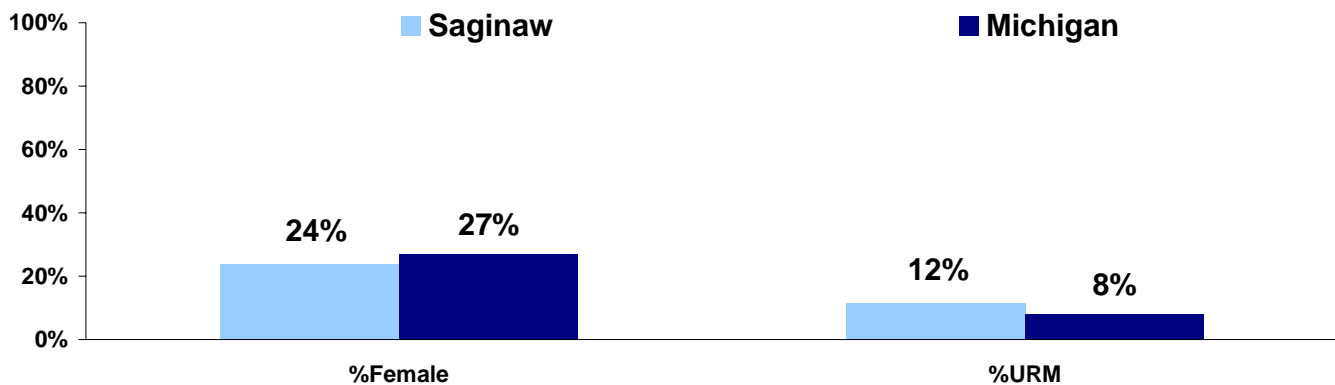
Population		Saginaw 207,975	Michigan 10,158,867	
		#	#/100k Pop	#/100k Pop
Primary Care		198	95.2	86.8
	Family Practice	113	54.3	38.6
	Internal Medicine (General)	66	31.7	33.7
	Pediatrics (General)	19	9.1	14.5
Ob/Gyn		23	11.1	13.2
	Obstetrics & Gynecology	23	11.1	12.6
	Gynecology (Only)	0	0.0	0.6
IM Specialties		52	25.0	21.3
	Cardiology	23	11.1	5.9
	Endocrinology & Metabolism	2	1.0	1.0
	Gastroenterology	4	1.9	2.6
	Geriatrics	0	0.0	0.7
	Infectious Disease	4	1.9	1.3
	Medical Oncology	2	1.0	1.8
	Nephrology	5	2.4	2.0
	Pulmonary Disease	3	1.4	2.3
	Rheumatology	5	2.4	1.2
	Other Internal Medicine	4	1.9	2.5
Surgery (General)		21	10.1	8.6
Surgery Specialties		67	32.2	24.6
	Neurosurgery	6	2.9	1.4
	Ophthalmology	15	7.2	5.8
	Orthopedics	13	6.3	6.2
	Otolaryngology	7	3.4	2.5
	Plastic Surgery	4	1.9	1.7
	Thoracic Surgery	5	2.4	1.4
	Urology	10	4.8	3.0
	Other Surgery Specialties	7	3.4	2.7
Facility Based		74	35.6	26.3
	Anesthesiology	27	13.0	9.6
	Pathology	8	3.8	5.0
	Radiology	39	18.8	11.8
Psychiatrists		6	2.9	12.2
	Psychiatry - Adult	6	2.9	10.3
	Psychiatry - Child & Adolescent	0	0.0	1.9
Other		73	35.1	29.9
	Allergy & Immunology	2	1.0	1.5
	Dermatology	2	1.0	2.9
	Emergency Medicine	43	20.7	10.8
	Neurology	7	3.4	3.9
	Pediatrics Subspecialties	4	1.9	4.5
	Physical Medicine & Rehab	3	1.4	3.0
	Prev Med/Occ Med/Public Hlth	6	2.9	1.7
	Other	6	2.9	1.7
Total Physicians		519	249.3	234.0

Saginaw

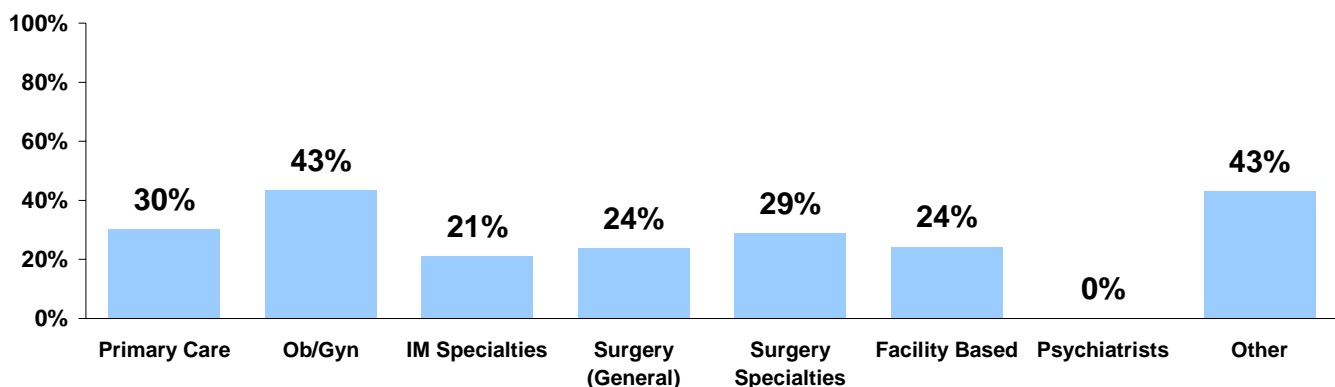
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



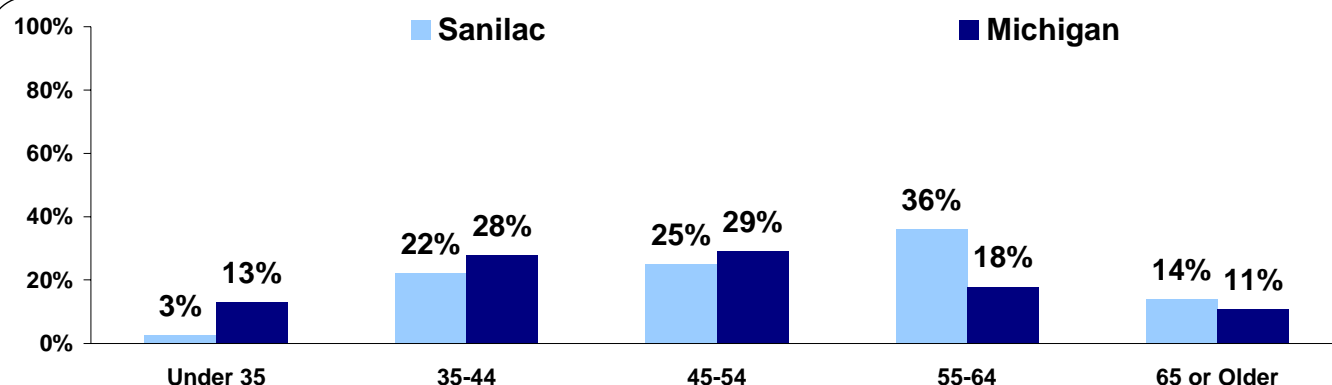
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



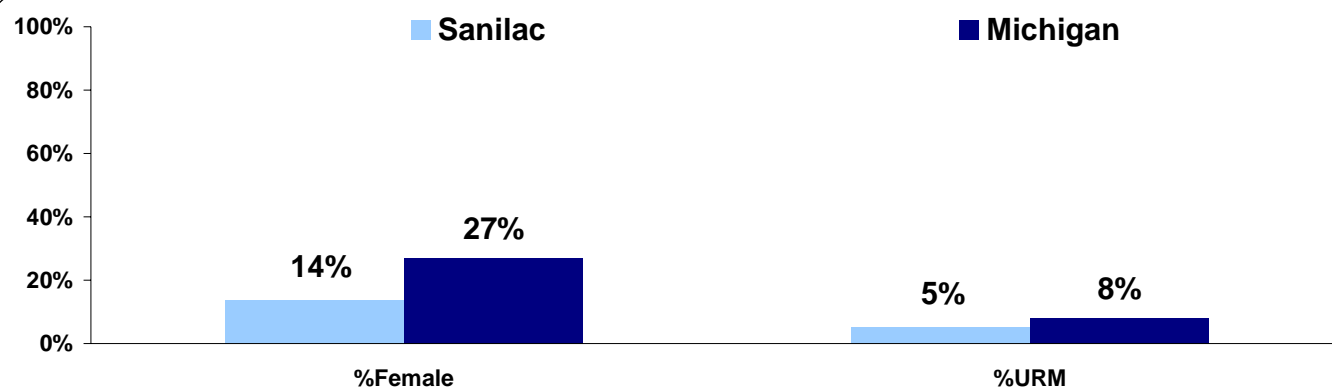
Sanilac

Population		<u>Sanilac</u> 44,595	<u>Michigan</u> 10,158,867
		<u>#</u>	<u>#/100k Pop</u>
Primary Care		23	51.6
	Family Practice	17	38.1
	Internal Medicine (General)	5	11.2
	Pediatrics (General)	1	2.2
Ob/Gyn		2	4.5
	Obstetrics & Gynecology	2	4.5
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		2	4.5
Surgery Specialties		3	6.7
	Neurosurgery	0	0.0
	Ophthalmology	1	2.2
	Orthopedics	2	4.5
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		3	6.7
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	3	6.7
Psychiatrists		1	2.2
	Psychiatry - Adult	1	2.2
	Psychiatry - Child & Adolescent	0	0.0
Other		2	4.5
	Allergy & Immunology	1	2.2
	Dermatology	0	0.0
	Emergency Medicine	1	2.2
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		37	82.2

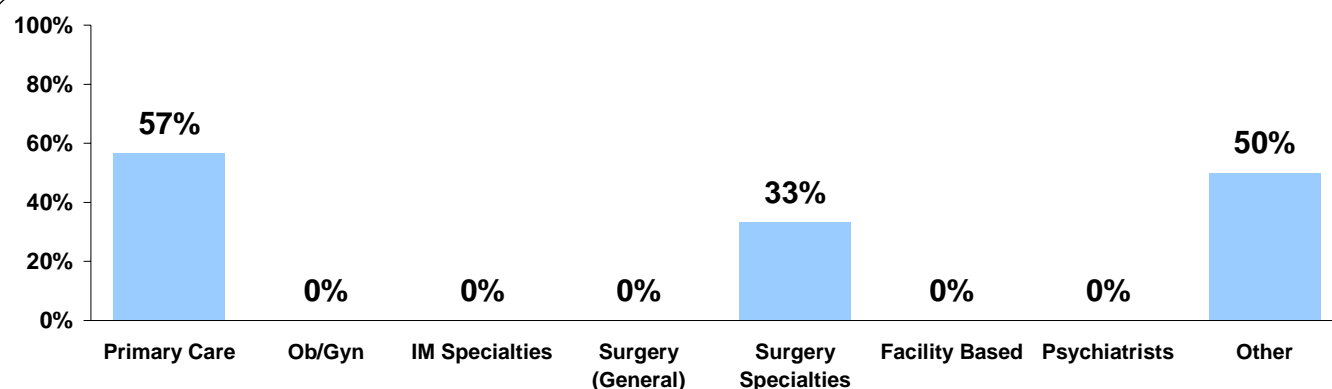
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

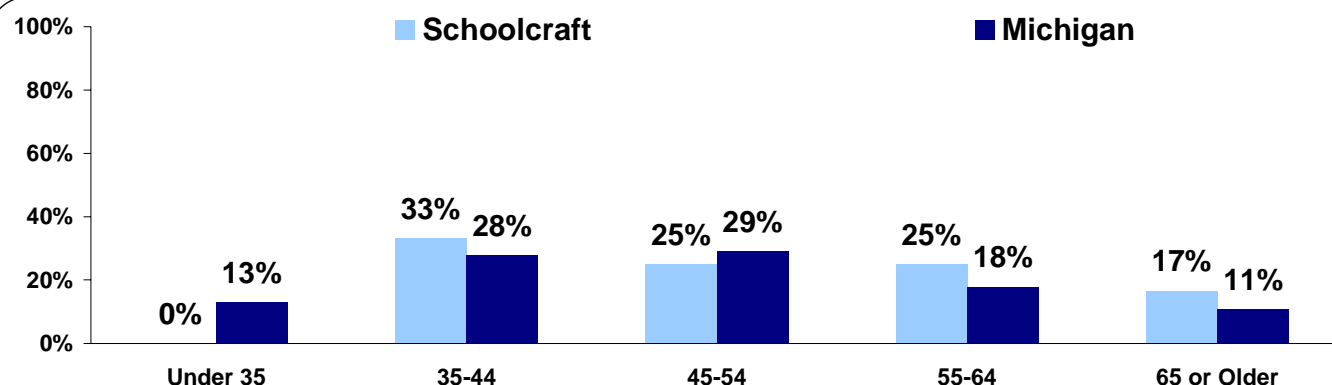


Schoolcraft

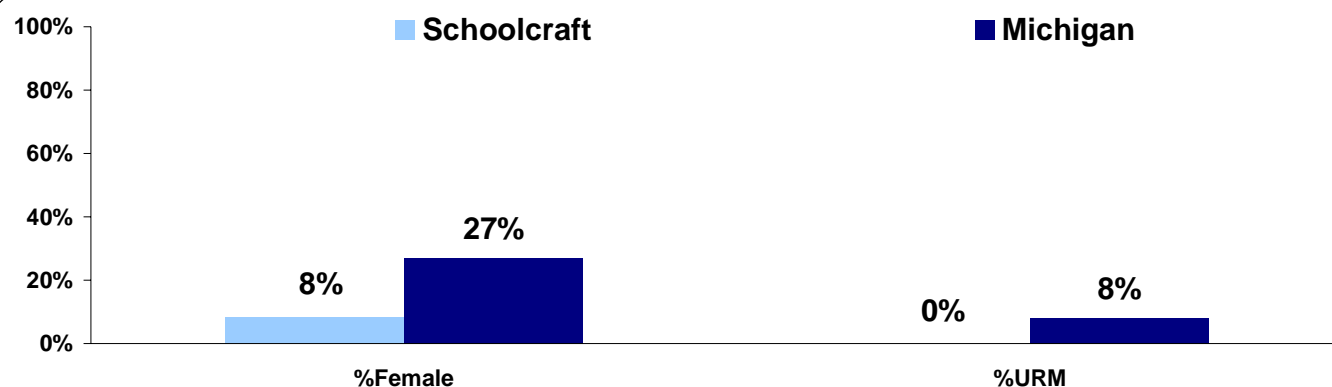
Population		Schoolcraft 8,799	Michigan 10,158,867
		#	#/100k Pop
Primary Care		8	90.9
	Family Practice	7	79.6
	Internal Medicine (General)	1	11.4
	Pediatrics (General)	0	0.0
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		1	11.4
Surgery Specialties		0	0.0
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	0	0.0
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		0	0.0
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	0	0.0
Psychiatrists		0	0.0
	Psychiatry - Adult	0	0.0
	Psychiatry - Child & Adolescent	0	0.0
Other		2	22.7
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	1	11.4
	Neurology	0	0.0
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	1	11.4
	Other	0	0.0
Total Physicians		12	133.3

Schoolcraft

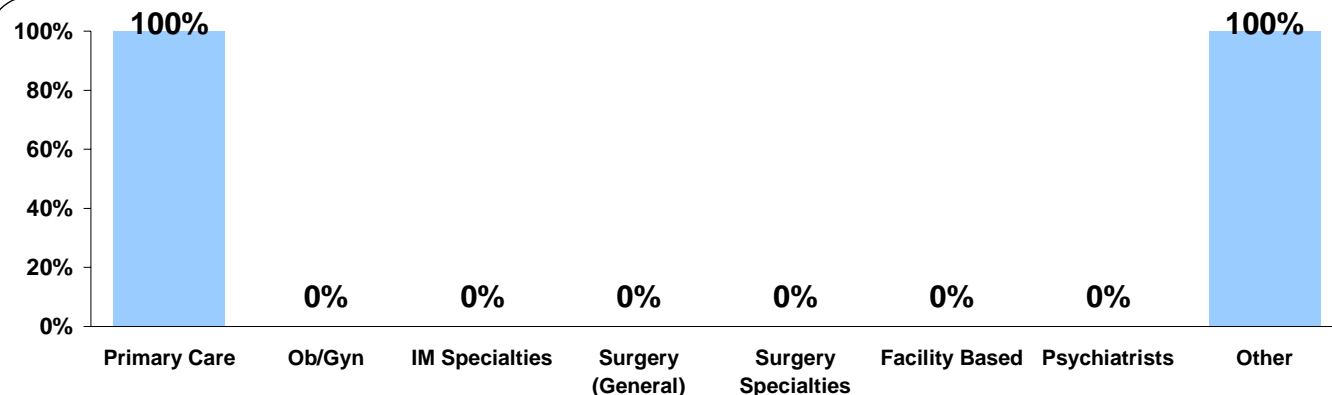
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

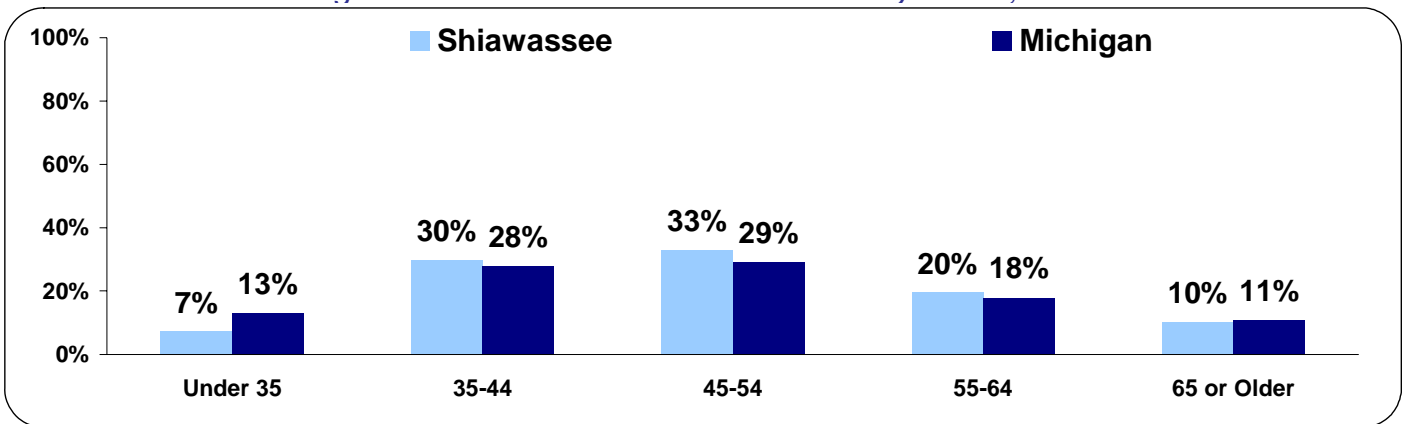


Shiawassee

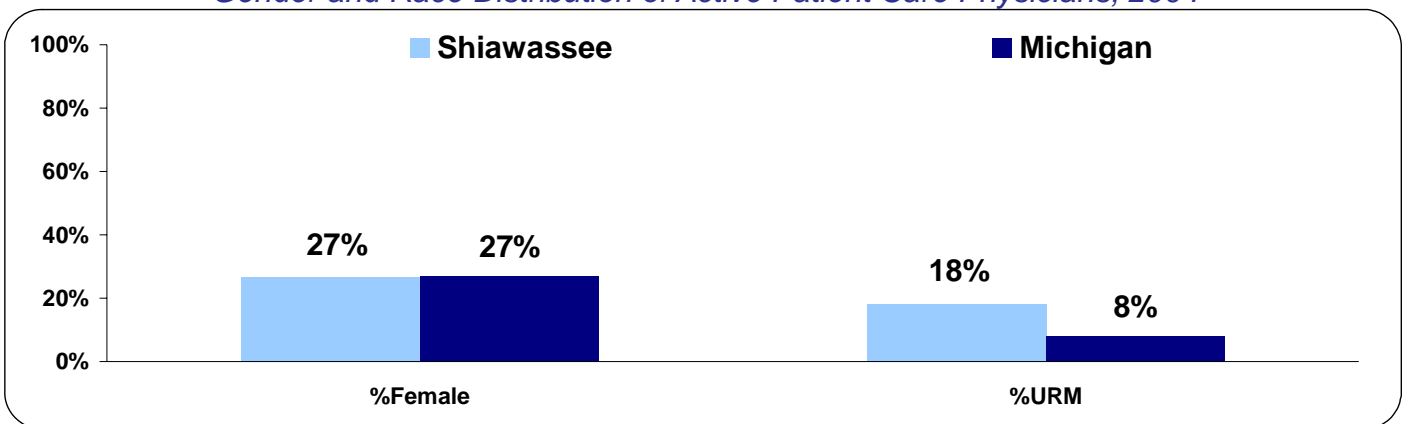
Population		Shiawassee 72,766	Michigan 10,158,867
		#	#/100k Pop
Primary Care		41	56.3
	Family Practice	27	37.1
	Internal Medicine (General)	10	13.7
	Pediatrics (General)	4	5.5
Ob/Gyn		4	5.5
	Obstetrics & Gynecology	4	5.5
	Gynecology (Only)	0	0.0
IM Specialties		5	6.9
	Cardiology	1	1.4
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	2	2.7
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	1	1.4
	Rheumatology	0	0.0
	Other Internal Medicine	1	1.4
Surgery (General)		5	6.9
Surgery Specialties		6	8.2
	Neurosurgery	0	0.0
	Ophthalmology	2	2.7
	Orthopedics	1	1.4
	Otolaryngology	0	0.0
	Plastic Surgery	1	1.4
	Thoracic Surgery	0	0.0
	Urology	2	2.7
	Other Surgery Specialties	0	0.0
Facility Based		7	9.6
	Anesthesiology	1	1.4
	Pathology	2	2.7
	Radiology	4	5.5
Psychiatrists		5	6.9
	Psychiatry - Adult	5	6.9
	Psychiatry - Child & Adolescent	0	0.0
Other		18	24.7
	Allergy & Immunology	0	0.0
	Dermatology	3	4.1
	Emergency Medicine	11	15.1
	Neurology	1	1.4
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	2	2.7
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	1	1.4
Total Physicians		98	134.9

Shiawassee

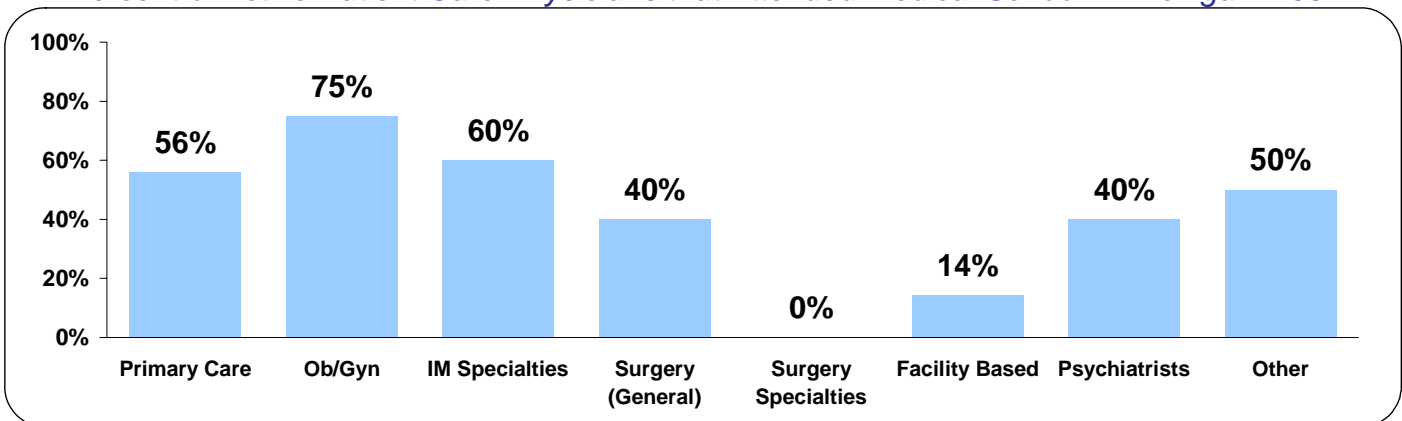
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



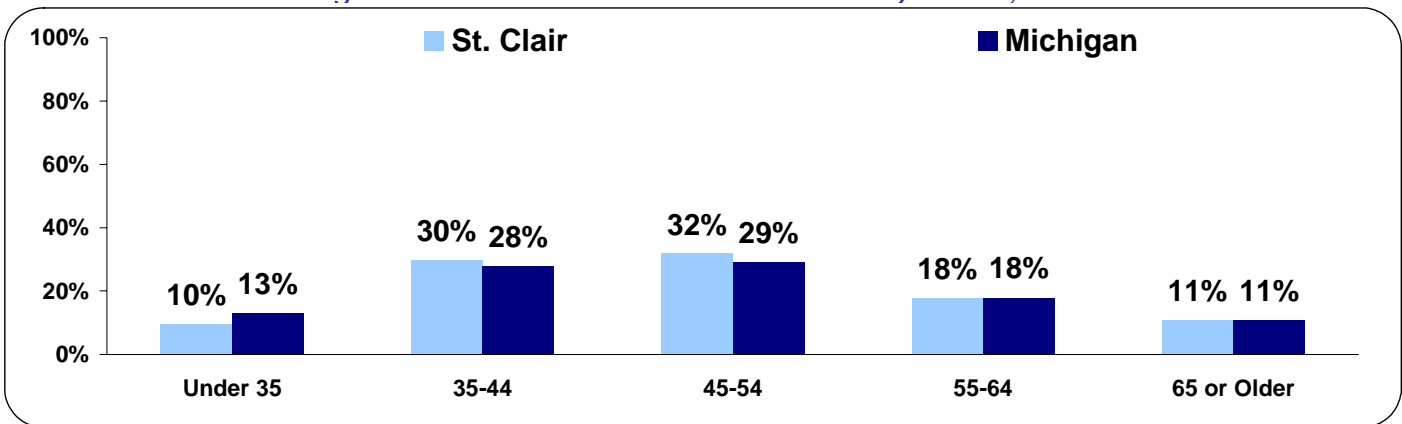
Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



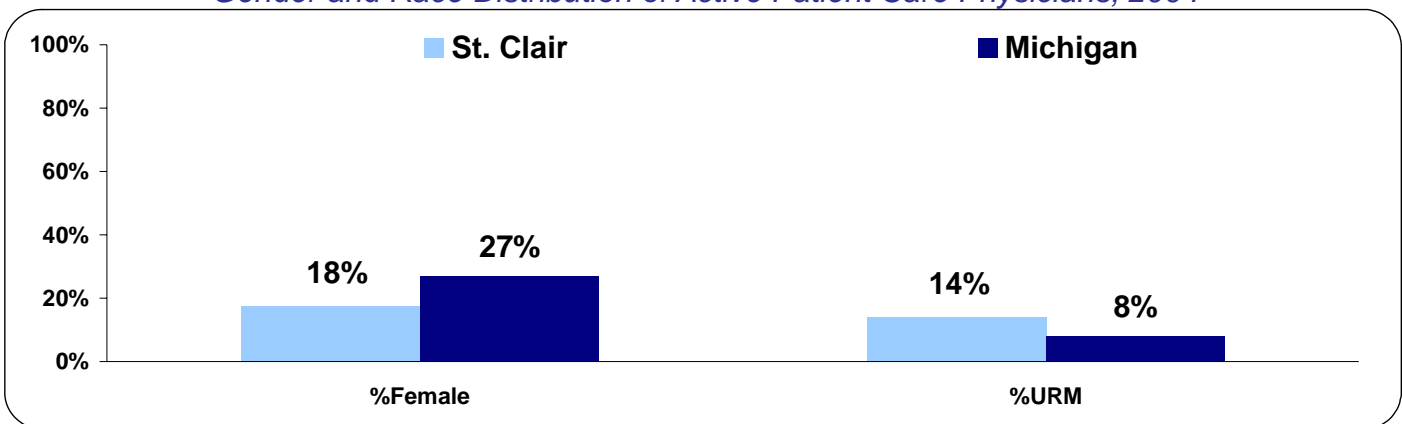
St. Clair

Population		St. Clair 172,325	Michigan 10,158,867
		#	#/100k Pop
Primary Care		91	52.8
	Family Practice	61	35.4
	Internal Medicine (General)	21	12.2
	Pediatrics (General)	9	5.2
Ob/Gyn		15	8.7
	Obstetrics & Gynecology	12	7.0
	Gynecology (Only)	3	1.7
IM Specialties		26	15.1
	Cardiology	8	4.6
	Endocrinology & Metabolism	2	1.2
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	2	1.2
	Medical Oncology	2	1.2
	Nephrology	1	0.6
	Pulmonary Disease	5	2.9
	Rheumatology	2	1.2
	Other Internal Medicine	4	2.3
Surgery (General)		12	7.0
Surgery Specialties		33	19.1
	Neurosurgery	1	0.6
	Ophthalmology	8	4.6
	Orthopedics	11	6.4
	Otolaryngology	4	2.3
	Plastic Surgery	1	0.6
	Thoracic Surgery	1	0.6
	Urology	5	2.9
	Other Surgery Specialties	2	1.2
Facility Based		24	13.9
	Anesthesiology	9	5.2
	Pathology	3	1.7
	Radiology	12	7.0
Psychiatrists		12	7.0
	Psychiatry - Adult	10	5.8
	Psychiatry - Child & Adolescent	2	1.2
Other		30	17.4
	Allergy & Immunology	3	1.7
	Dermatology	5	2.9
	Emergency Medicine	11	6.4
	Neurology	6	3.5
	Pediatrics Subspecialties	1	0.6
	Physical Medicine & Rehab	2	1.2
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	2	1.2
Total Physicians		251	145.7

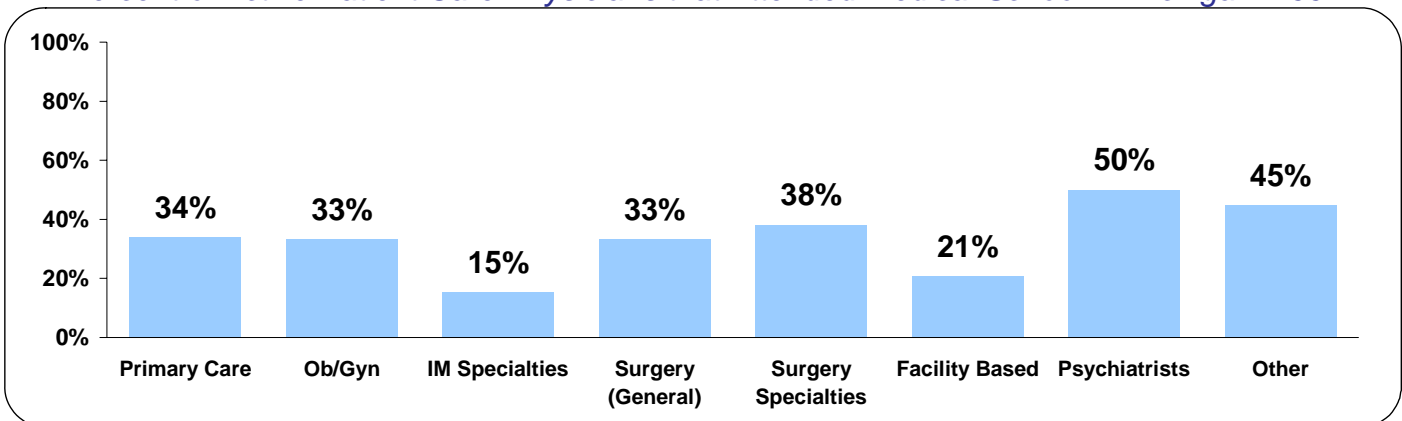
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

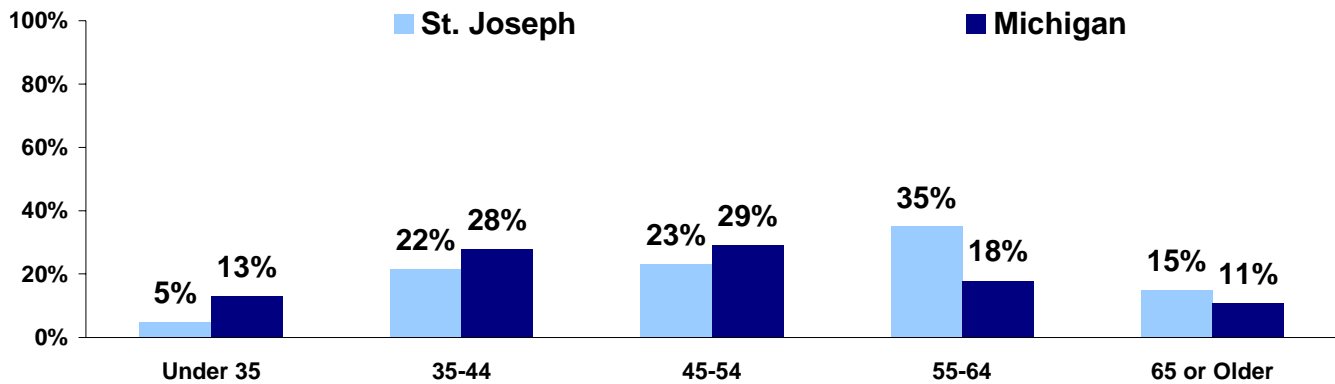


St. Joseph

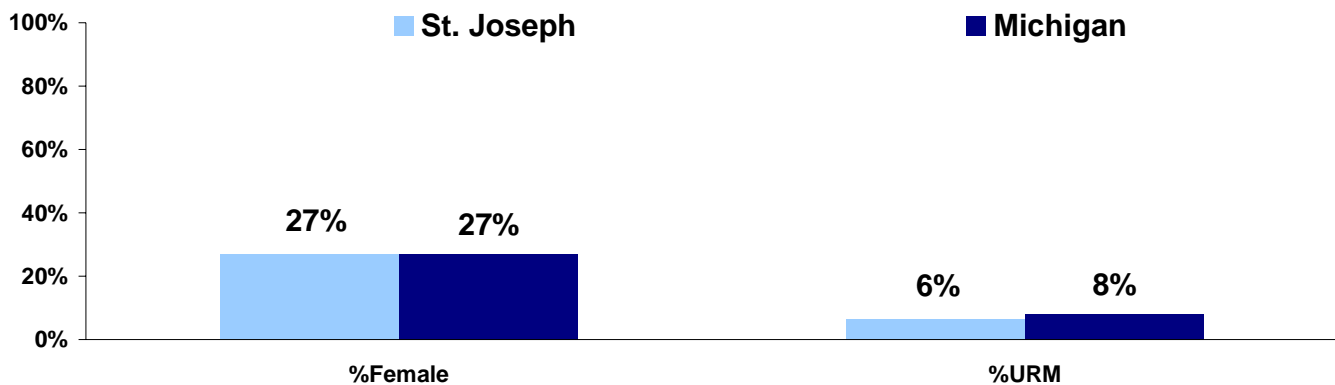
Population		St. Joseph 63,273	Michigan 10,158,867
		#	#/100k Pop
Primary Care		32	50.6
	Family Practice	21	33.2
	Internal Medicine (General)	6	9.5
	Pediatrics (General)	5	7.9
Ob/Gyn		4	6.3
	Obstetrics & Gynecology	3	4.7
	Gynecology (Only)	1	1.6
IM Specialties		0	0.0
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		5	7.9
Surgery Specialties		5	7.9
	Neurosurgery	0	0.0
	Ophthalmology	3	4.7
	Orthopedics	1	1.6
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	1	1.6
	Other Surgery Specialties	0	0.0
Facility Based		7	11.1
	Anesthesiology	4	6.3
	Pathology	1	1.6
	Radiology	2	3.2
Psychiatrists		1	1.6
	Psychiatry - Adult	1	1.6
	Psychiatry - Child & Adolescent	0	0.0
Other		5	7.9
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	2	3.2
	Neurology	0	0.0
	Pediatrics Subspecialties	1	1.6
	Physical Medicine & Rehab	1	1.6
	Prev Med/Occ Med/Public Hlth	1	1.6
	Other	0	0.0
Total Physicians		59	94.0

St. Joseph

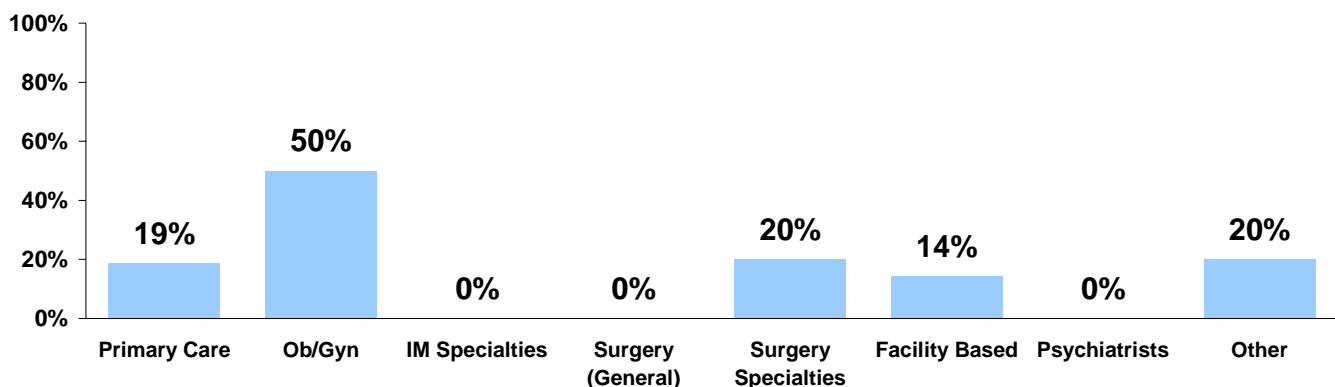
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

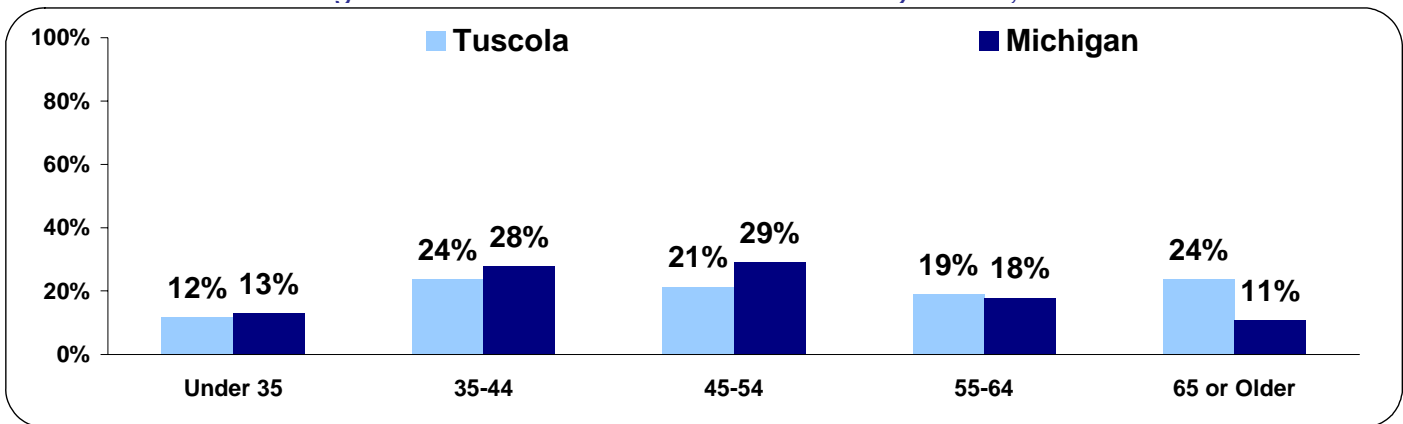


Tuscola

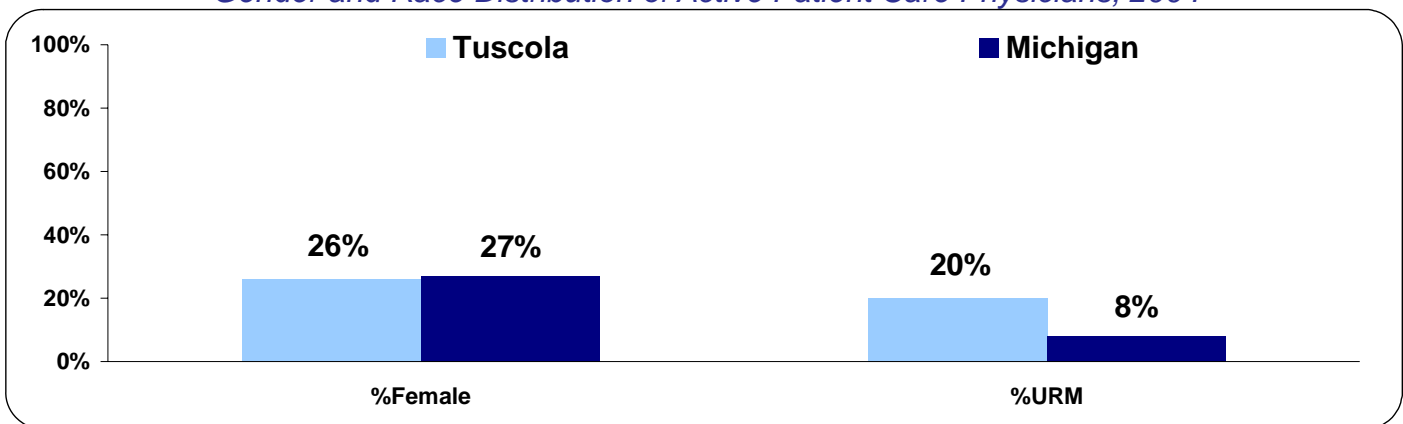
Population		<u>Tuscola</u> 58,341	<u>Michigan</u> 10,158,867
		<u>#</u>	<u>#/100k Pop</u>
Primary Care		23	39.4
	Family Practice	12	20.6
	Internal Medicine (General)	10	17.1
	Pediatrics (General)	1	1.7
Ob/Gyn		0	0.0
	Obstetrics & Gynecology	0	0.0
	Gynecology (Only)	0	0.0
IM Specialties		2	3.4
	Cardiology	0	0.0
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	1	1.7
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	1	1.7
	Other Internal Medicine	0	0.0
Surgery (General)		1	1.7
Surgery Specialties		2	3.4
	Neurosurgery	0	0.0
	Ophthalmology	0	0.0
	Orthopedics	2	3.4
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		1	1.7
	Anesthesiology	0	0.0
	Pathology	1	1.7
	Radiology	0	0.0
Psychiatrists		8	13.7
	Psychiatry - Adult	8	13.7
	Psychiatry - Child & Adolescent	0	0.0
Other		4	6.9
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	2	3.4
	Neurology	1	1.7
	Pediatrics Subspecialties	0	0.0
	Physical Medicine & Rehab	1	1.7
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		42	71.9

Tuscola

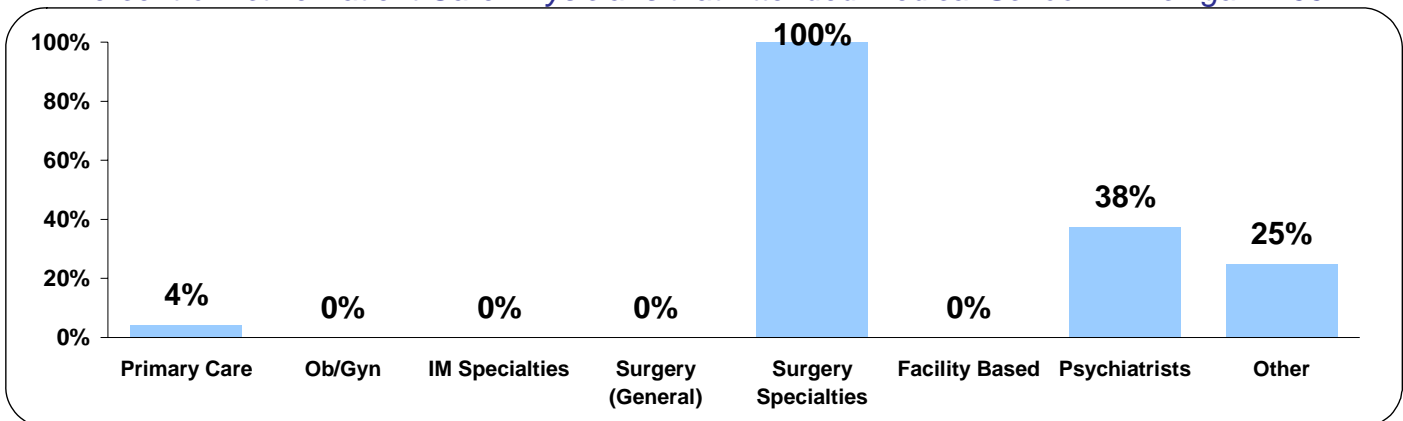
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

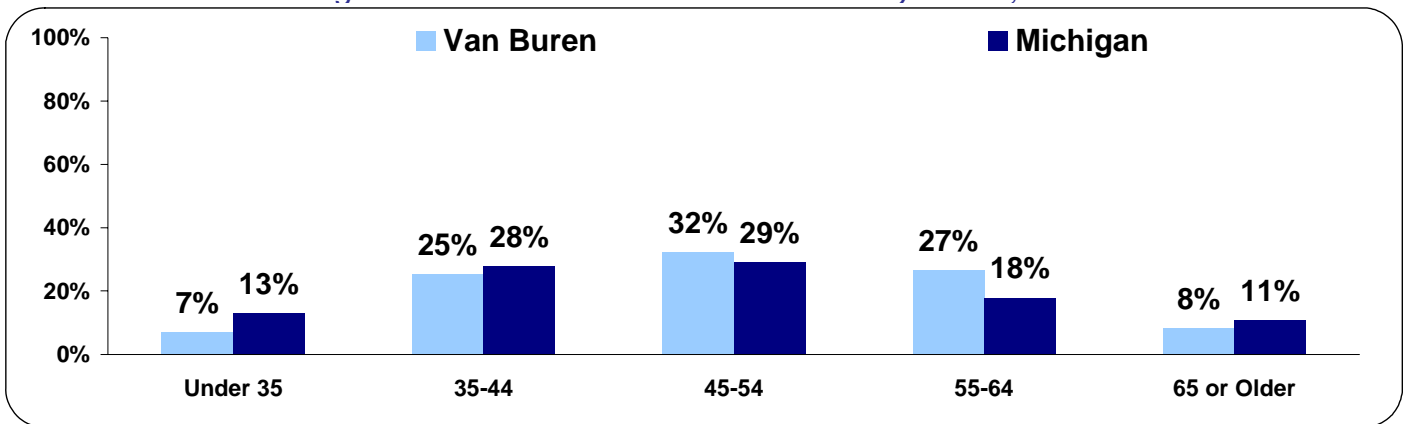


Van Buren

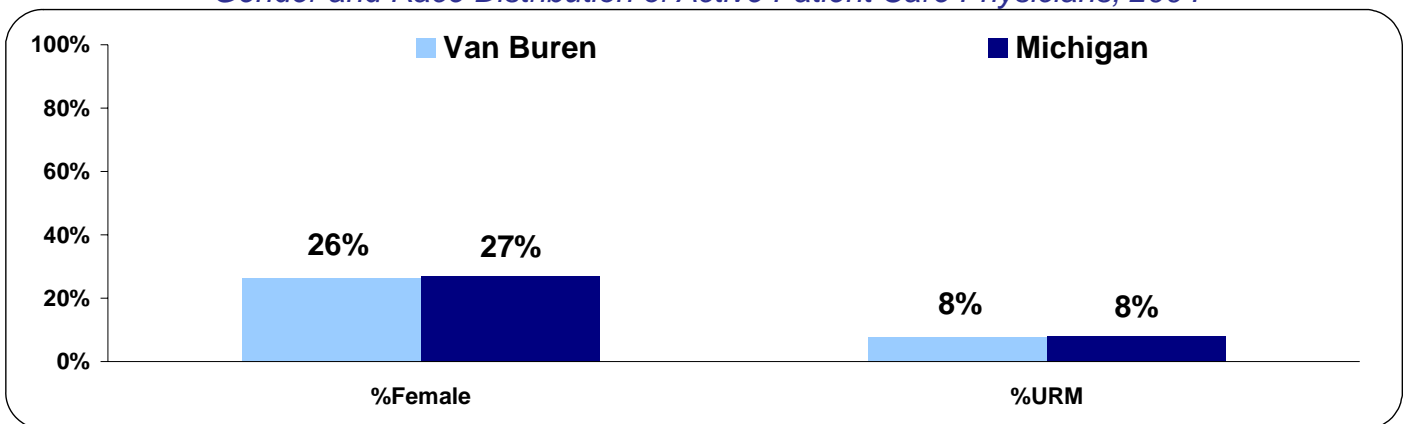
Population		Van Buren 77,775	Michigan 10,158,867
		#	#/100k Pop
Primary Care		47	60.4
	Family Practice	29	37.3
	Internal Medicine (General)	12	15.4
	Pediatrics (General)	6	7.7
Ob/Gyn		5	6.4
	Obstetrics & Gynecology	5	6.4
	Gynecology (Only)	0	0.0
IM Specialties		3	3.9
	Cardiology	2	2.6
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	1	1.3
	Geriatrics	0	0.0
	Infectious Disease	0	0.0
	Medical Oncology	0	0.0
	Nephrology	0	0.0
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		2	2.6
Surgery Specialties		3	3.9
	Neurosurgery	0	0.0
	Ophthalmology	1	1.3
	Orthopedics	2	2.6
	Otolaryngology	0	0.0
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	0	0.0
	Other Surgery Specialties	0	0.0
Facility Based		1	1.3
	Anesthesiology	0	0.0
	Pathology	0	0.0
	Radiology	1	1.3
Psychiatrists		2	2.6
	Psychiatry - Adult	1	1.3
	Psychiatry - Child & Adolescent	1	1.3
Other		8	10.3
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	5	6.4
	Neurology	0	0.0
	Pediatrics Subspecialties	3	3.9
	Physical Medicine & Rehab	0	0.0
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		72	92.8

Van Buren

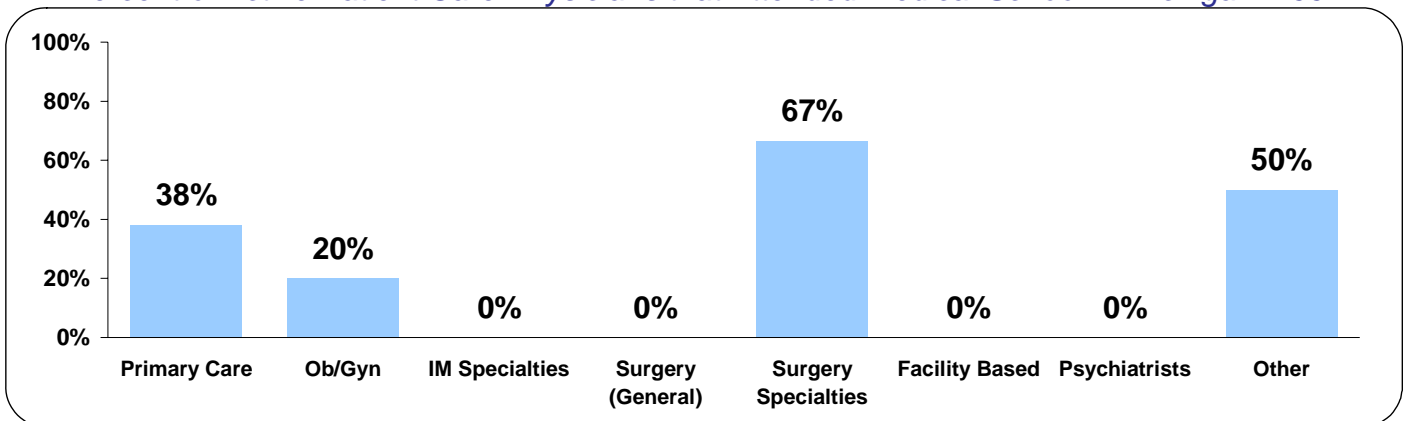
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

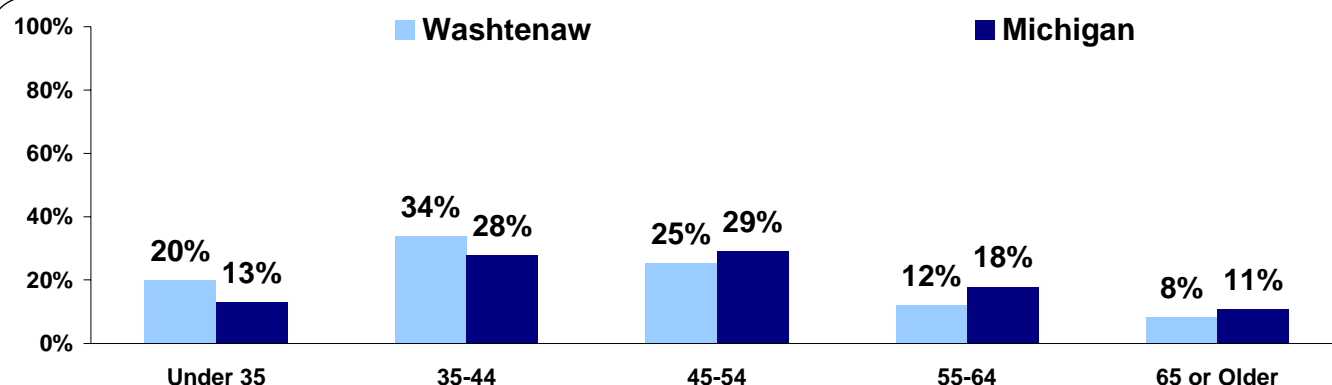


Washtenaw

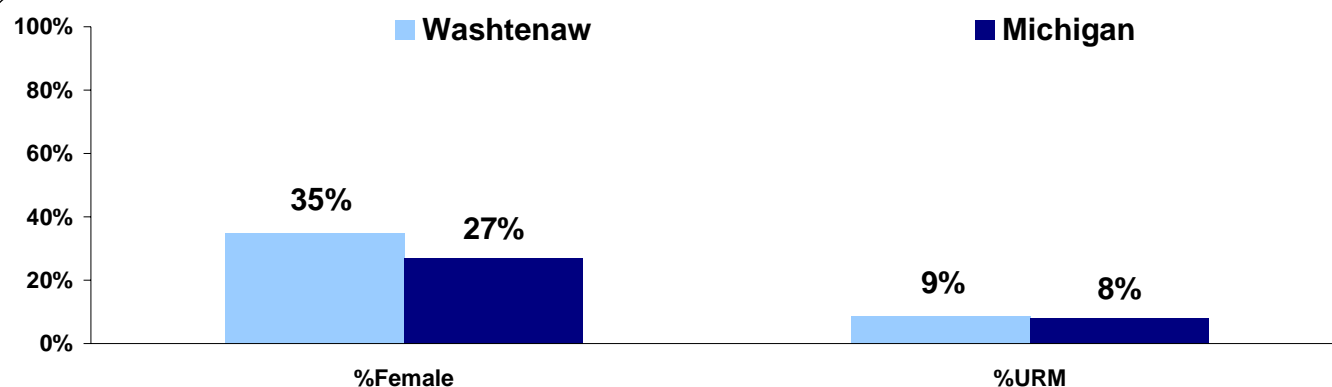
Population		Washtenaw 344,534	Michigan 10,158,867
		#	#/100k Pop
Primary Care		578	167.8
	Family Practice	143	41.5
	Internal Medicine (General)	308	89.4
	Pediatrics (General)	127	36.9
Ob/Gyn		95	27.6
	Obstetrics & Gynecology	88	25.5
	Gynecology (Only)	7	2.0
IM Specialties		289	83.9
	Cardiology	62	18.0
	Endocrinology & Metabolism	23	6.7
	Gastroenterology	37	10.7
	Geriatrics	12	3.5
	Infectious Disease	9	2.6
	Medical Oncology	24	7.0
	Nephrology	30	8.7
	Pulmonary Disease	28	8.1
	Rheumatology	21	6.1
	Other Internal Medicine	43	12.5
Surgery (General)		67	19.4
Surgery Specialties		246	71.4
	Neurosurgery	16	4.6
	Ophthalmology	50	14.5
	Orthopedics	47	13.6
	Otolaryngology	25	7.3
	Plastic Surgery	21	6.1
	Thoracic Surgery	19	5.5
	Urology	34	9.9
	Other Surgery Specialties	34	9.9
Facility Based		329	95.5
	Anesthesiology	117	34.0
	Pathology	71	20.6
	Radiology	141	40.9
Psychiatrists		190	55.1
	Psychiatry - Adult	157	45.6
	Psychiatry - Child & Adolescent	33	9.6
Other		368	106.8
	Allergy & Immunology	12	3.5
	Dermatology	31	9.0
	Emergency Medicine	80	23.2
	Neurology	69	20.0
	Pediatrics Subspecialties	98	28.4
	Physical Medicine & Rehab	45	13.1
	Prev Med/Occ Med/Public Hlth	16	4.6
	Other	17	4.9
Total Physicians		2,217	643.3

Washtenaw

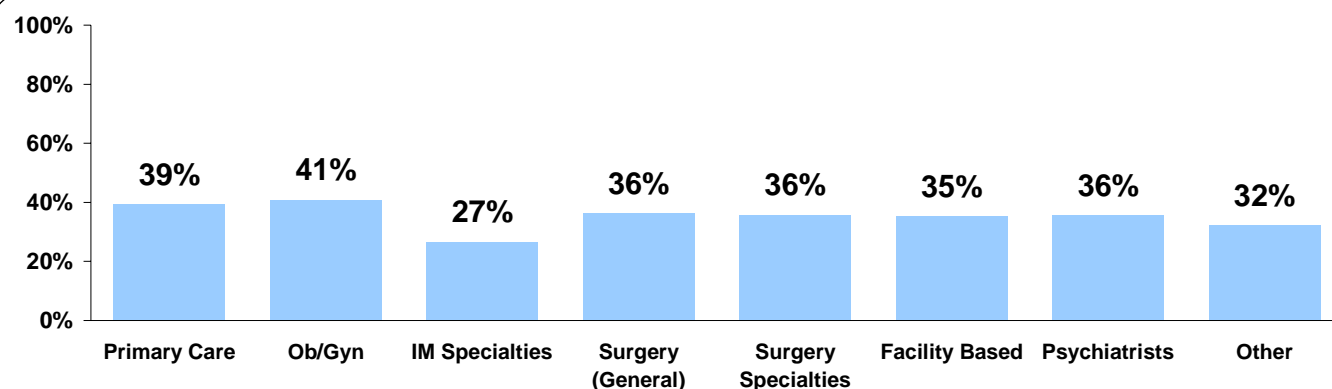
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

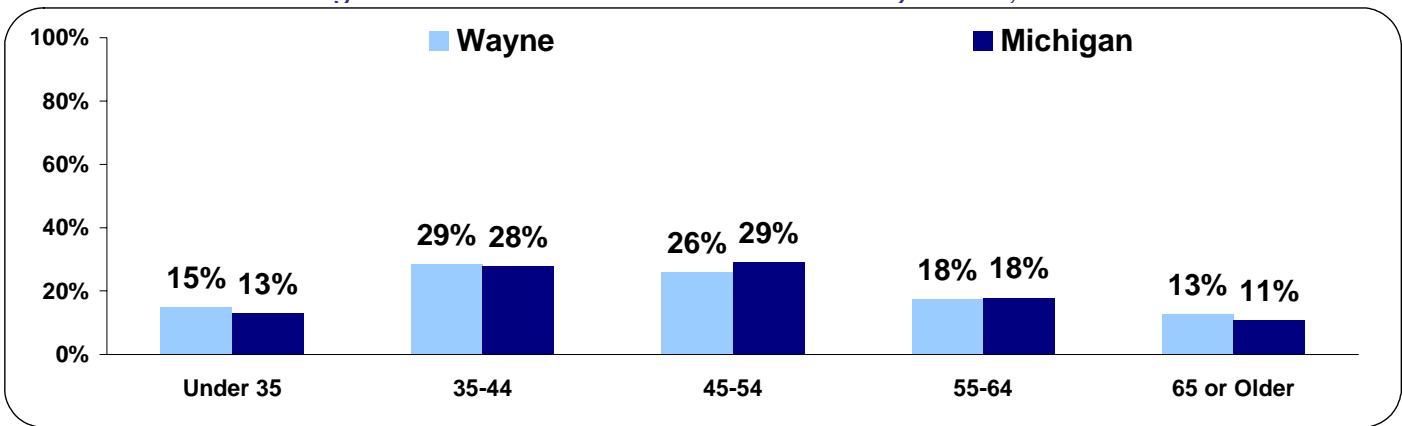


Wayne

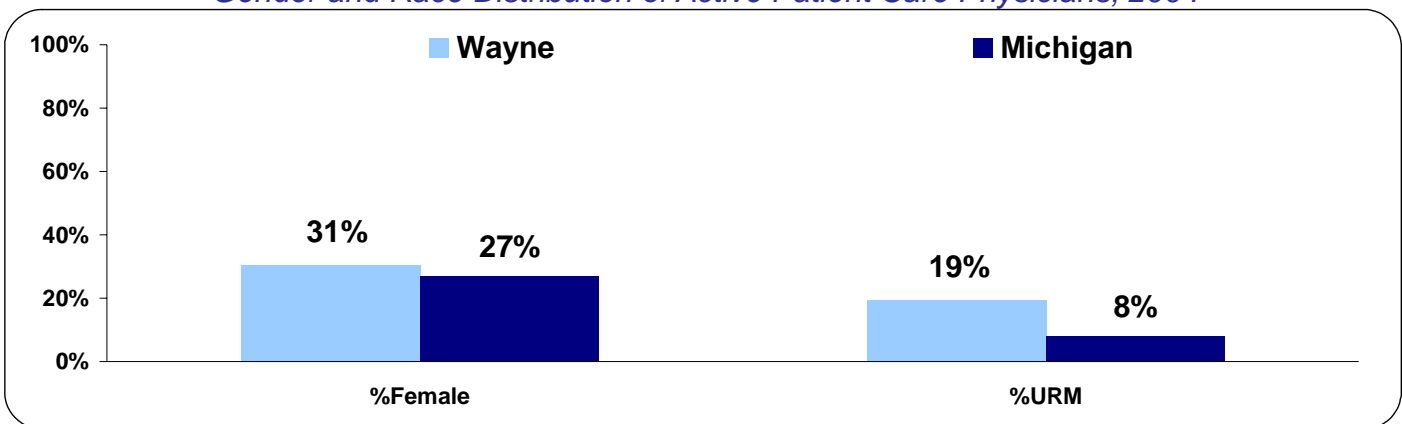
Population		Wayne 2,032,822	Michigan 10,158,867		
		#	#/100k Pop	#/100k Pop	
Primary Care		1,788	88.0	86.8	
	Family Practice	569	28.0	38.6	
	Internal Medicine (General)	858	42.2	33.7	
	Pediatrics (General)	361	17.8	14.5	
Ob/Gyn		261	12.8	13.2	
	Obstetrics & Gynecology	251	12.3	12.6	
	Gynecology (Only)	10	0.5	0.6	
IM Specialties		476	23.4	21.3	
	Cardiology	99	4.9	5.9	
	Endocrinology & Metabolism	23	1.1	1.0	
	Gastroenterology	45	2.2	2.6	
	Geriatrics	19	0.9	0.7	
	Infectious Disease	40	2.0	1.3	
	Medical Oncology	42	2.1	1.8	
	Nephrology	70	3.4	2.0	
	Pulmonary Disease	57	2.8	2.3	
	Rheumatology	18	0.9	1.2	
	Other Internal Medicine	63	3.1	2.5	
	Surgery (General)		160	7.9	8.6
	Surgery Specialties		450	22.1	24.6
Neurosurgery		40	2.0	1.4	
Ophthalmology		121	6.0	5.8	
Orthopedics		94	4.6	6.2	
Otolaryngology		40	2.0	2.5	
Plastic Surgery		21	1.0	1.7	
Thoracic Surgery		35	1.7	1.4	
Urology		50	2.5	3.0	
Other Surgery Specialties		49	2.4	2.7	
Facility Based			609	30.0	26.3
	Anesthesiology	220	10.8	9.6	
	Pathology	132	6.5	5.0	
	Radiology	257	12.6	11.8	
Psychiatrists		233	11.5	12.2	
	Psychiatry - Adult	201	9.9	10.3	
	Psychiatry - Child & Adolescent	32	1.6	1.9	
Other		652	32.1	29.9	
	Allergy & Immunology	27	1.3	1.5	
	Dermatology	57	2.8	2.9	
	Emergency Medicine	233	11.5	10.8	
	Neurology	100	4.9	3.9	
	Pediatrics Subspecialties	101	5.0	4.5	
	Physical Medicine & Rehab	48	2.4	3.0	
	Prev Med/Occ Med/Public Hlth	42	2.1	1.7	
	Other	44	2.2	1.7	
	Total Physicians		4,856	238.9	234.0

Wayne

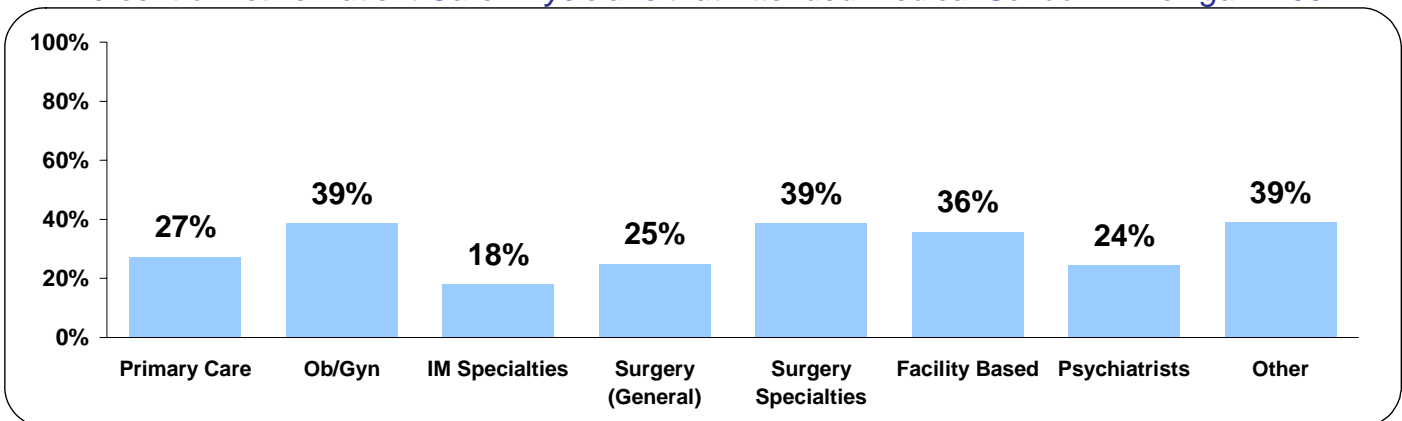
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004

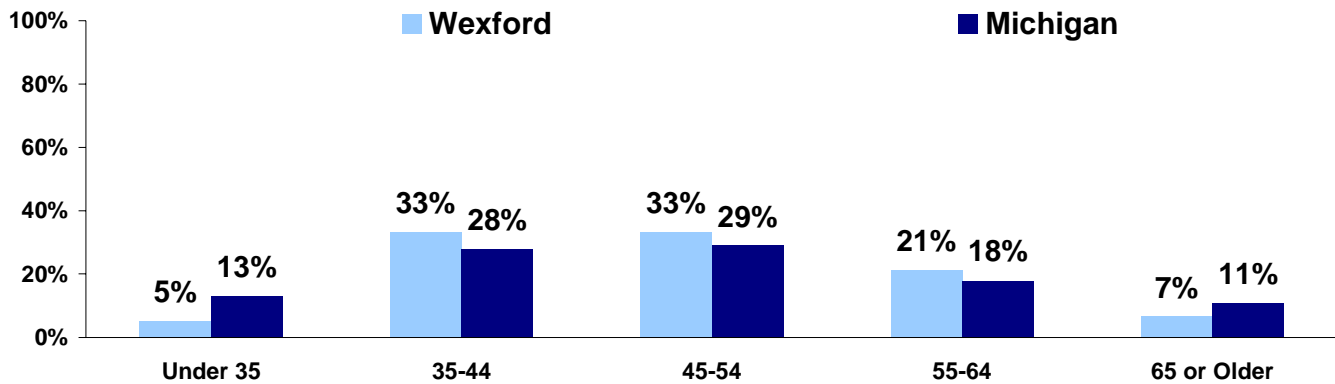


Wexford

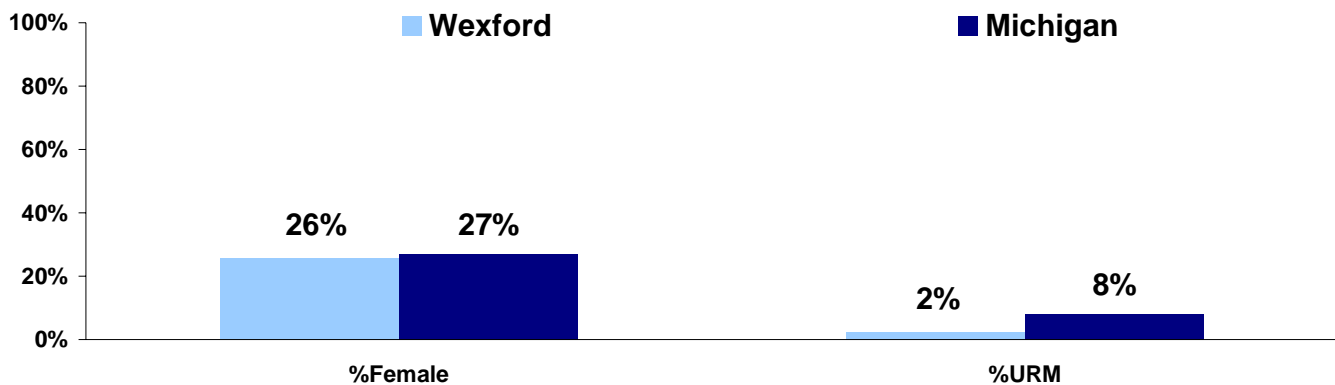
Population		Wexford 31,592	Michigan 10,158,867
		#	#/100k Pop
Primary Care		38	120.3
	Family Practice	22	69.6
	Internal Medicine (General)	12	38.0
	Pediatrics (General)	4	12.7
Ob/Gyn		4	12.7
	Obstetrics & Gynecology	4	12.7
	Gynecology (Only)	0	0.0
IM Specialties		3	9.5
	Cardiology	1	3.2
	Endocrinology & Metabolism	0	0.0
	Gastroenterology	0	0.0
	Geriatrics	0	0.0
	Infectious Disease	1	3.2
	Medical Oncology	0	0.0
	Nephrology	1	3.2
	Pulmonary Disease	0	0.0
	Rheumatology	0	0.0
	Other Internal Medicine	0	0.0
Surgery (General)		6	19.0
Surgery Specialties		8	25.3
	Neurosurgery	0	0.0
	Ophthalmology	3	9.5
	Orthopedics	3	9.5
	Otolaryngology	1	3.2
	Plastic Surgery	0	0.0
	Thoracic Surgery	0	0.0
	Urology	1	3.2
	Other Surgery Specialties	0	0.0
Facility Based		11	34.8
	Anesthesiology	7	22.2
	Pathology	2	6.3
	Radiology	2	6.3
Psychiatrists		1	3.2
	Psychiatry - Adult	1	3.2
	Psychiatry - Child & Adolescent	0	0.0
Other		3	9.5
	Allergy & Immunology	0	0.0
	Dermatology	0	0.0
	Emergency Medicine	0	0.0
	Neurology	1	3.2
	Pediatrics Subspecialties	1	3.2
	Physical Medicine & Rehab	1	3.2
	Prev Med/Occ Med/Public Hlth	0	0.0
	Other	0	0.0
Total Physicians		75	237.2

Wexford

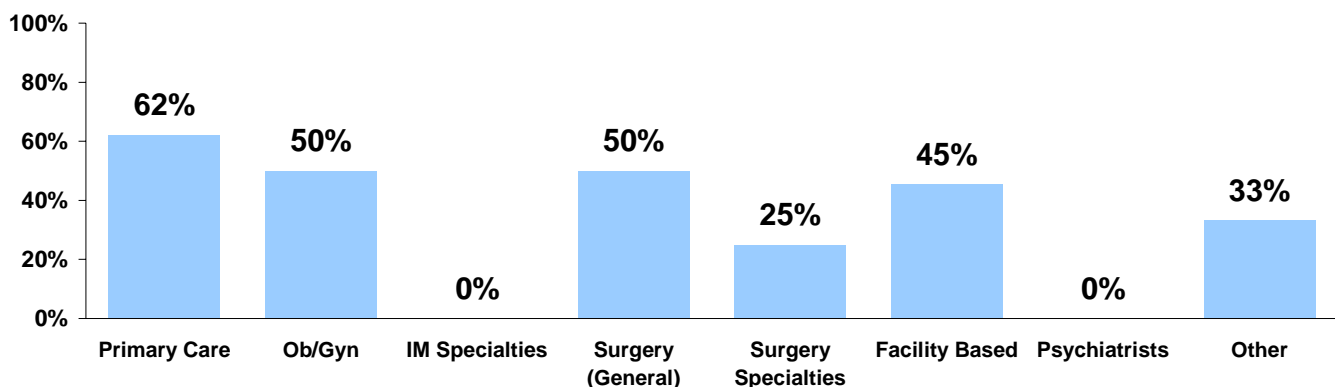
Age Distribution of Active Patient Care Physicians, 2004



Gender and Race Distribution of Active Patient Care Physicians, 2004



Percent of Active Patient Care Physicians that Attended Medical School in Michigan, 2004



Specialty Profiles

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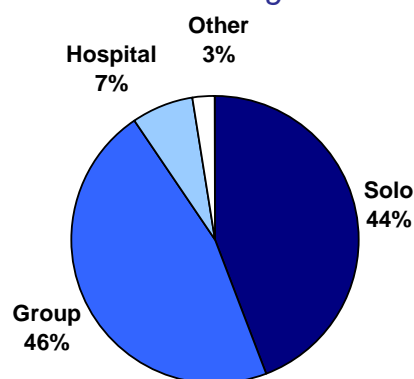
Allergy & Immunology

Active Patient Care Physicians, 2004

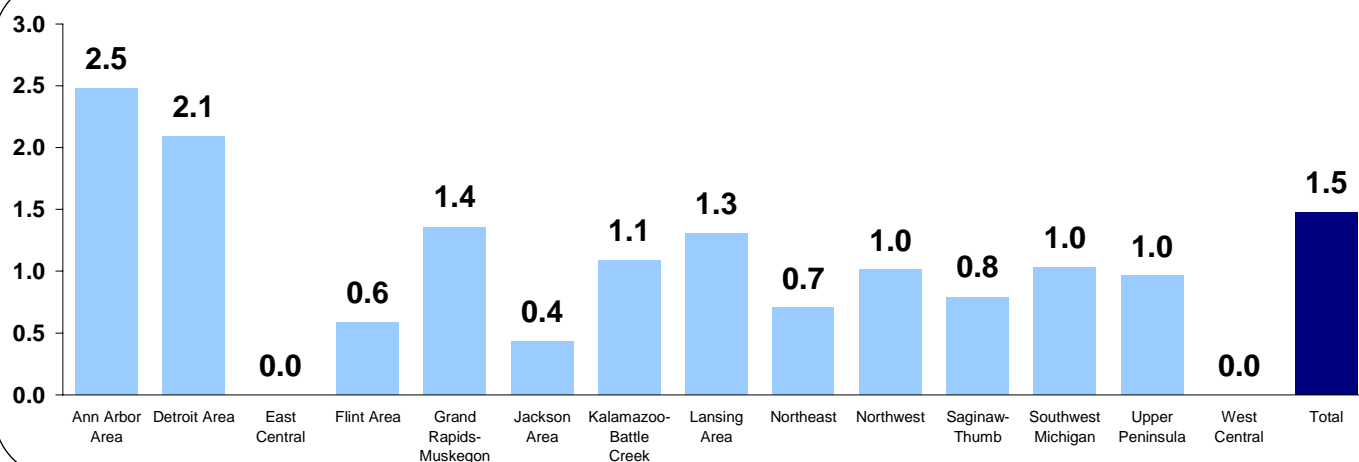
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	150	23,769
Percent of All Specialties	1%	N/A
Average Age	52	49
Percent Over 55 or Older	39%	30%
Percent Female	24%	27%
Percent Under-represented Minority*	5%	8%
Percent Int'l Medical School Graduate	32%	28%
Percent with Residency Training in Michigan	61%	59%
Percent Attended Medical School in Michigan	34%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

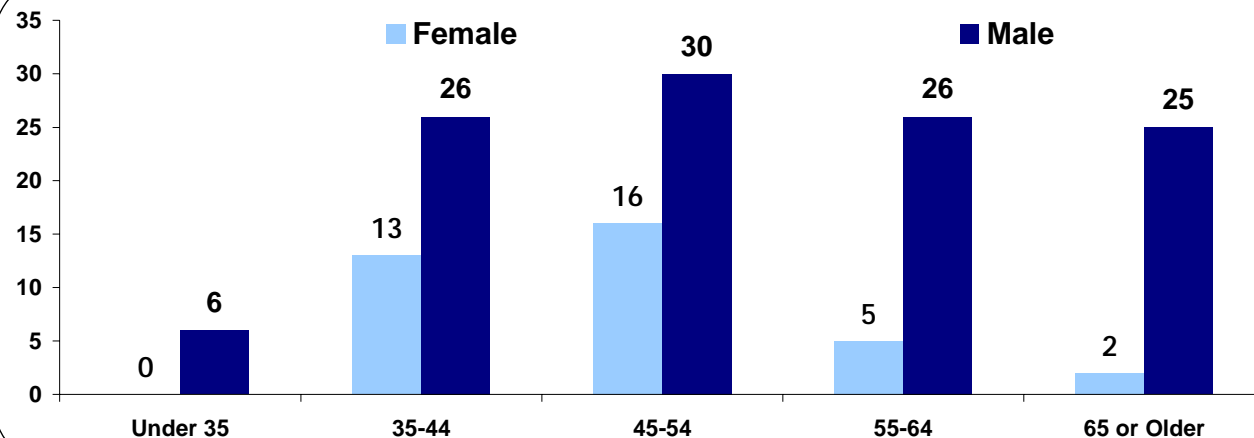
Practice Setting



Number of Allergists and Immunologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Allergists and Immunologists by Gender and Age Group



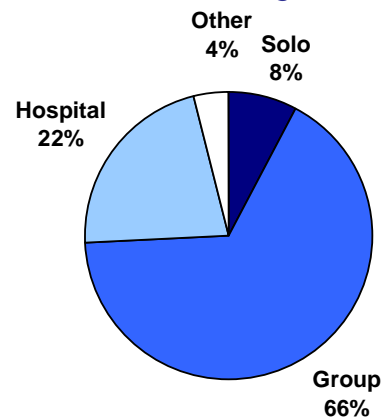
Anesthesiology

Active Patient Care Physicians, 2004

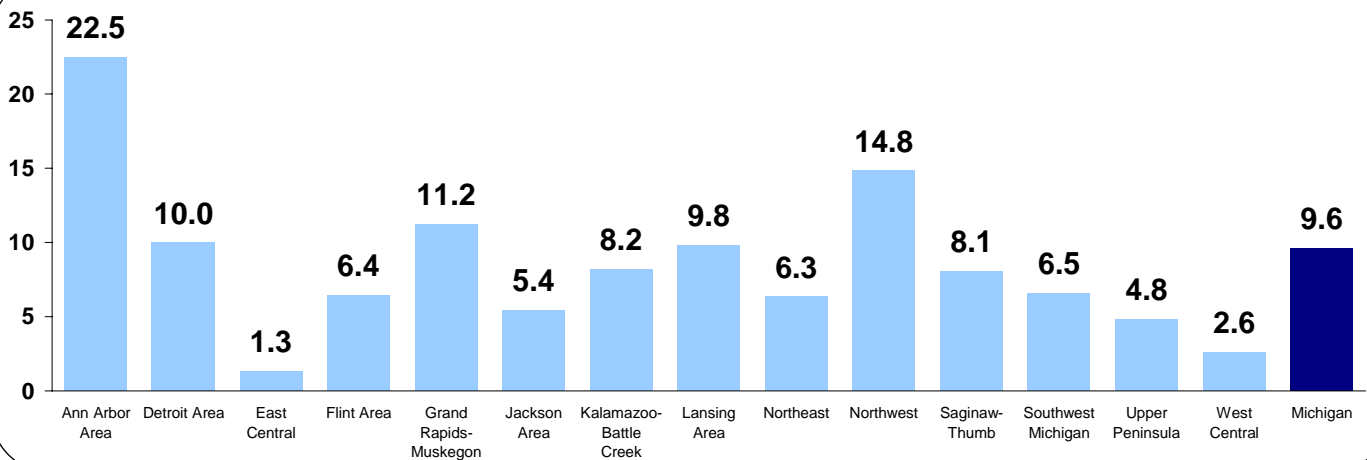
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	974	23,769
Percent of All Specialties	4%	N/A
Average Age	50	49
Percent Over 55 or Older	27%	30%
Percent Female	20%	27%
Percent Under-represented Minority*	8%	8%
Percent Int'l Medical School Graduate	30%	28%
Percent with Residency Training in Michigan	45%	59%
Percent Attended Medical School in Michigan	40%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

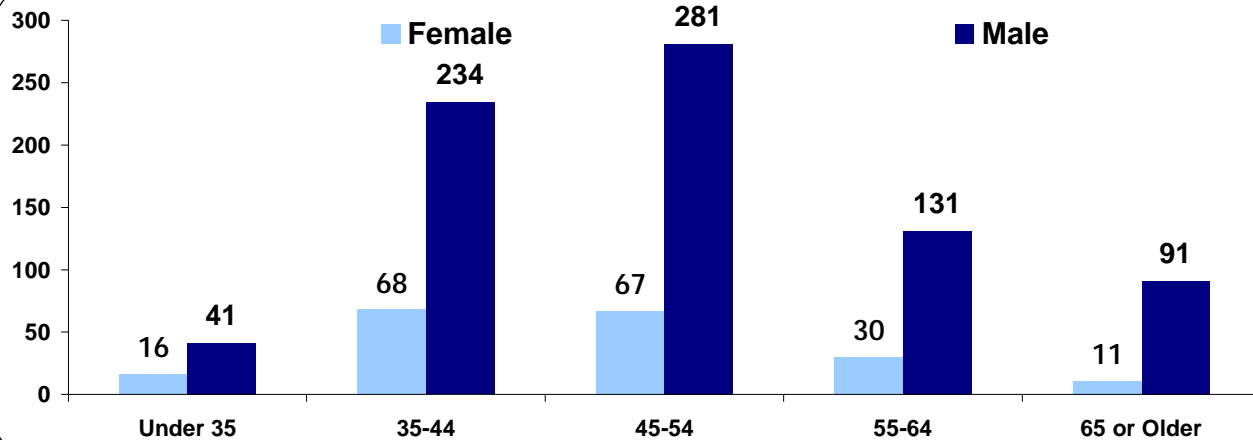
Practice Setting



Number of Anesthesiologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Anesthesiologists by Gender and Age Group



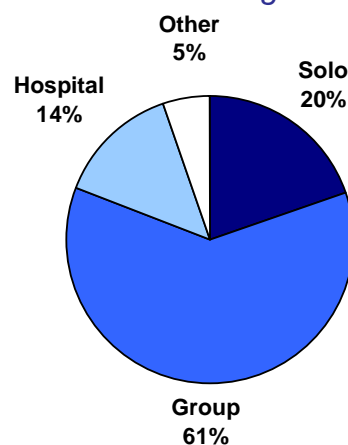
Cardiology

Active Patient Care Physicians, 2004

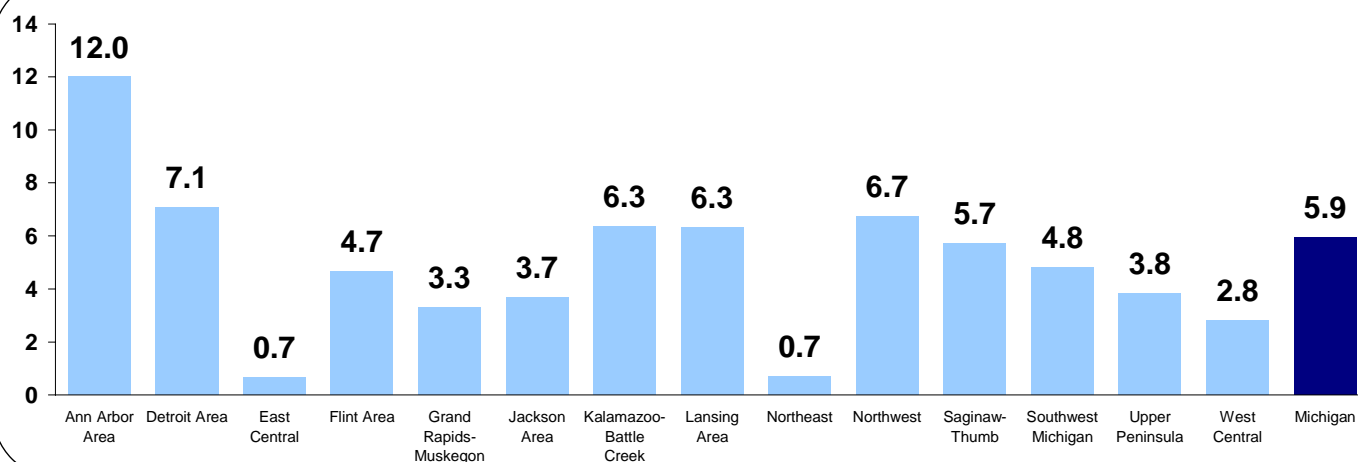
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	602	23,769
Percent of All Specialties	3%	N/A
Average Age	51	49
Percent Over 55 or Older	35%	30%
Percent Female	7%	27%
Percent Under-represented Minority*	8%	8%
Percent Int'l Medical School Graduate	44%	28%
Percent with Residency Training in Michigan	55%	59%
Percent Attended Medical School in Michigan	27%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

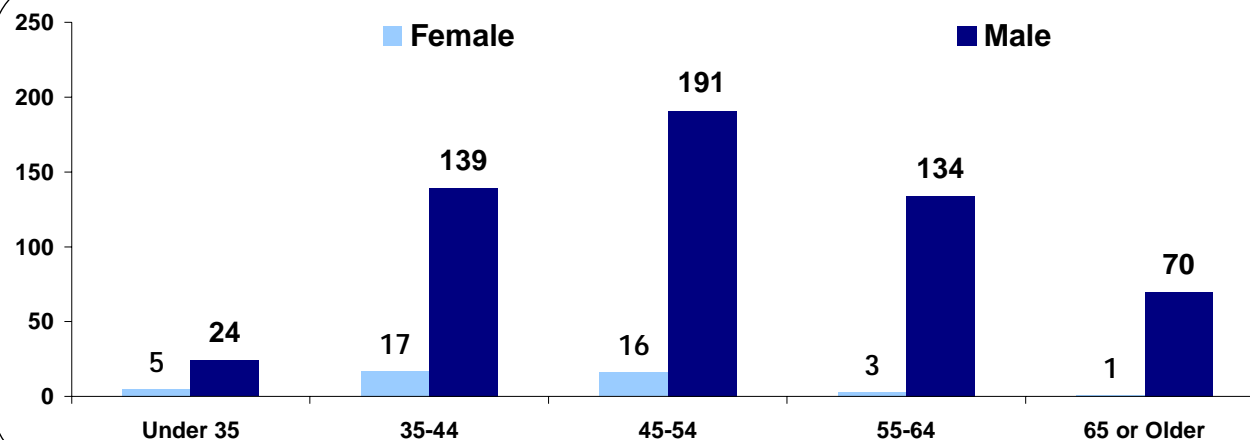
Practice Setting



Number of Cardiologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Cardiologists by Gender and Age Group



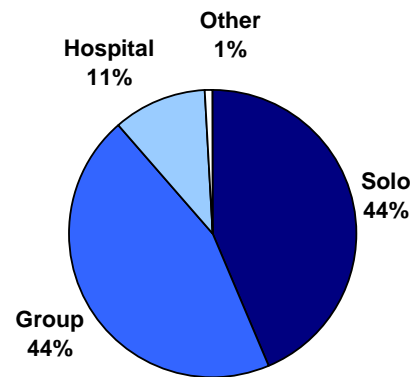
Dermatology

Active Patient Care Physicians, 2004

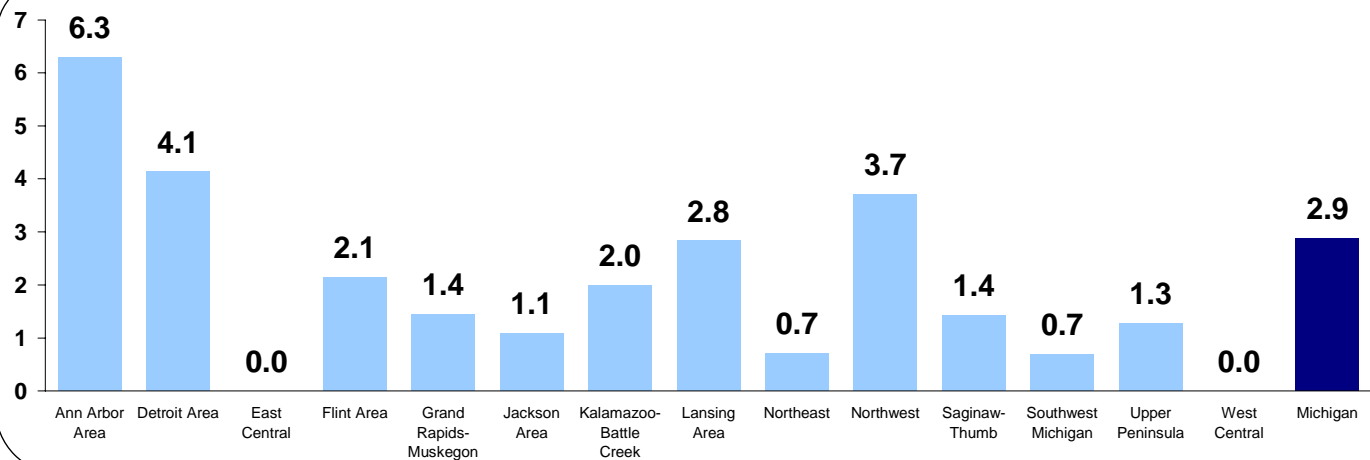
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	293	23,769
Percent of All Specialties	1%	N/A
Average Age	50	49
Percent Over 55 or Older	35%	30%
Percent Female	35%	27%
Percent Under-represented Minority*	7%	8%
Percent Int'l Medical School Graduate	5%	28%
Percent with Residency Training in Michigan	65%	59%
Percent Attended Medical School in Michigan	54%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

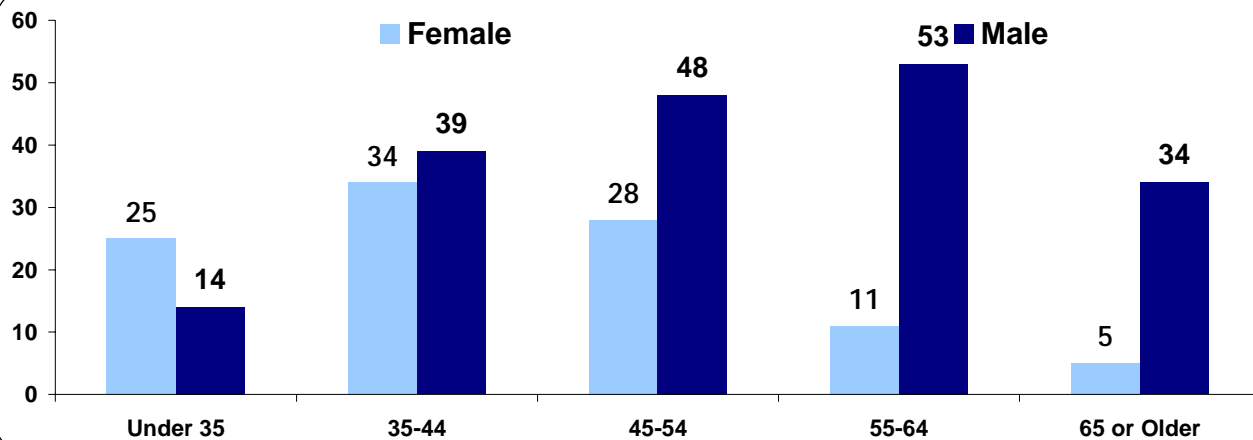
Practice Setting



Number of Dermatologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Dermatologists by Gender and Age Group



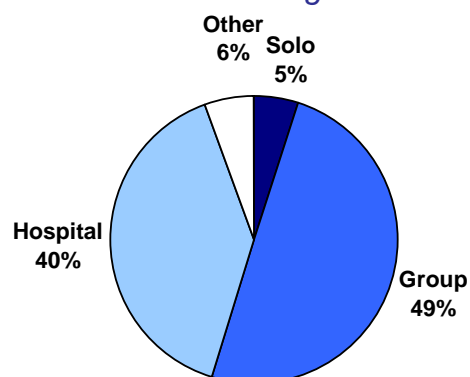
Emergency Medicine

Active Patient Care Physicians, 2004

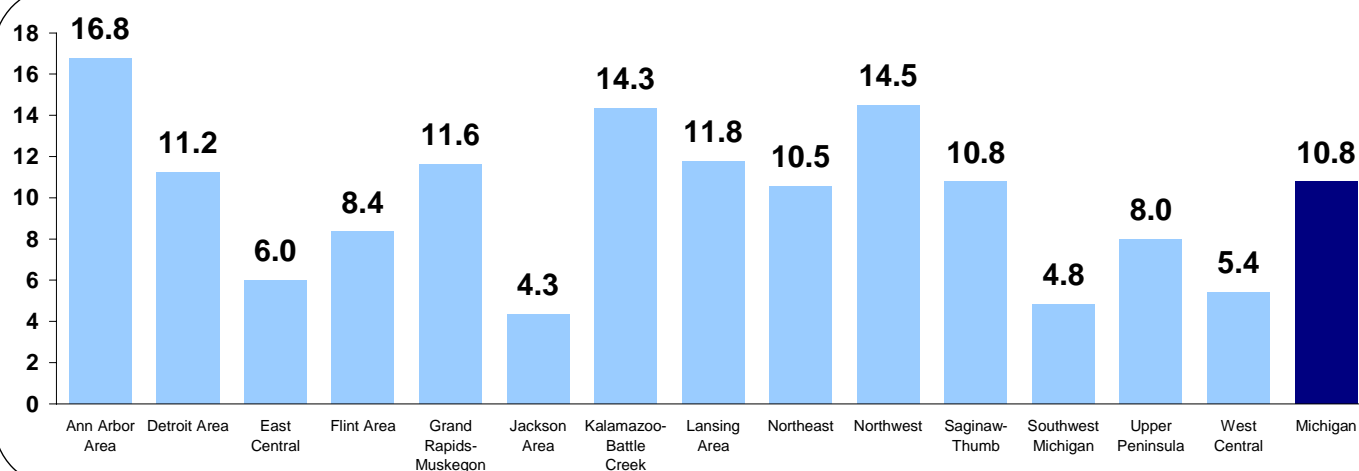
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	1,095	23,769
Percent of All Specialties	5%	N/A
Average Age	45	49
Percent Over 55 or Older	16%	30%
Percent Female	22%	27%
Percent Under-represented Minority*	8%	8%
Percent Int'l Medical School Graduate	7%	28%
Percent with Residency Training in Michigan	70%	59%
Percent Attended Medical School in Michigan	51%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

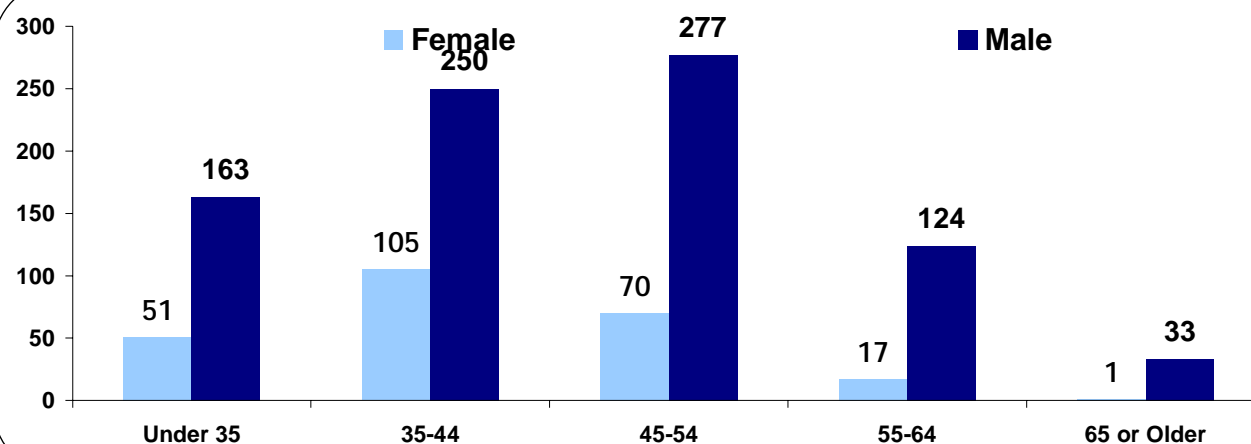
Practice Setting



Number of Emergency Medicine Physicians per 100,000 Population by Region in Michigan



Number of Active Patient Care Emergency Medicine Physicians by Gender and Age Group



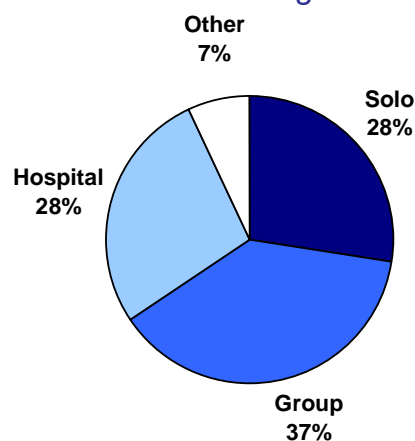
Endocrinology & Metabolism

Active Patient Care Physicians, 2004

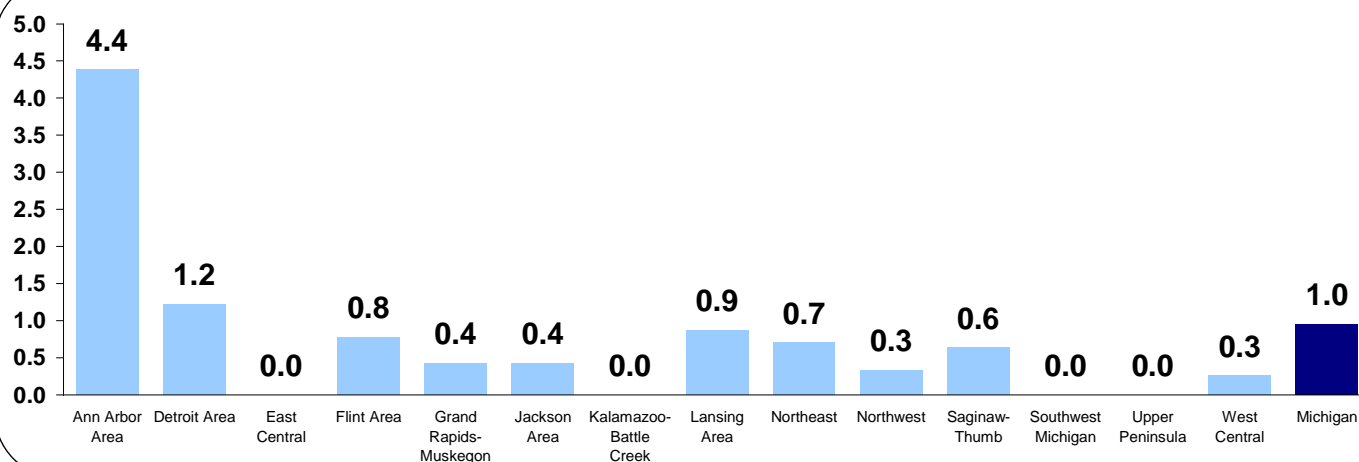
	Spec	All Spec
Patient Care Physicians in Specialty	97	23,769
Percent of All Specialties	0%	N/A
Average Age	49	49
Percent Over 55 or Older	34%	30%
Percent Female	34%	27%
Percent Under-represented Minority*	14%	8%
Percent Int'l Medical School Graduate	49%	28%
Percent with Residency Training in Michigan	65%	59%
Percent Attended Medical School in Michigan	25%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

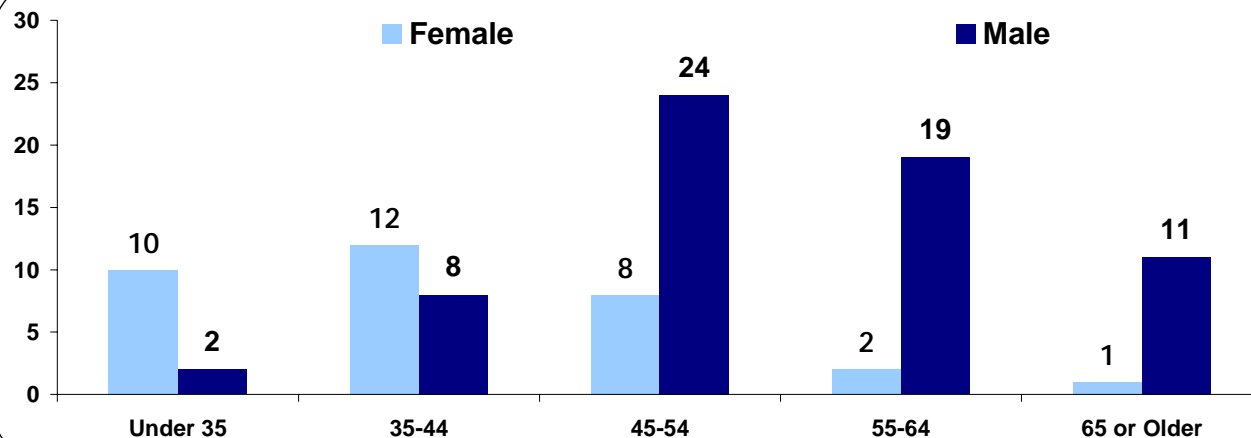
Practice Setting



Number of Endocrinologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Endocrinologists by Gender and Age Group



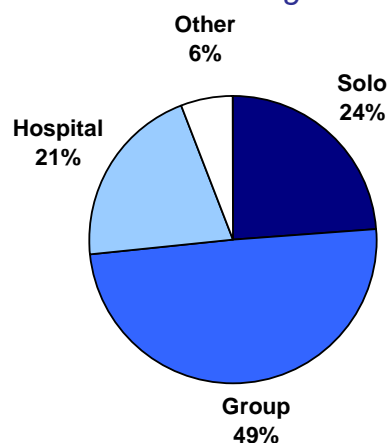
Family Medicine

Active Patient Care Physicians, 2004

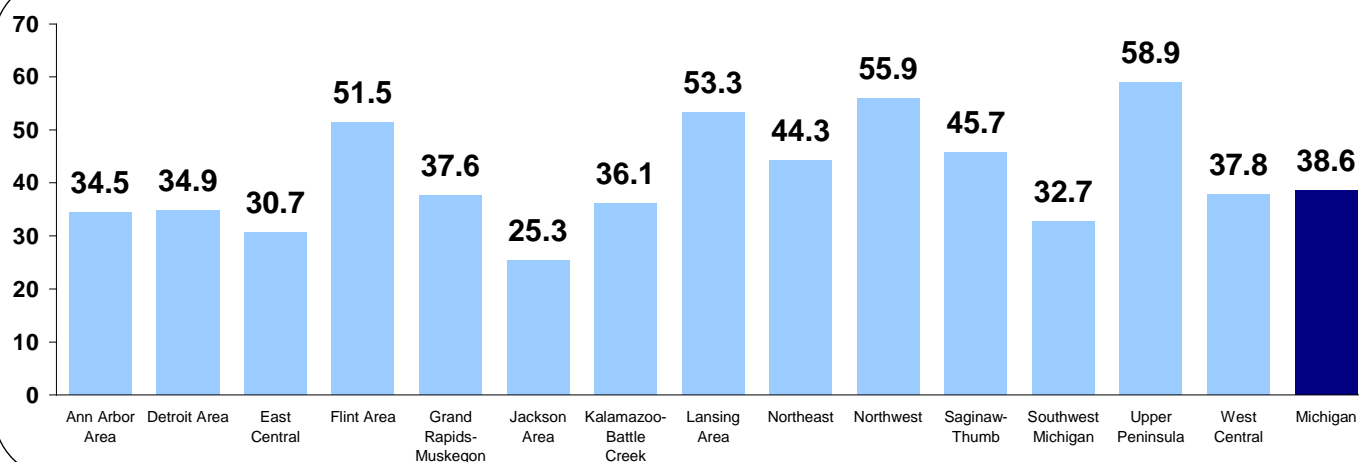
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	3,925	23,769
Percent of All Specialties	17%	N/A
Average Age	50	49
Percent Over 55 or Older	30%	30%
Percent Female	30%	27%
Percent Under-represented Minority*	8%	8%
Percent Int'l Medical School Graduate	19%	28%
Percent with Residency Training in Michigan	55%	59%
Percent Attended Medical School in Michigan	45%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

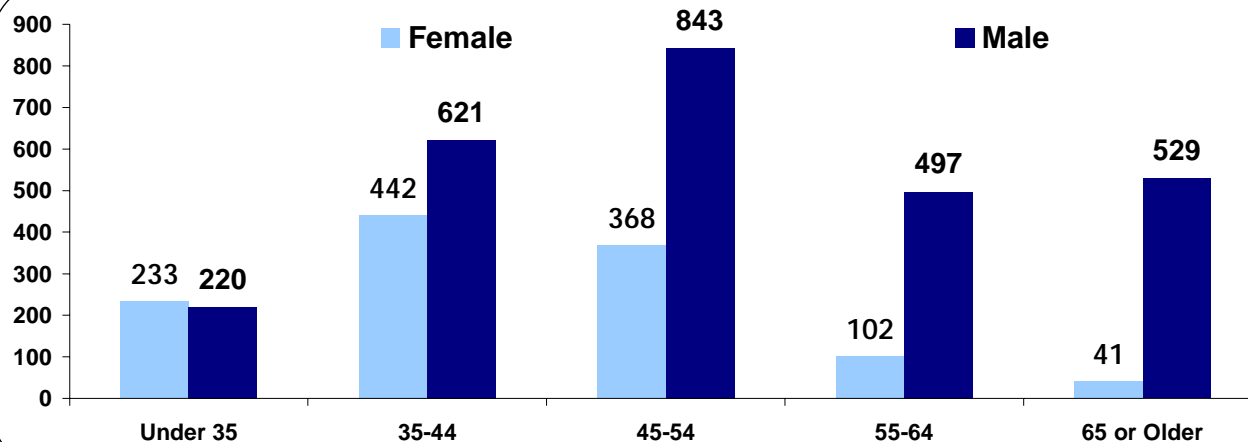
Practice Setting



Number of Family Medicine Physicians per 100,000 Population by Region in Michigan



Number of Active Patient Care Family Medicine Physicians by Gender and Age Group



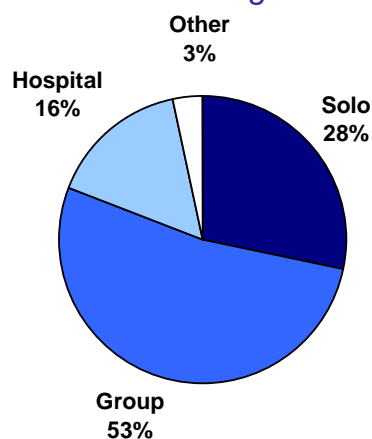
Gastroenterology

Active Patient Care Physicians, 2004

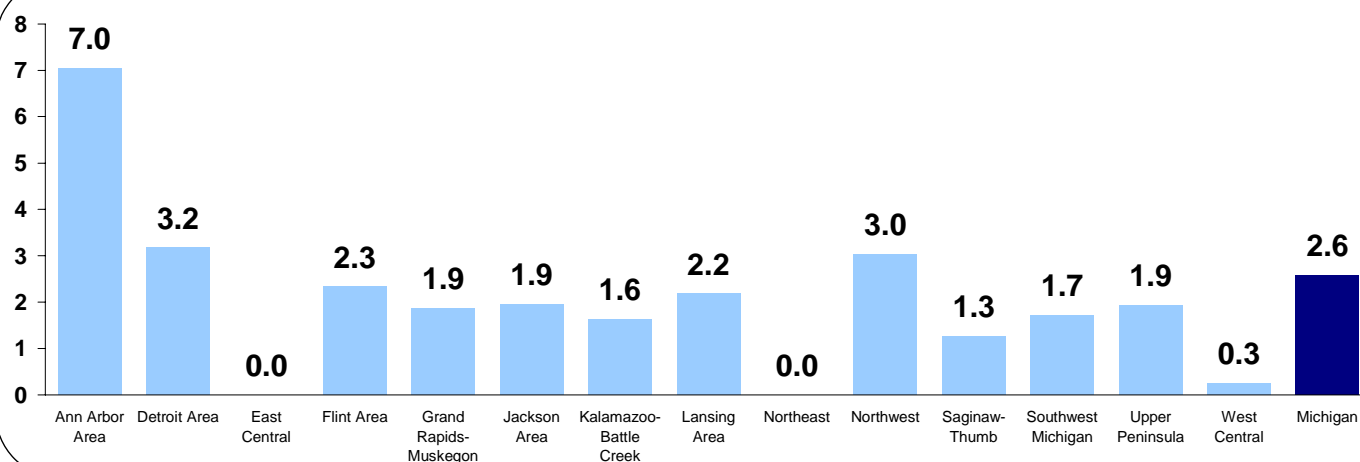
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	264	23,769
Percent of All Specialties	1%	N/A
Average Age	49	49
Percent Over 55 or Older	32%	30%
Percent Female	12%	27%
Percent Under-represented Minority*	6%	8%
Percent Int'l Medical School Graduate	36%	28%
Percent with Residency Training in Michigan	61%	59%
Percent Attended Medical School in Michigan	28%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

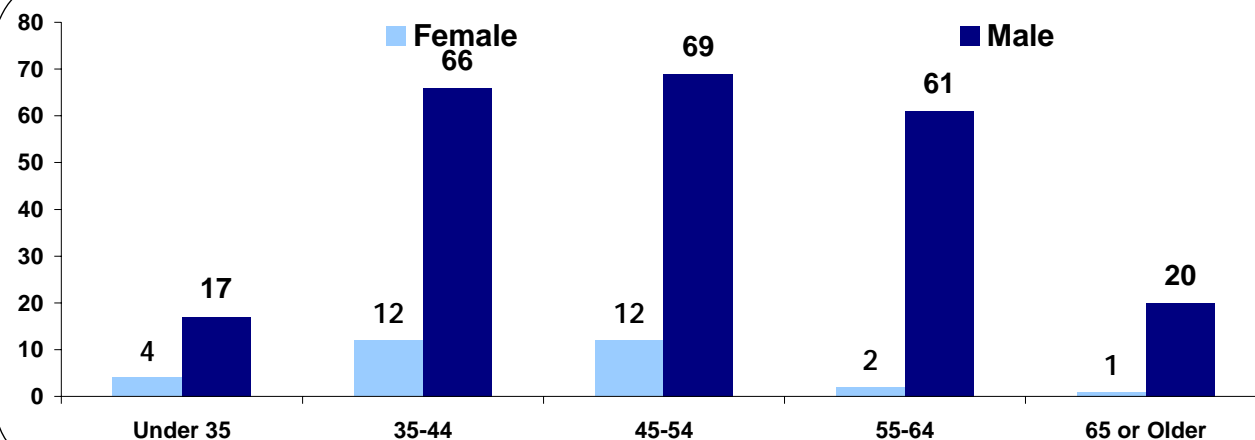
Practice Setting



Number of Gastroenterologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Gastroenterologists by Gender and Age Group



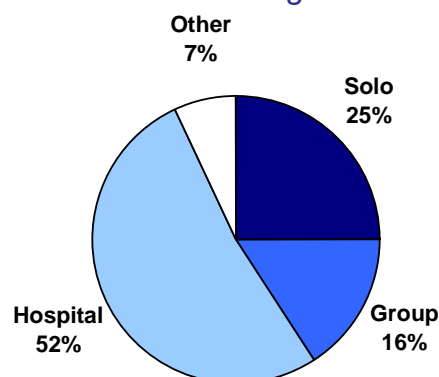
Geriatrics

Active Patient Care Physicians, 2004

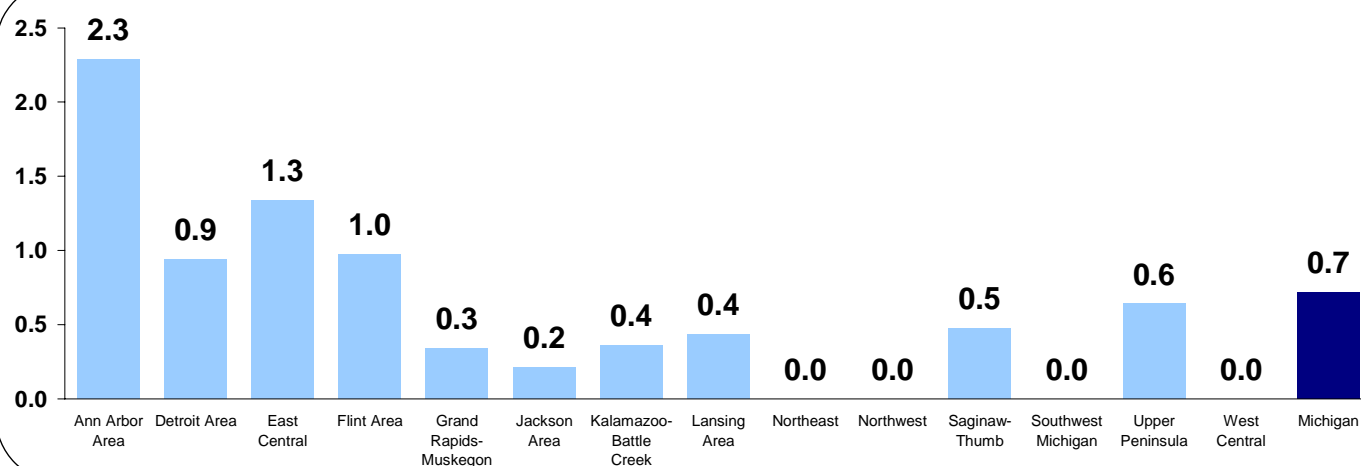
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	73	23,769
Percent of All Specialties	0%	N/A
Average Age	45	49
Percent Over 55 or Older	14%	30%
Percent Female	38%	27%
Percent Under-represented Minority*	2%	8%
Percent Int'l Medical School Graduate	56%	28%
Percent with Residency Training in Michigan	68%	59%
Percent Attended Medical School in Michigan	27%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

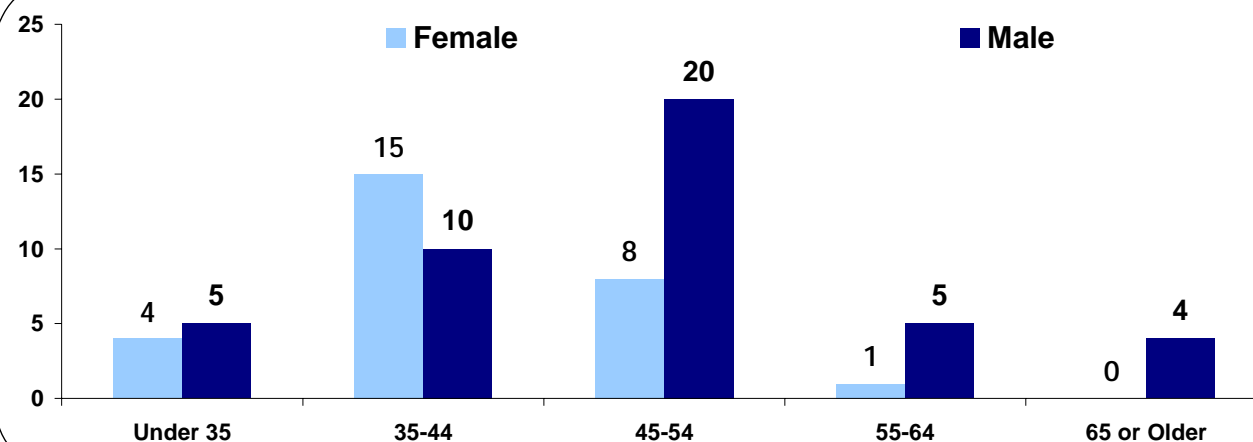
Practice Setting



Number of Geriatricians per 100,000 Population by Region in Michigan



Number of Active Patient Care Geriatricians by Gender and Age Group



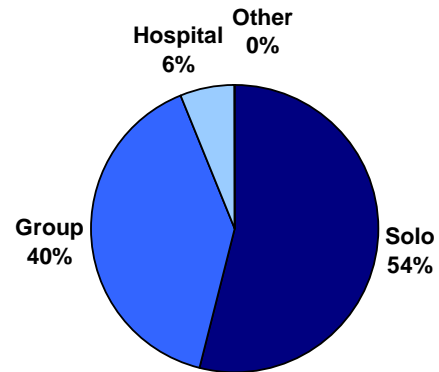
Gynecology

Active Patient Care Physicians, 2004

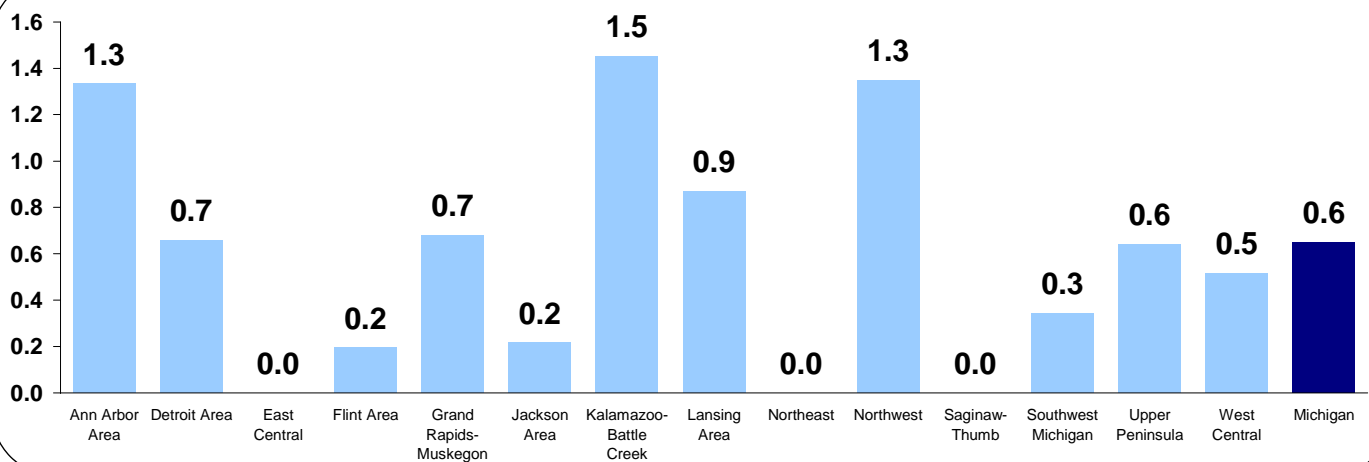
	Spec	All Spec
Patient Care Physicians in Specialty	66	23,769
Percent of All Specialties	0%	N/A
Average Age	64	49
Percent Over 55 or Older	83%	30%
Percent Female	30%	27%
Percent Under-represented Minority*	4%	8%
Percent Int'l Medical School Graduate	30%	28%
Percent with Residency Training in Michigan	70%	59%
Percent Attended Medical School in Michigan	48%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

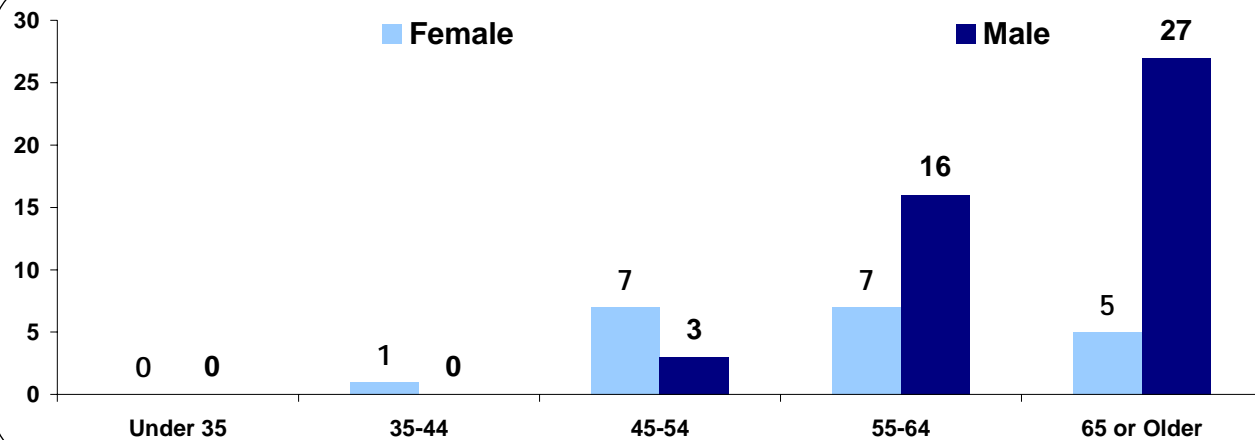
Practice Setting



Number of Gynecologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Gynecologists by Gender and Age Group



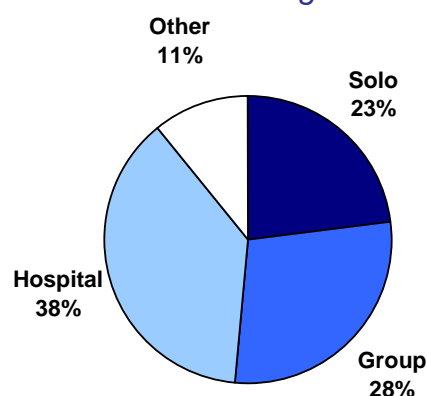
Infectious Disease

Active Patient Care Physicians, 2004

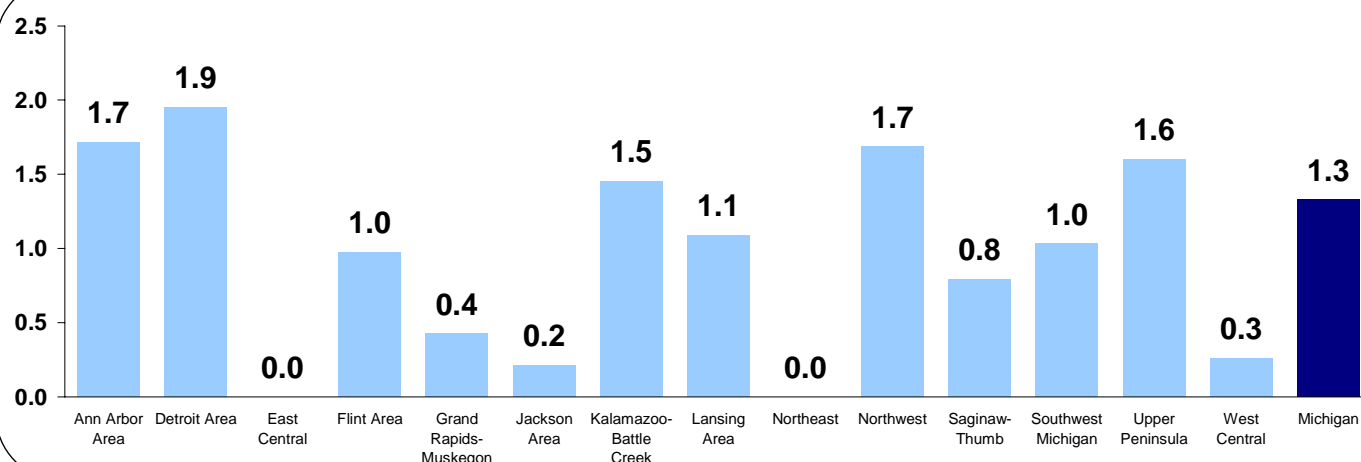
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	135	23,769
Percent of All Specialties	1%	N/A
Average Age	45	49
Percent Over 55 or Older	13%	30%
Percent Female	30%	27%
Percent Under-represented Minority*	6%	8%
Percent Int'l Medical School Graduate	46%	28%
Percent with Residency Training in Michigan	66%	59%
Percent Attended Medical School in Michigan	25%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

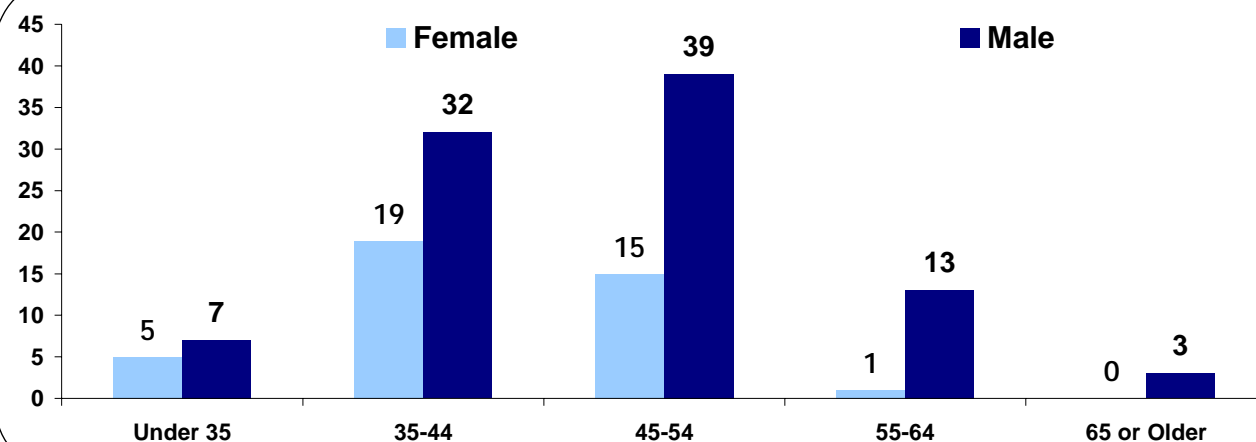
Practice Setting



Number of Infectious Disease Physicians per 100,000 Population by Region in Michigan



Number of Active Patient Care Infectious Disease Physicians by Gender and Age Group



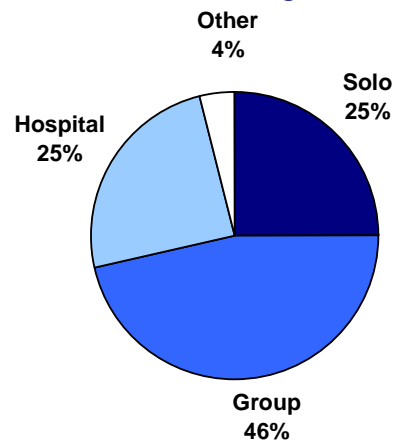
Internal Medicine (General)

Active Patient Care Physicians, 2004

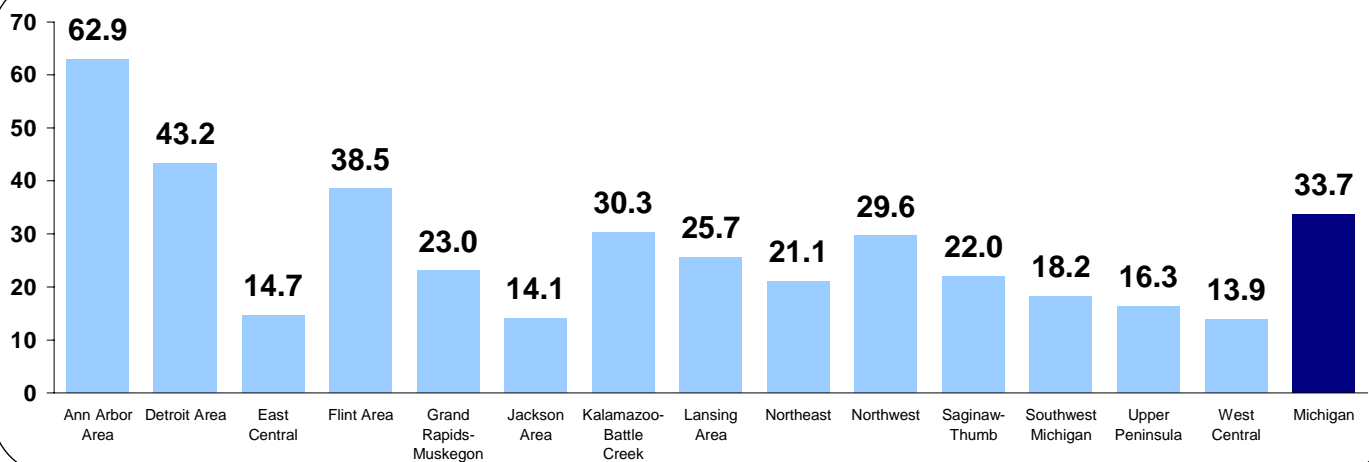
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	3,426	23,769
Percent of All Specialties	14%	N/A
Average Age	47	49
Percent Over 55 or Older	24%	30%
Percent Female	31%	27%
Percent Under-represented Minority*	10%	8%
Percent Int'l Medical School Graduate	45%	28%
Percent with Residency Training in Michigan	71%	59%
Percent Attended Medical School in Michigan	33%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

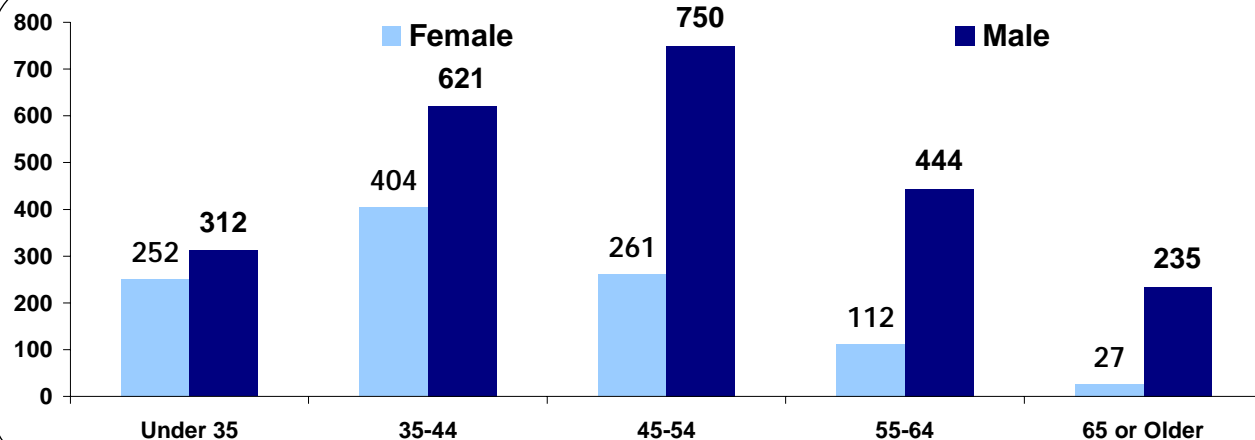
Practice Setting



Number of Internists per 100,000 Population by Region in Michigan



Number of Active Patient Care Internists by Gender and Age Group



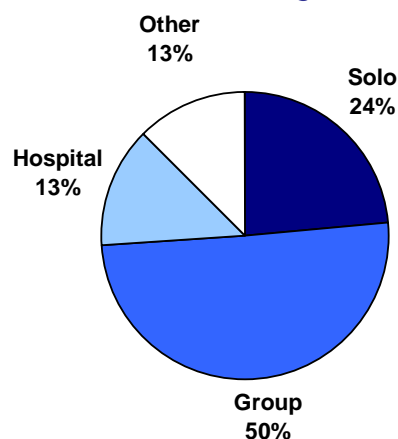
Medical Oncology

Active Patient Care Physicians, 2004

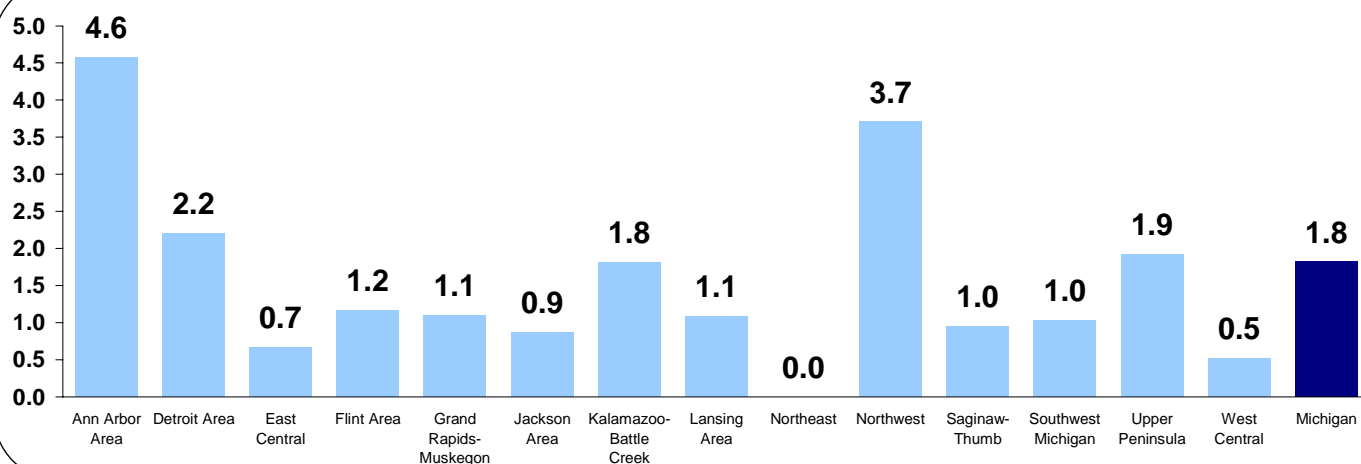
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	183	23,769
Percent of All Specialties	1%	N/A
Average Age	53	49
Percent Over 55 or Older	44%	30%
Percent Female	26%	27%
Percent Under-represented Minority*	4%	8%
Percent Int'l Medical School Graduate	40%	28%
Percent with Residency Training in Michigan	64%	59%
Percent Attended Medical School in Michigan	26%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

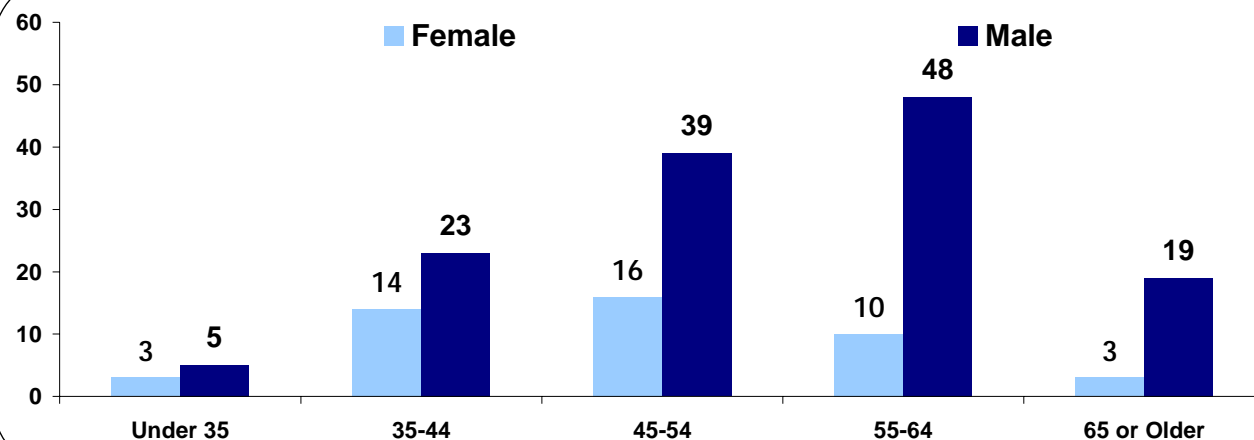
Practice Setting



Number of Medical Oncologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Medical Oncologists by Gender and Age Group



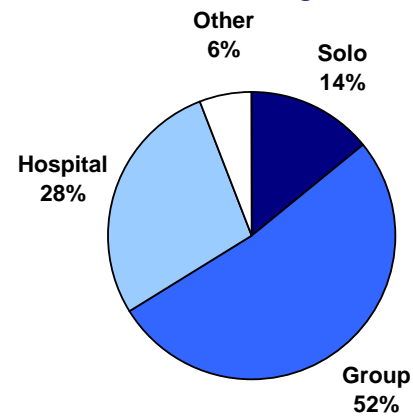
Nephrology

Active Patient Care Physicians, 2004

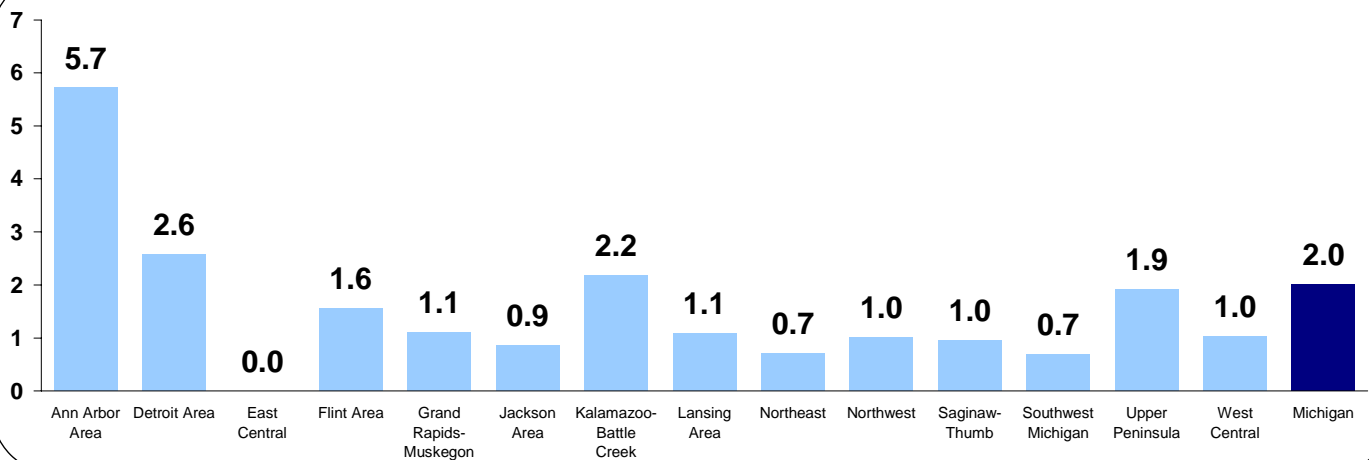
	Spec	All Spec
Patient Care Physicians in Specialty	204	23,769
Percent of All Specialties	1%	N/A
Average Age	47	49
Percent Over 55 or Older	28%	30%
Percent Female	20%	27%
Percent Under-represented Minority*	15%	8%
Percent Int'l Medical School Graduate	61%	28%
Percent with Residency Training in Michigan	62%	59%
Percent Attended Medical School in Michigan	18%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

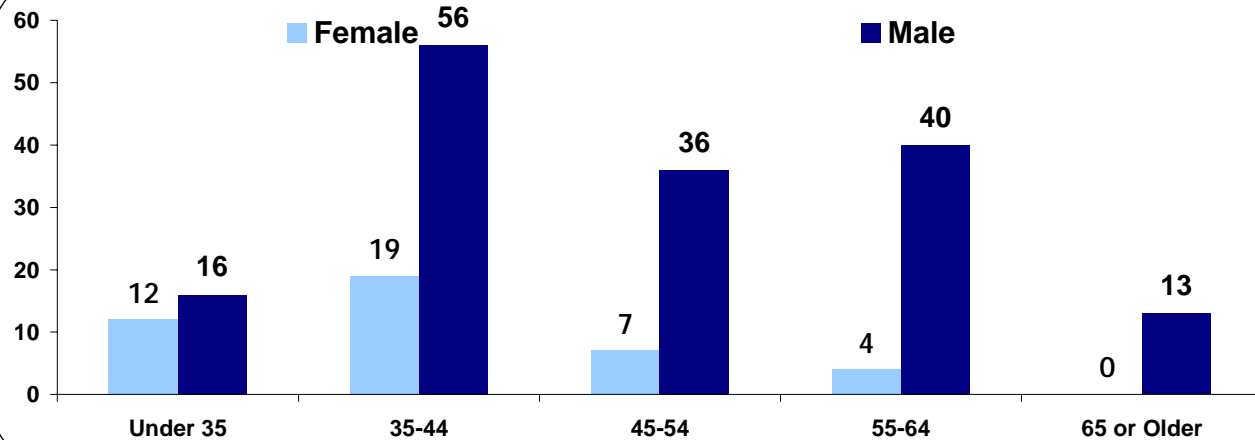
Practice Setting



Number of Nephrologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Nephrologists by Gender and Age Group



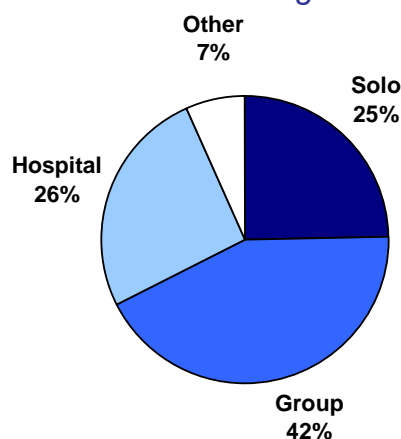
Neurology

Active Patient Care Physicians, 2004

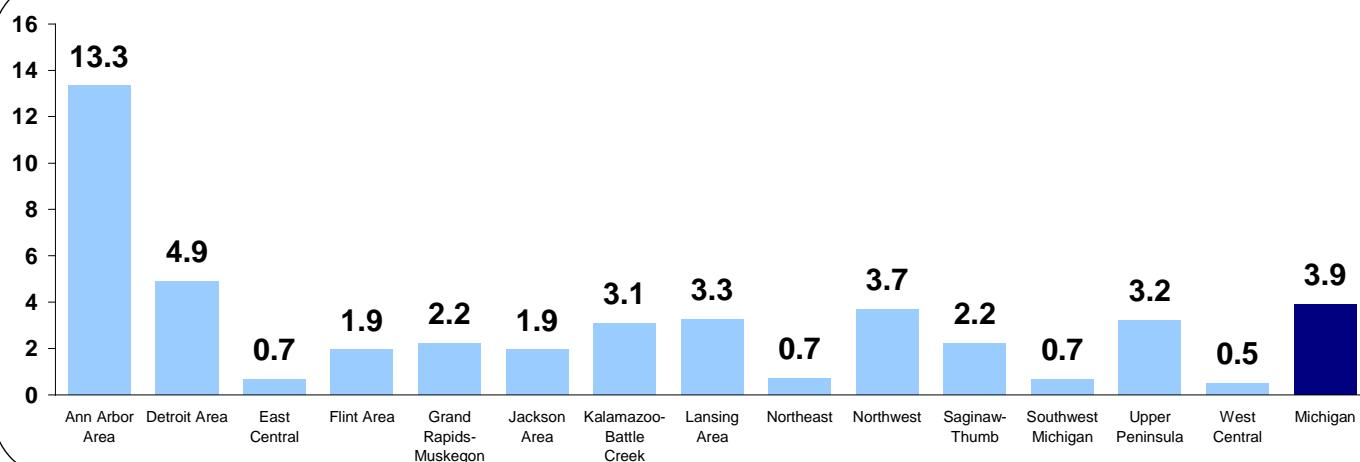
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	396	23,769
Percent of All Specialties	2%	N/A
Average Age	48	49
Percent Over 55 or Older	23%	30%
Percent Female	26%	27%
Percent Under-represented Minority*	5%	8%
Percent Int'l Medical School Graduate	41%	28%
Percent with Residency Training in Michigan	49%	59%
Percent Attended Medical School in Michigan	27%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

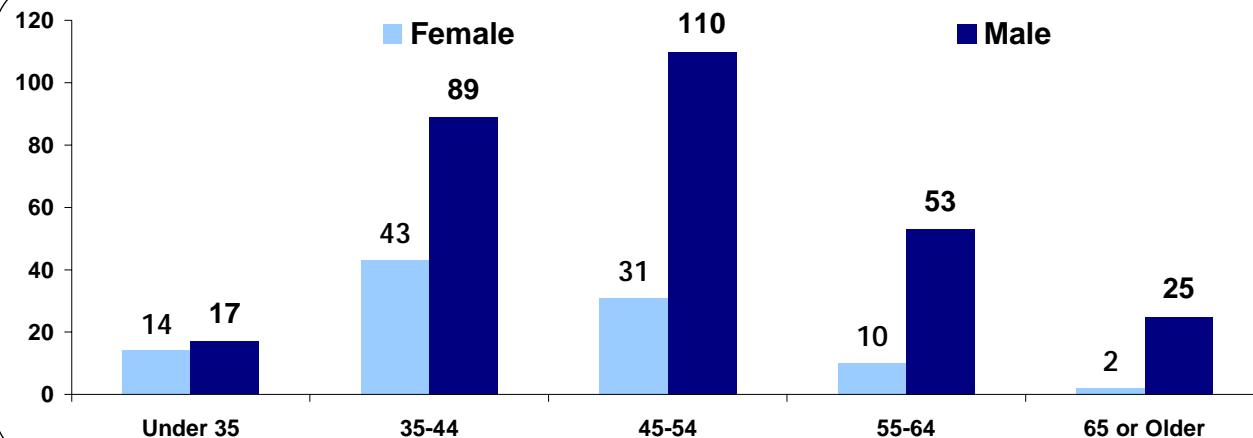
Practice Setting



Number of Neurologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Neurologists by Gender and Age Group



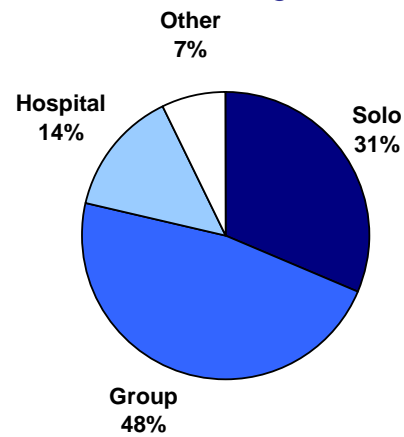
Neurosurgery

Active Patient Care Physicians, 2004

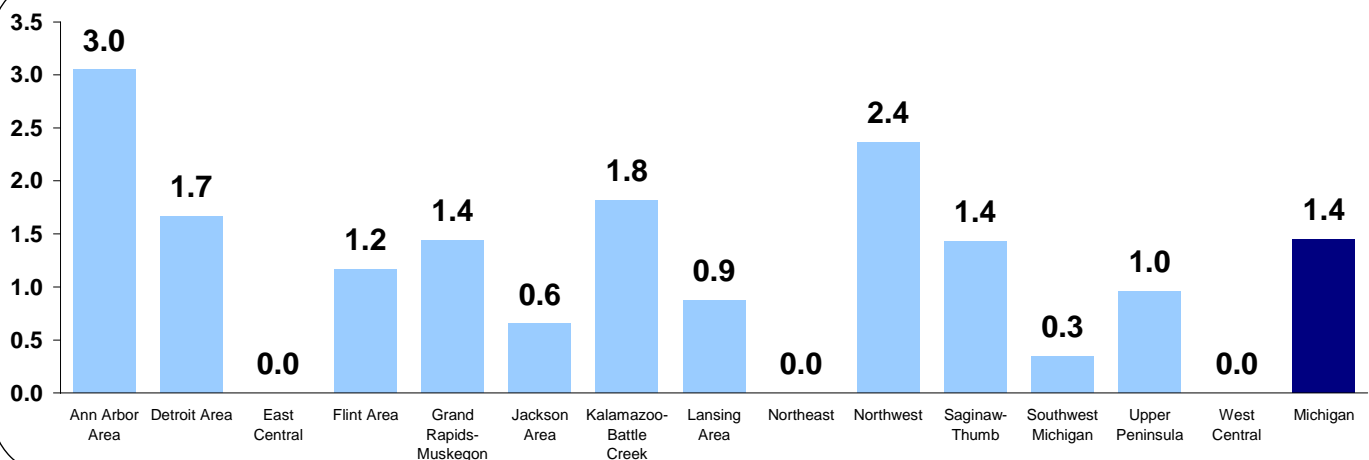
	Spec	All Spec
Patient Care Physicians in Specialty	147	23,769
Percent of All Specialties	1%	N/A
Average Age	52	49
Percent Over 55 or Older	37%	30%
Percent Female	6%	27%
Percent Under-represented Minority*	10%	8%
Percent Int'l Medical School Graduate	24%	28%
Percent with Residency Training in Michigan	39%	59%
Percent Attended Medical School in Michigan	28%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

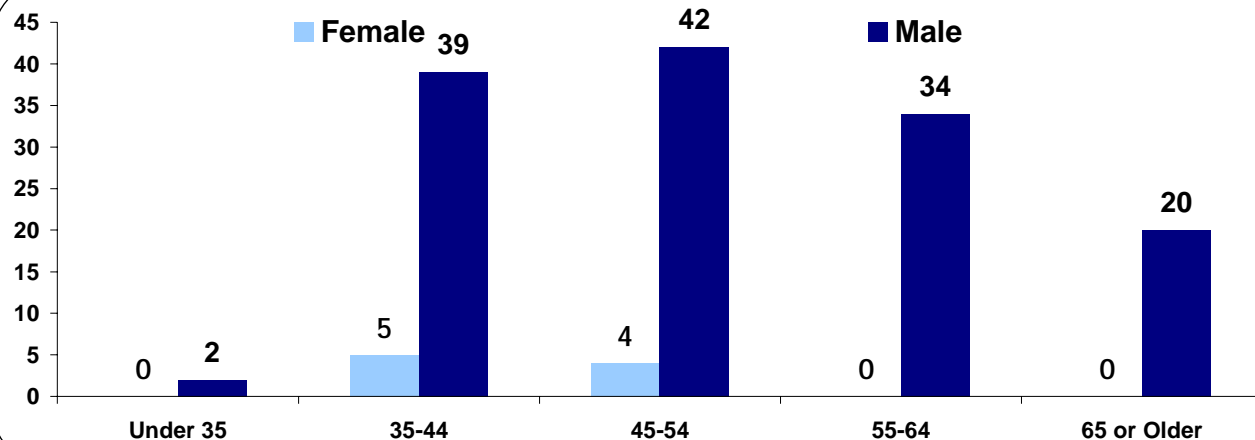
Practice Setting



Number of Neurosurgeons per 100,000 Population by Region in Michigan



Number of Active Patient Care Neurosurgeons by Gender and Age Group



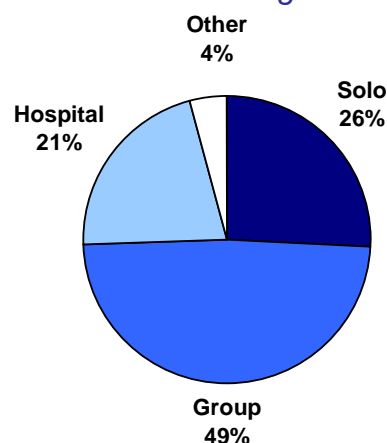
Obstetrics & Gynecology

Active Patient Care Physicians, 2004

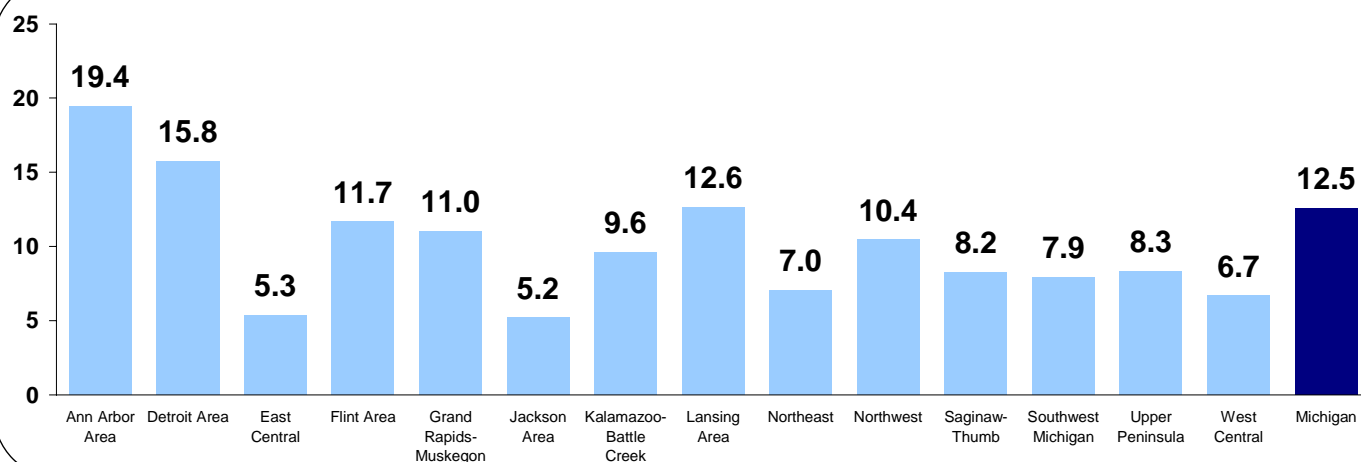
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	1,276	23,769
Percent of All Specialties	5%	N/A
Average Age	49	49
Percent Over 55 or Older	32%	30%
Percent Female	42%	27%
Percent Under-represented Minority*	13%	8%
Percent Int'l Medical School Graduate	18%	28%
Percent with Residency Training in Michigan	70%	59%
Percent Attended Medical School in Michigan	46%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

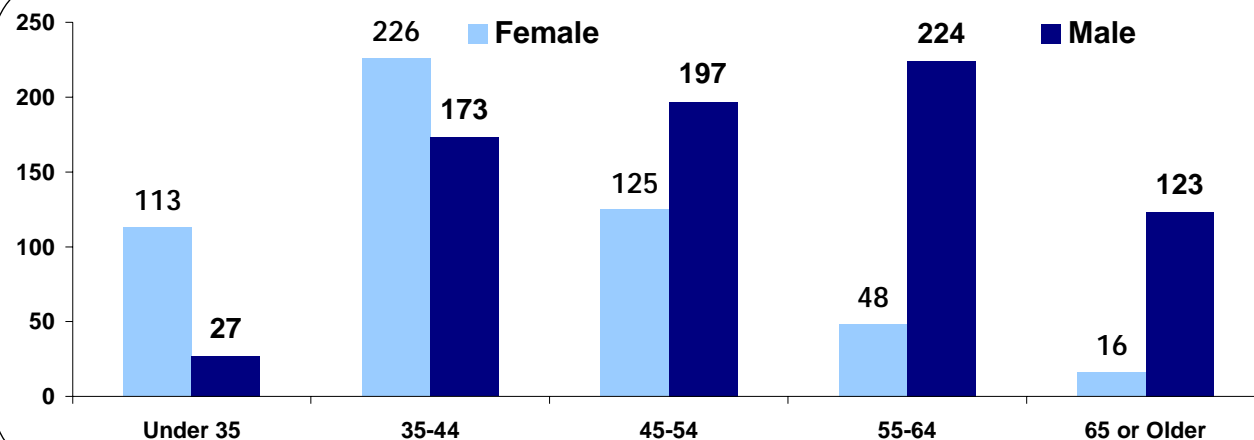
Practice Setting



Number of Obstetrician/Gynecologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Obstetrician/Gynecologists by Gender and Age Group



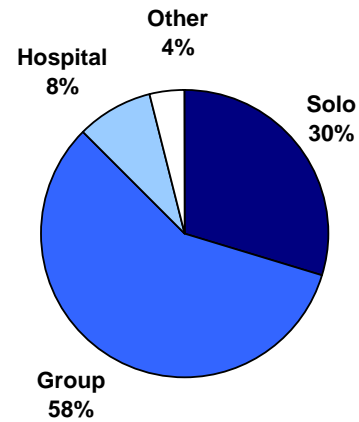
Ophthalmology

Active Patient Care Physicians, 2004

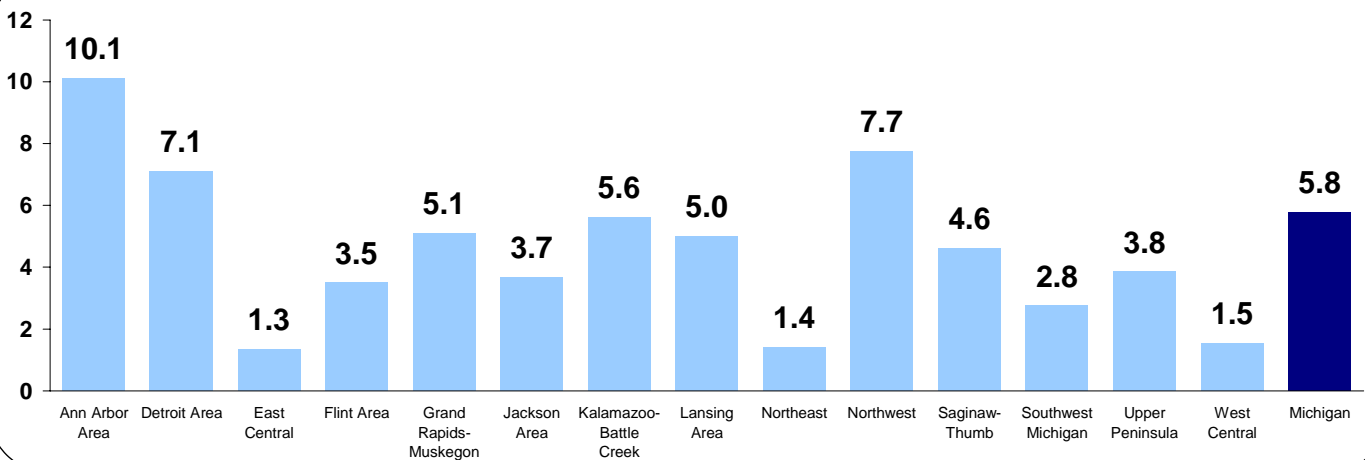
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	585	23,769
Percent of All Specialties	2%	N/A
Average Age	50	49
Percent Over 55 or Older	35%	30%
Percent Female	15%	27%
Percent Under-represented Minority*	4%	8%
Percent Int'l Medical School Graduate	8%	28%
Percent with Residency Training in Michigan	50%	59%
Percent Attended Medical School in Michigan	54%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

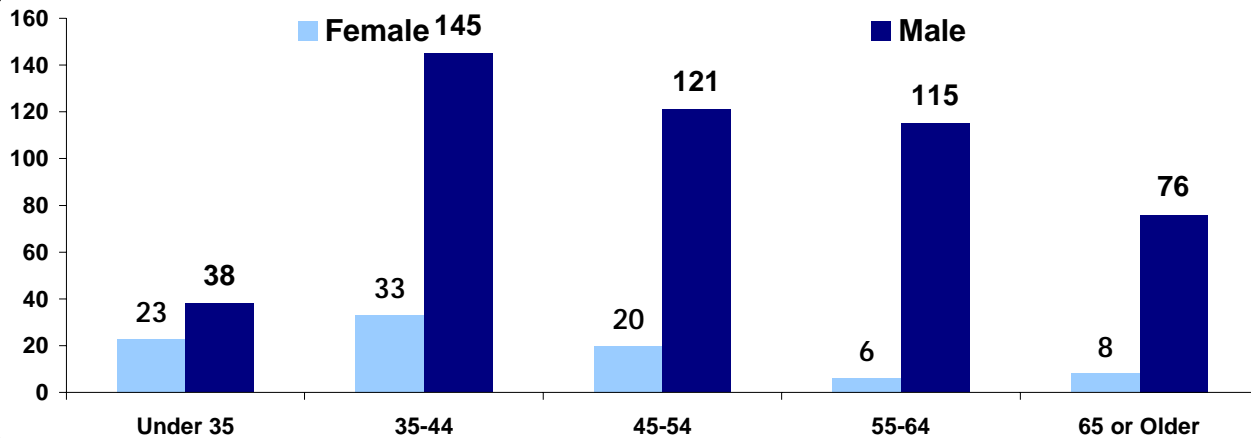
Practice Setting



Number of Ophthalmologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Ophthalmologists by Gender and Age Group



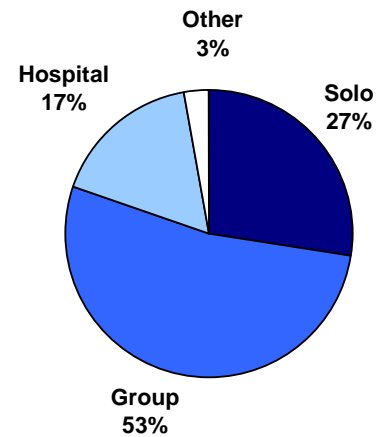
Orthopedics

Active Patient Care Physicians, 2004

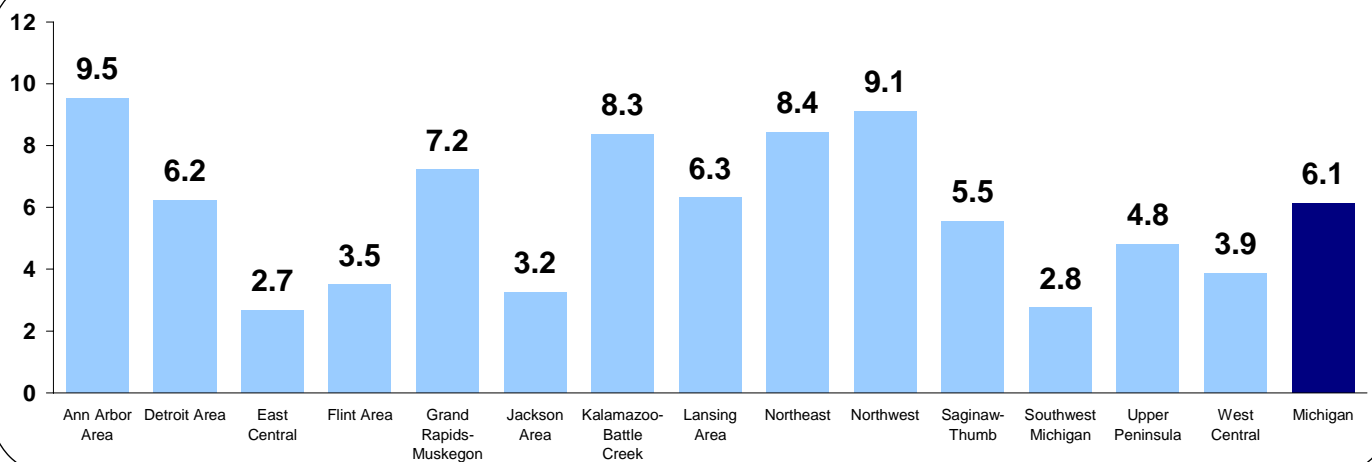
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	625	23,769
Percent of All Specialties	3%	N/A
Average Age	50	49
Percent Over 55 or Older	36%	30%
Percent Female	5%	27%
Percent Under-represented Minority*	3%	8%
Percent Int'l Medical School Graduate	4%	28%
Percent with Residency Training in Michigan	51%	59%
Percent Attended Medical School in Michigan	53%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

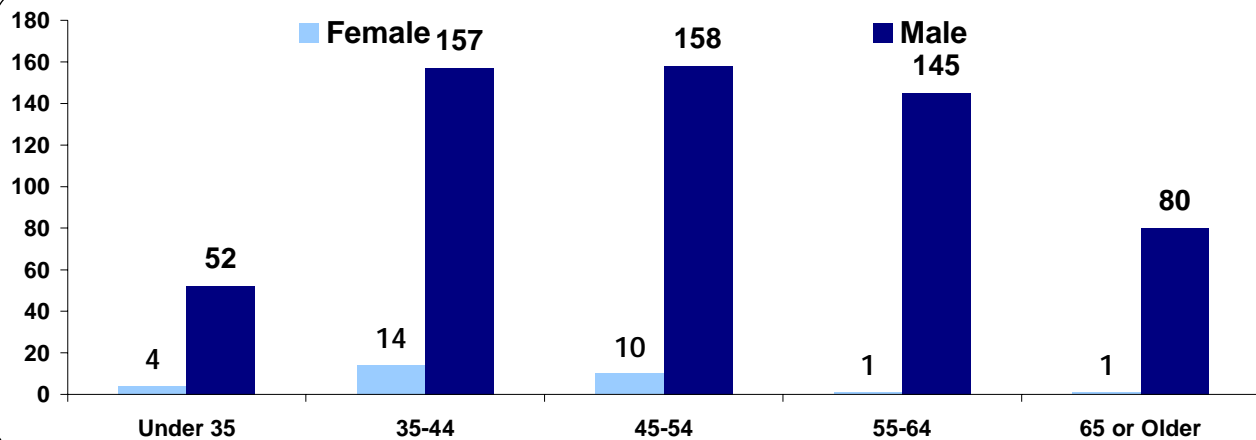
Practice Setting



Number of Orthopedic Surgeons per 100,000 Population by Region in Michigan

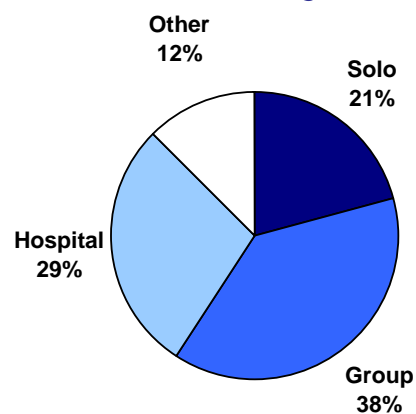


Number of Active Patient Care Orthopedic Surgeons by Gender and Age Group



Other

Practice Setting

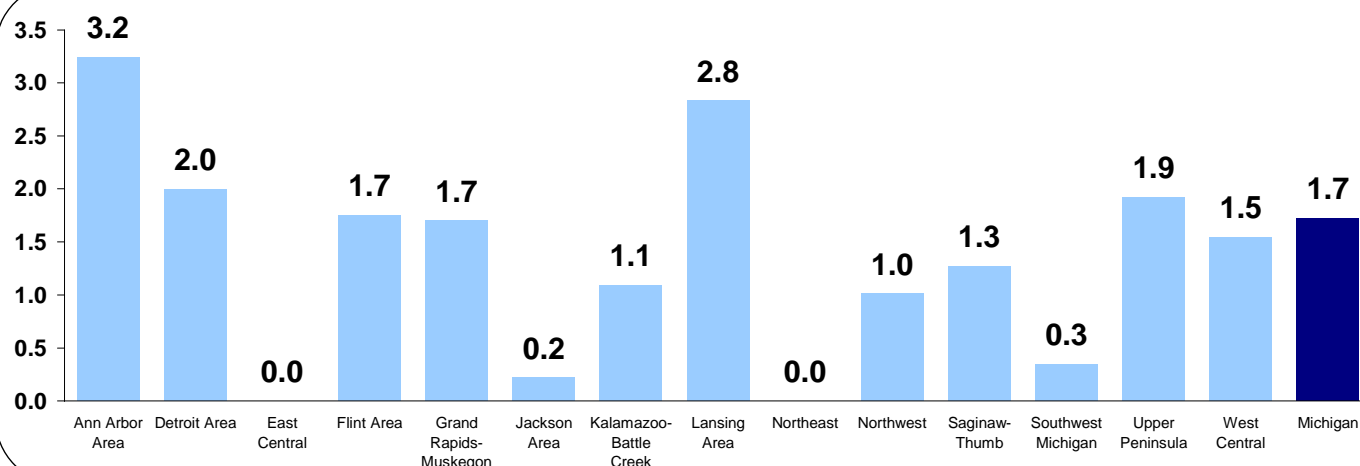


Active Patient Care Physicians, 2004

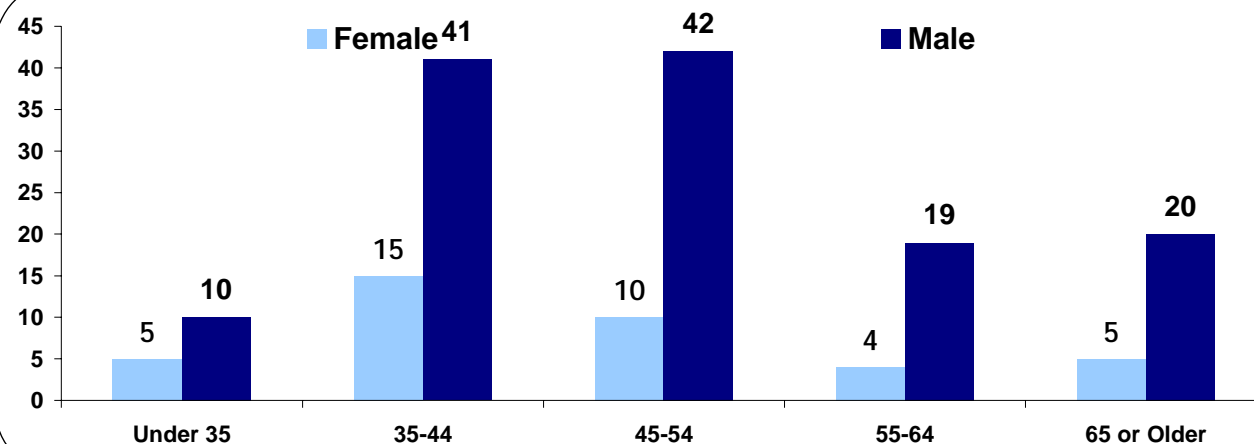
	Spec	All Spec
Patient Care Physicians in Specialty	173	23,769
Percent of All Specialties	1%	N/A
Average Age	50	49
Percent Over 55 or Older	28%	30%
Percent Female	23%	27%
Percent Under-represented Minority*	9%	8%
Percent Int'l Medical School Graduate	26%	28%
Percent with Residency Training in Michigan	47%	59%
Percent Attended Medical School in Michigan	33%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

Number of Other Physicians per 100,000 Population by Region in Michigan



Number of Active Patient Care Other Physicians by Gender and Age Group



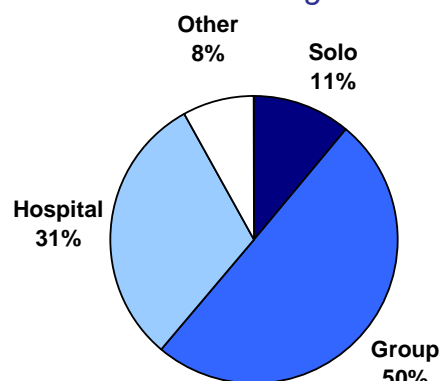
Other Internal Medicine

Active Patient Care Physicians, 2004

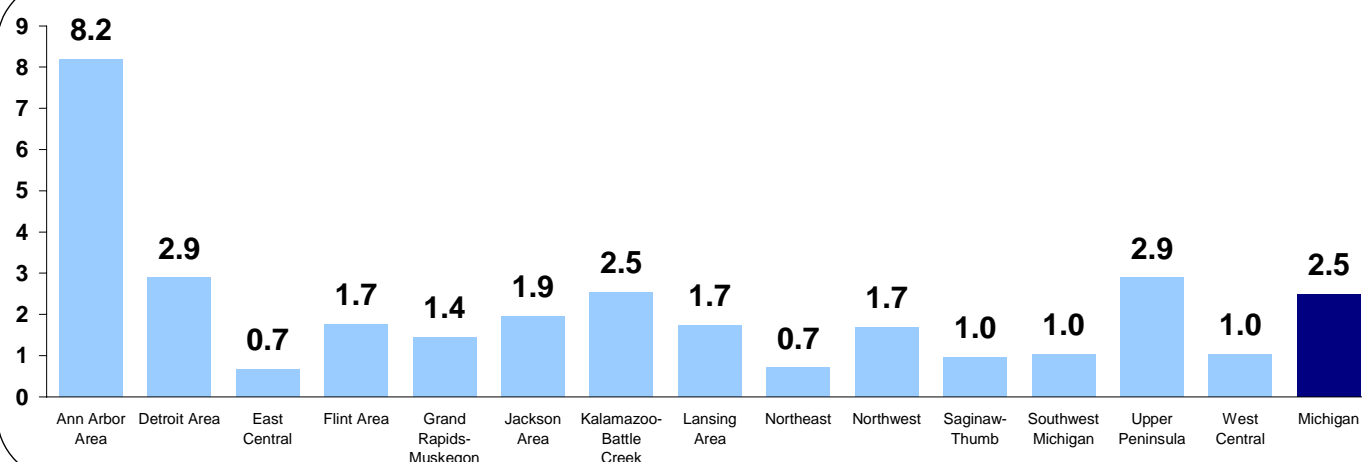
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	251	23,769
Percent of All Specialties	1%	N/A
Average Age	46	49
Percent Over 55 or Older	19%	30%
Percent Female	23%	27%
Percent Under-represented Minority*	6%	8%
Percent Int'l Medical School Graduate	44%	28%
Percent with Residency Training in Michigan	56%	59%
Percent Attended Medical School in Michigan	21%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

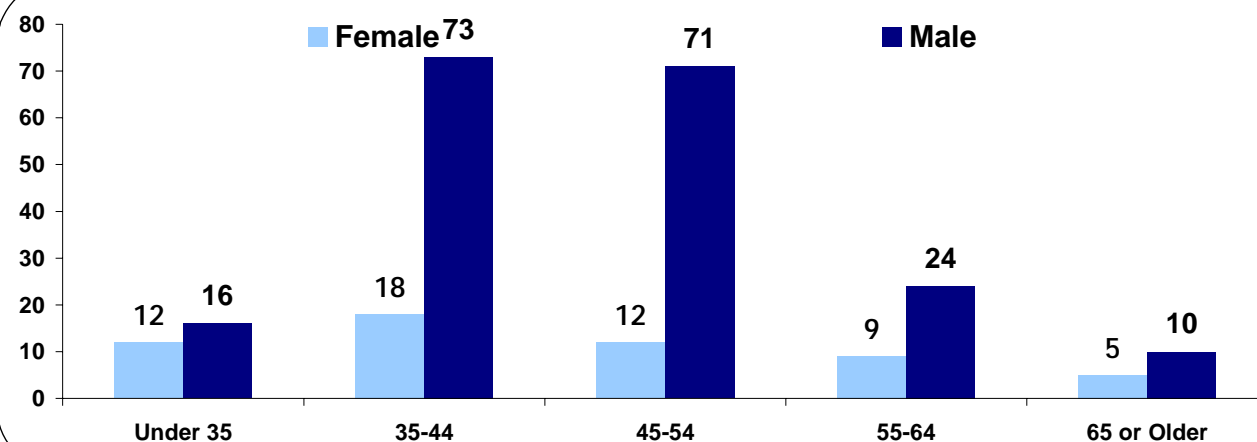
Practice Setting



Number of Other Int. Med. Specialists per 100,000 Population by Region in Michigan



Number of Active Patient Care Other Int. Med. Specialists by Gender and Age Group



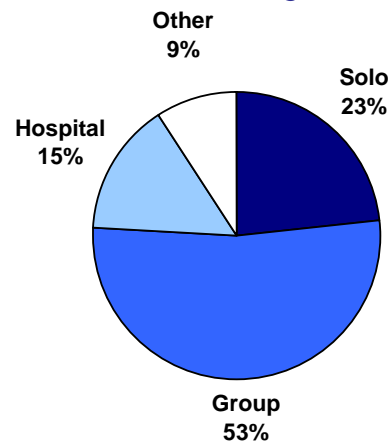
Other Surgery Specialties

Active Patient Care Physicians, 2004

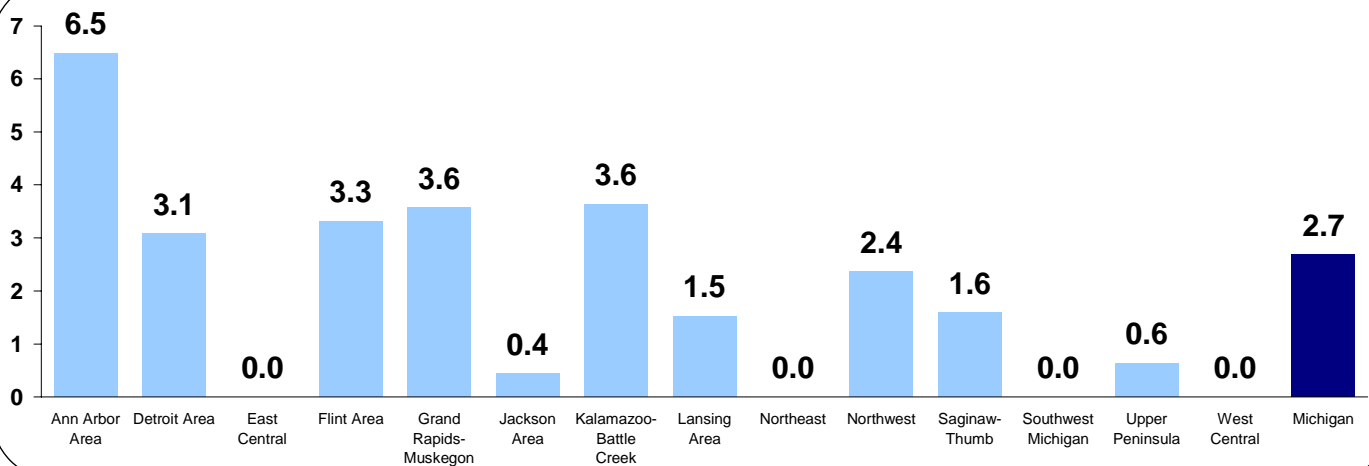
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	271	23,769
Percent of All Specialties	1%	N/A
Average Age	50	49
Percent Over 55 or Older	34%	30%
Percent Female	9%	27%
Percent Under-represented Minority*	4%	8%
Percent Int'l Medical School Graduate	18%	28%
Percent with Residency Training in Michigan	50%	59%
Percent Attended Medical School in Michigan	37%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

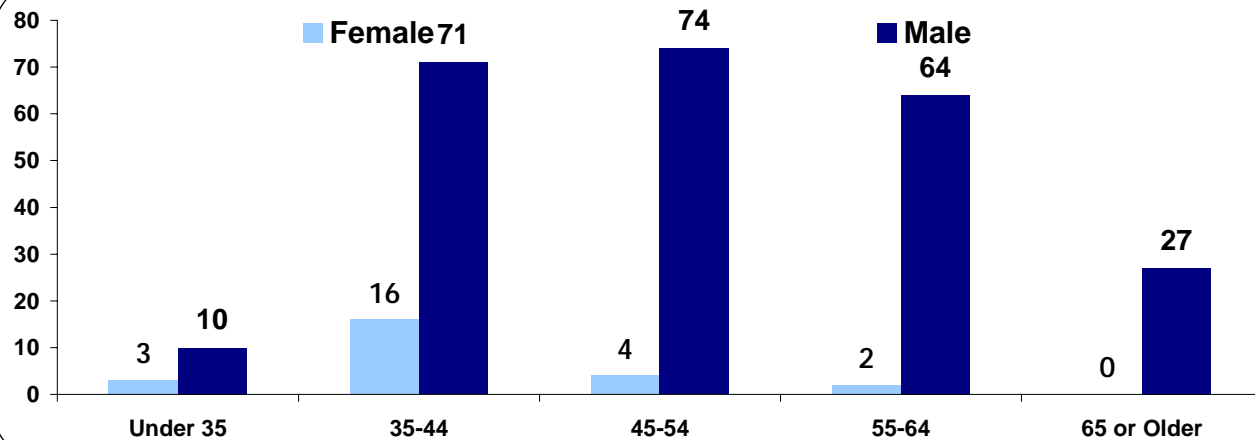
Practice Setting



Number of Other Surgical Specialists per 100,000 Population by Region in Michigan



Number of Active Patient Care Other Surgical Specialists by Gender and Age Group



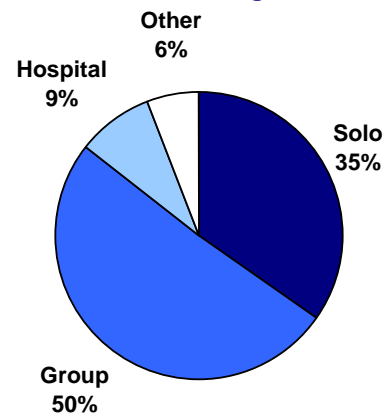
Otolaryngology

Active Patient Care Physicians, 2004

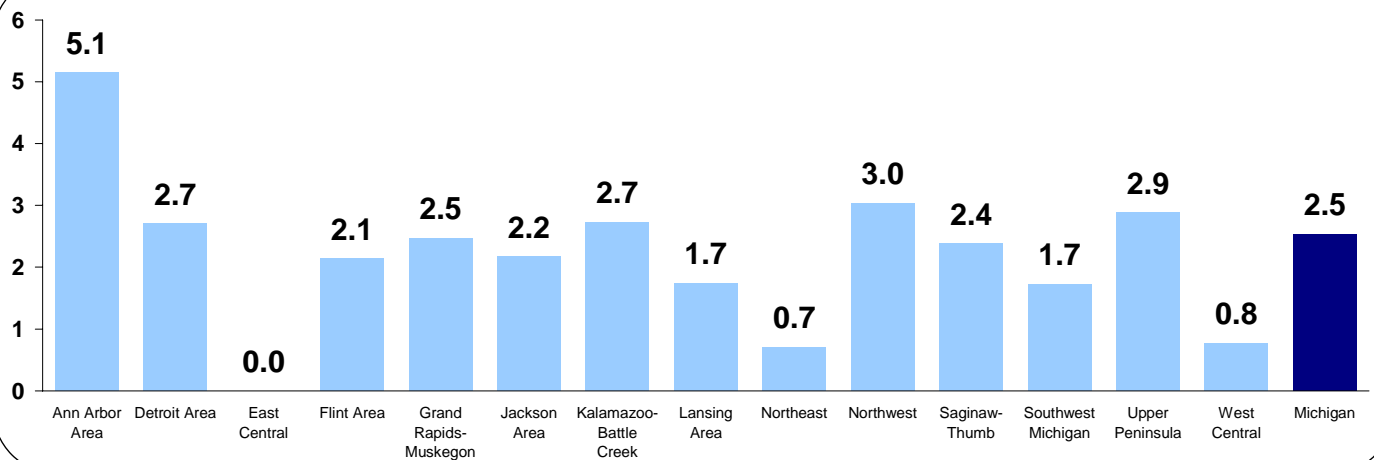
	Spec	All Spec
Patient Care Physicians in Specialty	258	23,769
Percent of All Specialties	1%	N/A
Average Age	50	49
Percent Over 55 or Older	34%	30%
Percent Female	10%	27%
Percent Under-represented Minority*	6%	8%
Percent Int'l Medical School Graduate	9%	28%
Percent with Residency Training in Michigan	44%	59%
Percent Attended Medical School in Michigan	43%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

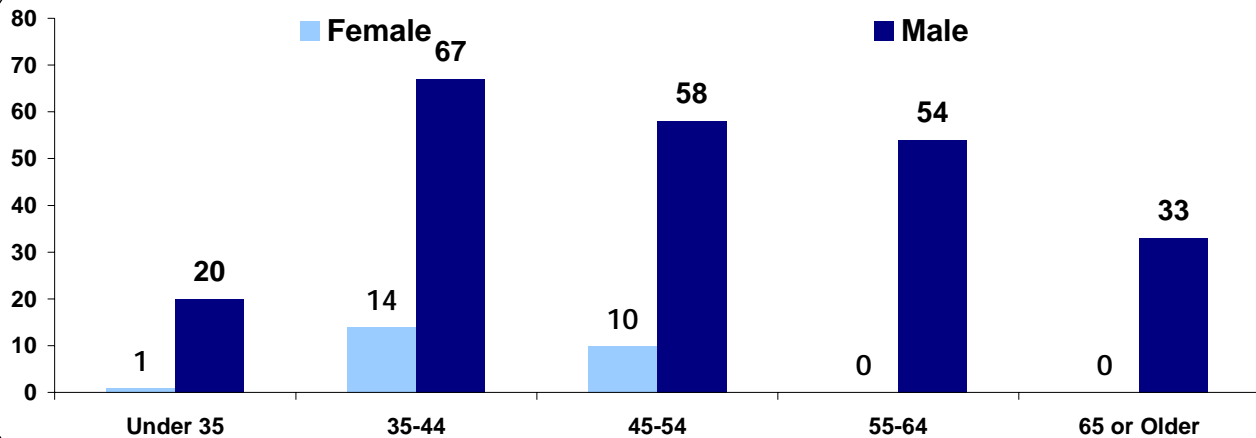
Practice Setting



Number of Otolaryngologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Otolaryngologists by Gender and Age Group



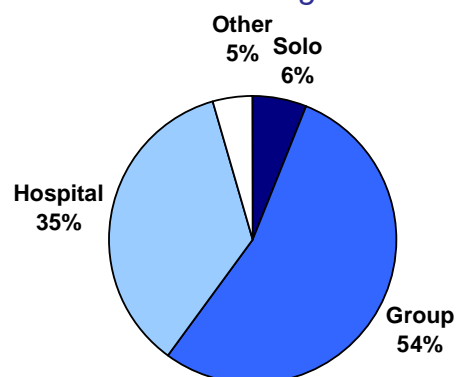
Pathology

Active Patient Care Physicians, 2004

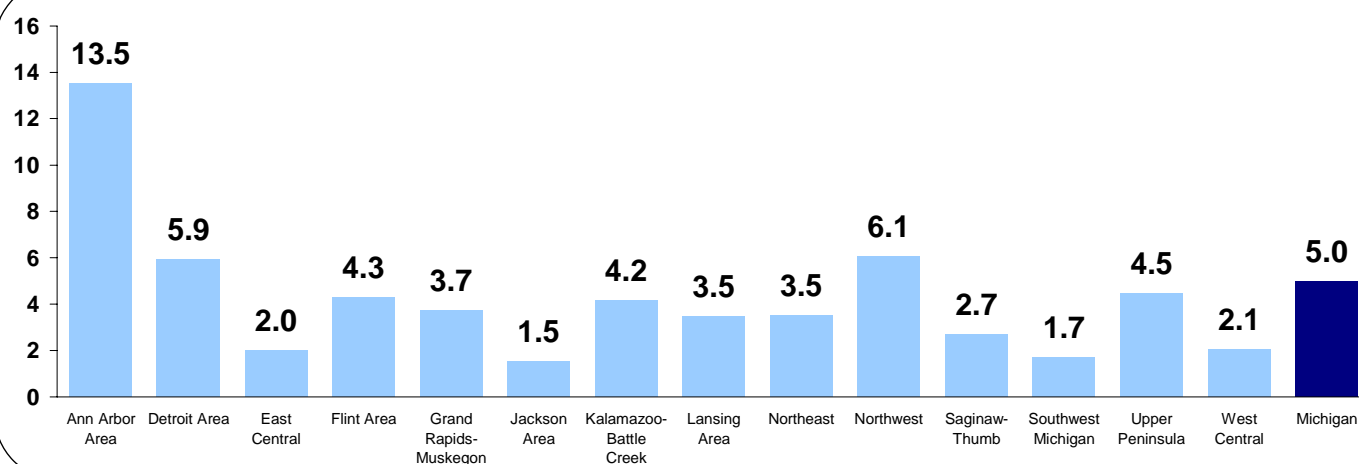
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	506	23,769
Percent of All Specialties	2%	N/A
Average Age	52	49
Percent Over 55 or Older	38%	30%
Percent Female	29%	27%
Percent Under-represented Minority*	5%	8%
Percent Int'l Medical School Graduate	39%	28%
Percent with Residency Training in Michigan	49%	59%
Percent Attended Medical School in Michigan	29%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

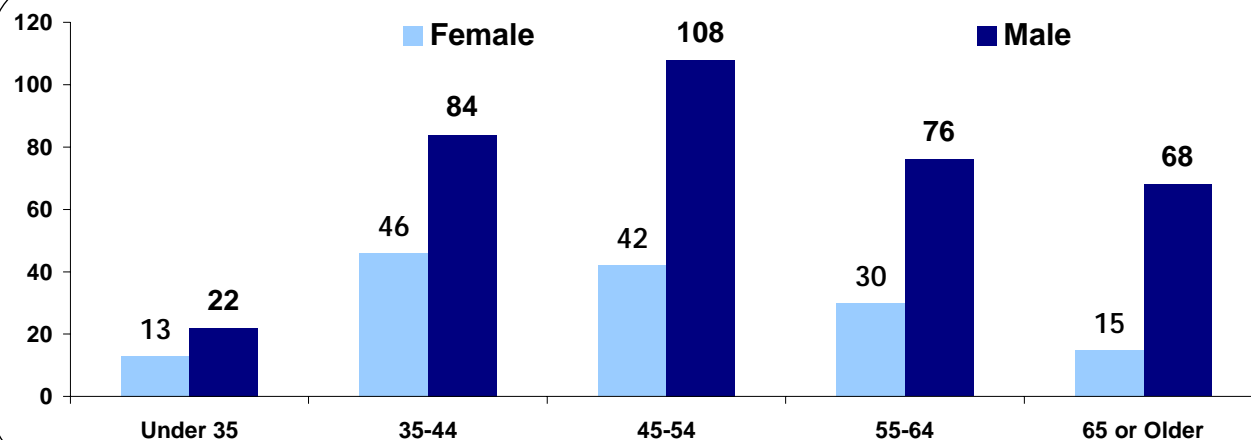
Practice Setting



Number of Pathologists per 100,000 Population by Region in Michigan



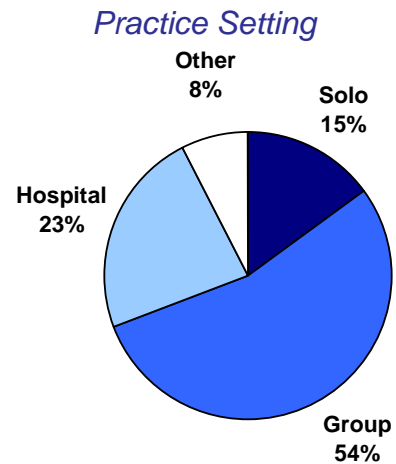
Number of Active Patient Care Pathologists by Gender and Age Group



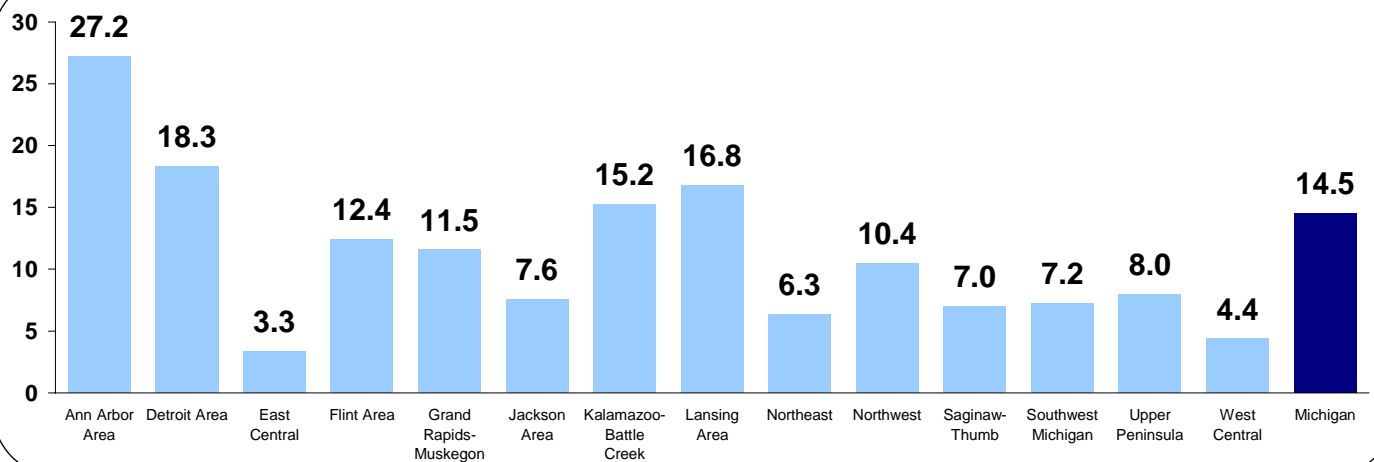
Pediatrics (General)

	<u>Spec</u>	<u>All Spec</u>
Active Patient Care Physicians, 2004		
Patient Care Physicians in Specialty	1,472	23,769
Percent of All Specialties	6%	N/A
Average Age	47	49
Percent Over 55 or Older	28%	30%
Percent Female	56%	27%
Percent Under-represented Minority*	10%	8%
Percent Int'l Medical School Graduate	38%	28%
Percent with Residency Training in Michigan	68%	59%
Percent Attended Medical School in Michigan	34%	38%

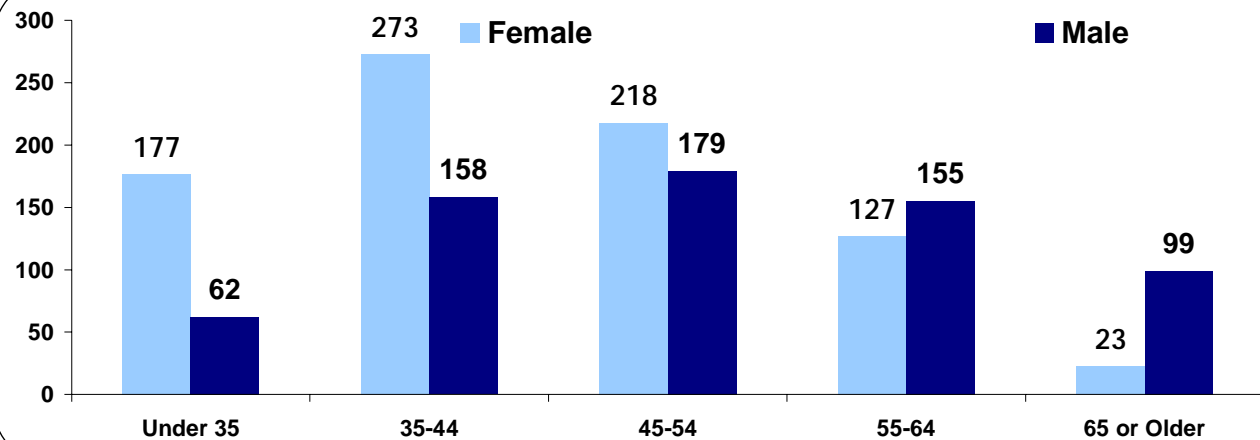
* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.



Number of Pediatricians per 100,000 Population by Region in Michigan

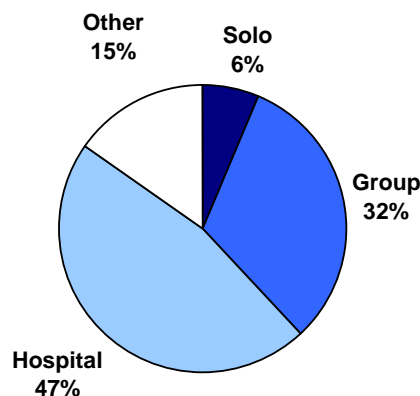


Number of Active Patient Care Pediatricians by Gender and Age Group



Pediatrics Subspecialties

Practice Setting

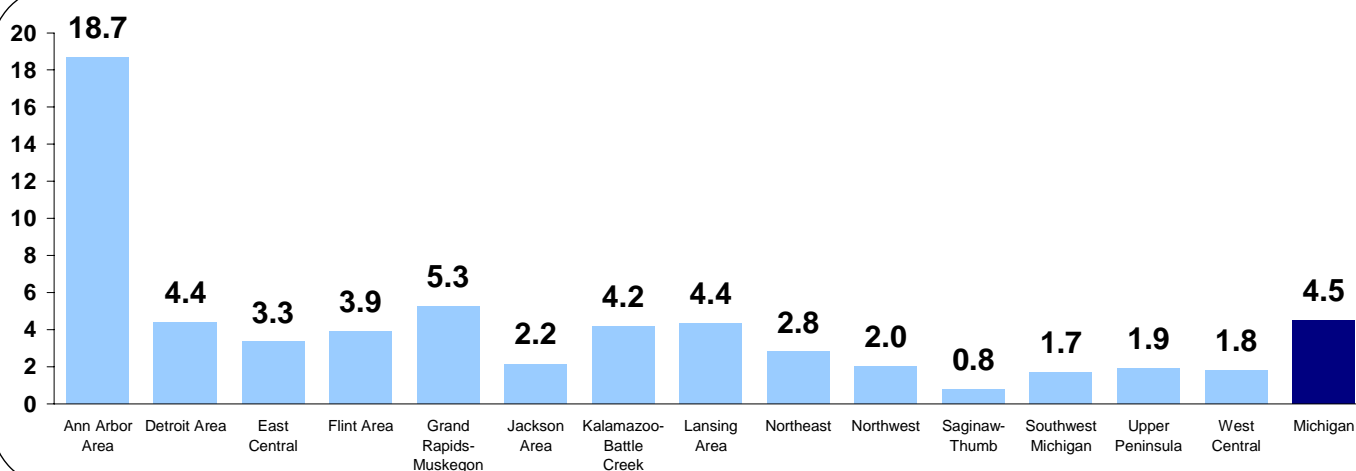


Active Patient Care Physicians, 2004

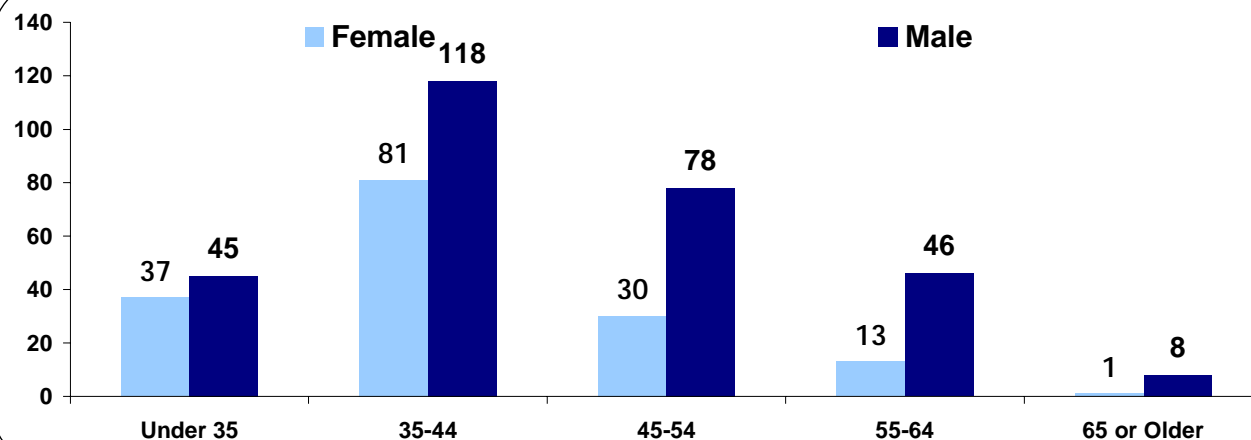
	Spec	All Spec
Patient Care Physicians in Specialty	458	23,769
Percent of All Specialties	2%	N/A
Average Age	43	49
Percent Over 55 or Older	15%	30%
Percent Female	35%	27%
Percent Under-represented Minority*	9%	8%
Percent Int'l Medical School Graduate	30%	28%
Percent with Residency Training in Michigan	62%	59%
Percent Attended Medical School in Michigan	32%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

Number of Pediatric Specialists per 100,000 Population by Region in Michigan



Number of Active Patient Care Pediatric Specialists by Gender and Age Group



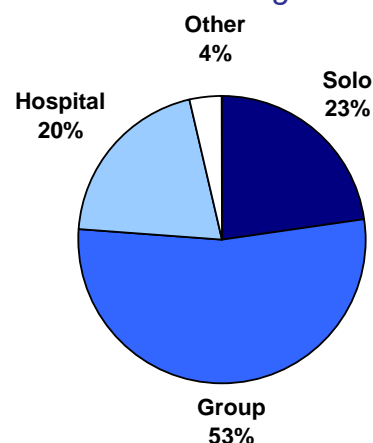
Physical Medicine & Rehabilitation

Active Patient Care Physicians, 2004

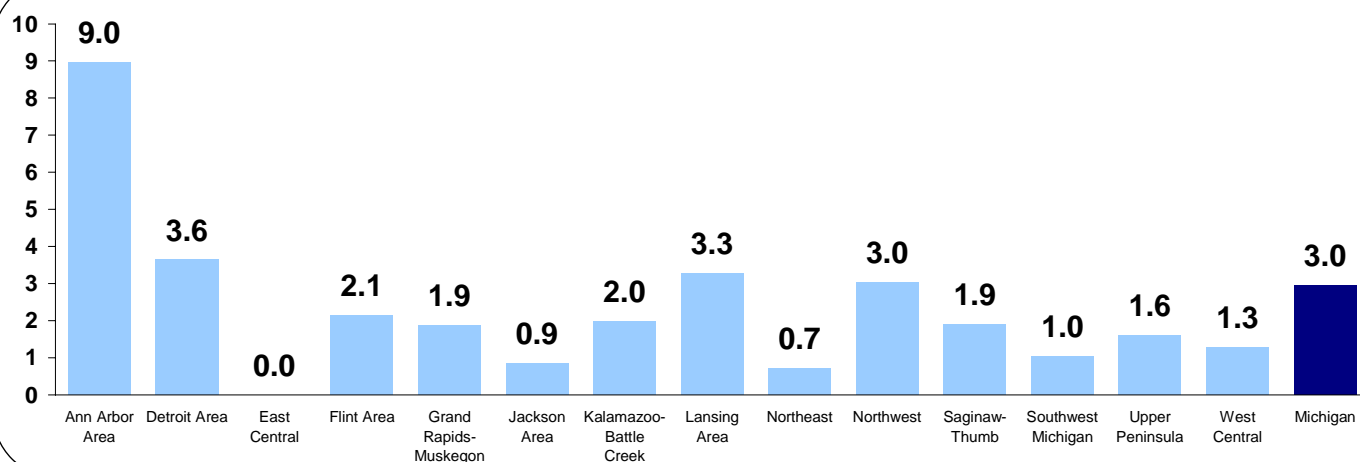
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	300	23,769
Percent of All Specialties	1%	N/A
Average Age	46	49
Percent Over 55 or Older	18%	30%
Percent Female	30%	27%
Percent Under-represented Minority*	9%	8%
Percent Int'l Medical School Graduate	19%	28%
Percent with Residency Training in Michigan	63%	59%
Percent Attended Medical School in Michigan	55%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

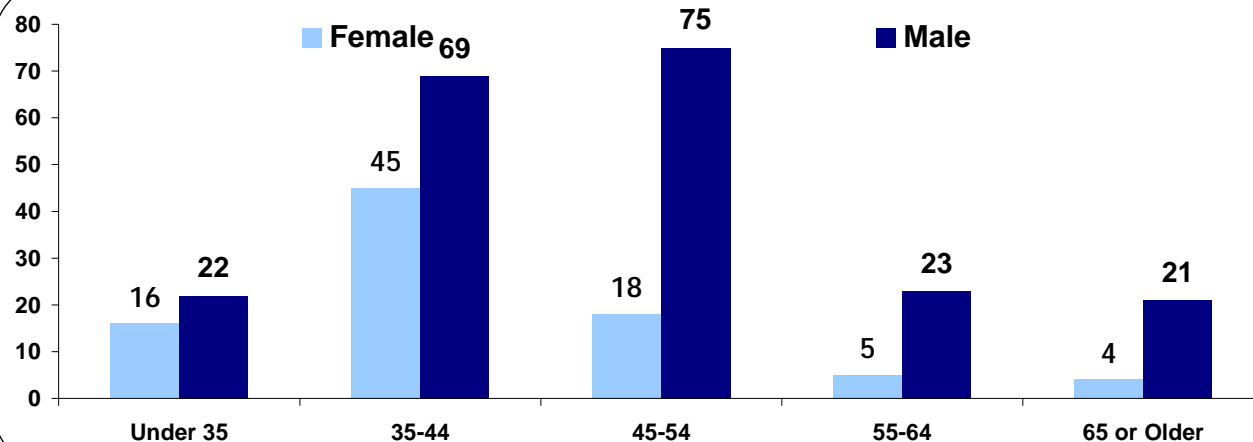
Practice Setting



Number of Physiatrists per 100,000 Population by Region in Michigan



Number of Active Patient Care Physiatrists by Gender and Age Group



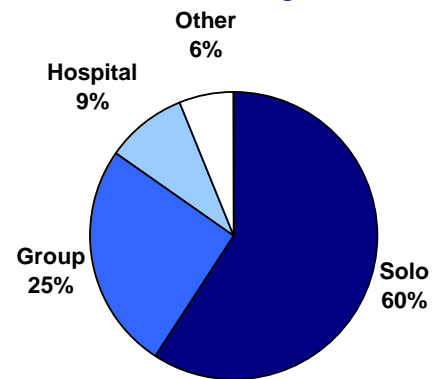
Plastic Surgery

Active Patient Care Physicians, 2004

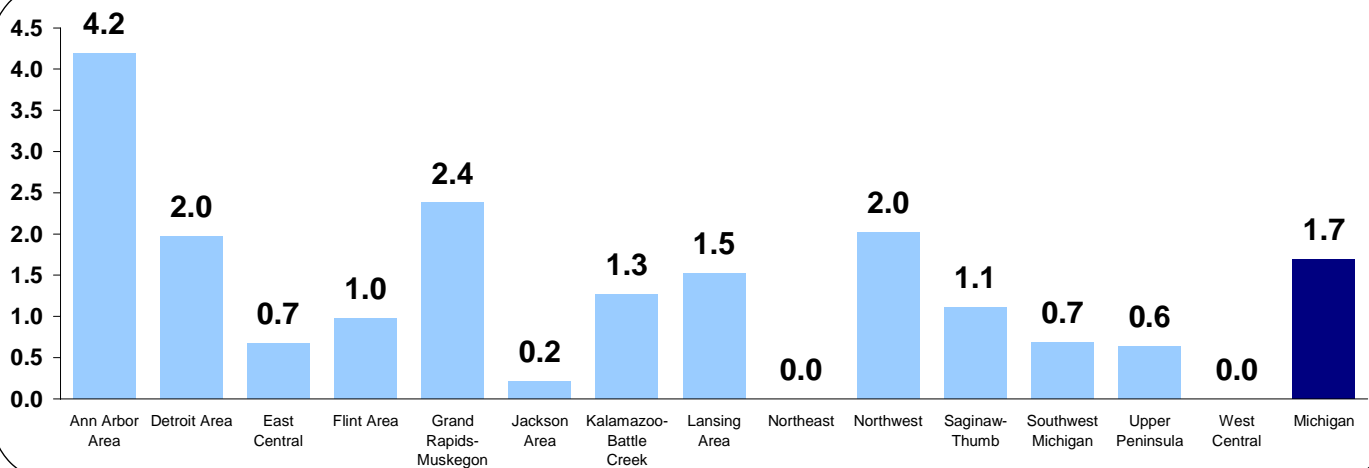
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	172	23,769
Percent of All Specialties	1%	N/A
Average Age	51	49
Percent Over 55 or Older	41%	30%
Percent Female	10%	27%
Percent Under-represented Minority*	7%	8%
Percent Int'l Medical School Graduate	23%	28%
Percent with Residency Training in Michigan	58%	59%
Percent Attended Medical School in Michigan	38%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

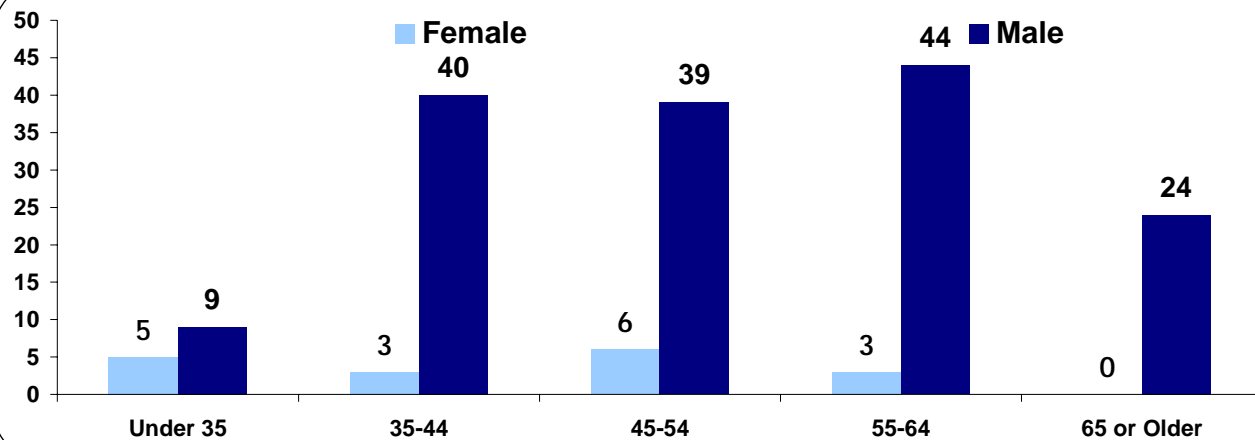
Practice Setting



Number of Plastic Surgeons per 100,000 Population by Region in Michigan



Number of Active Patient Care Plastic Surgeons by Gender and Age Group

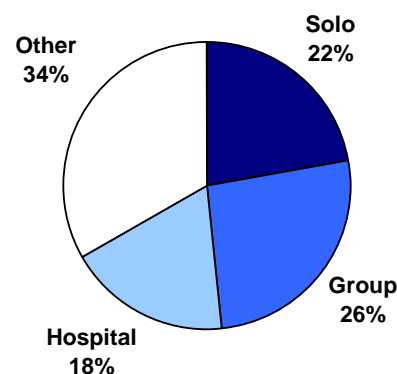


Prev Med/Occ Med/Public Hlth

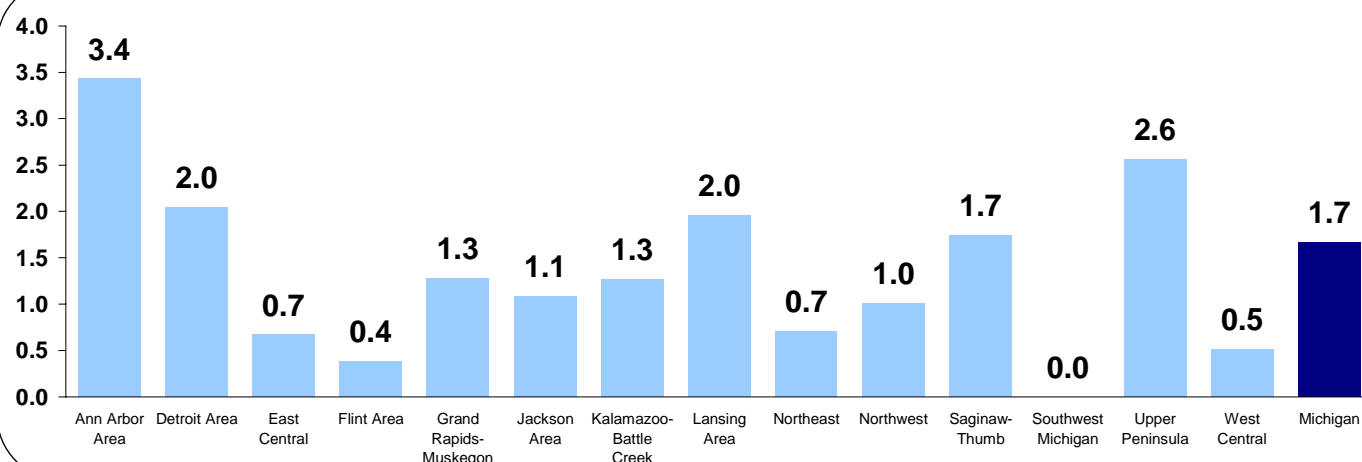
	Spec	All Spec
Active Patient Care Physicians, 2004		
Patient Care Physicians in Specialty	168	23,769
Percent of All Specialties	1%	N/A
Average Age	57	49
Percent Over 55 or Older	50%	30%
Percent Female	23%	27%
Percent Under-represented Minority*	17%	8%
Percent Int'l Medical School Graduate	17%	28%
Percent with Residency Training in Michigan	52%	59%
Percent Attended Medical School in Michigan	42%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

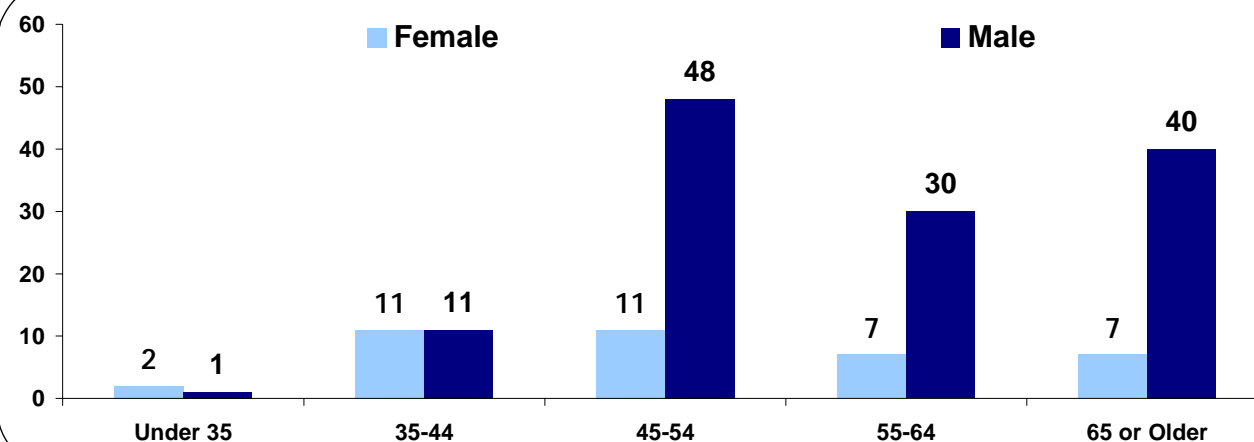
Practice Setting



Number of Prev Med/Occ Med/Pub Health Physicians per 100,000 Population by Region in Michigan

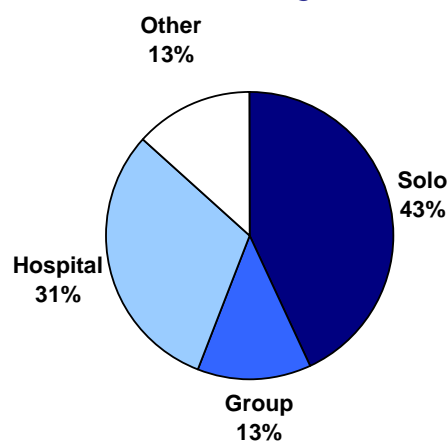


Number of Active Patient Care Prev Med/Occ Med/Pub Hlth Physicians by Gender and Age Group



Psychiatry - Adult

Practice Setting

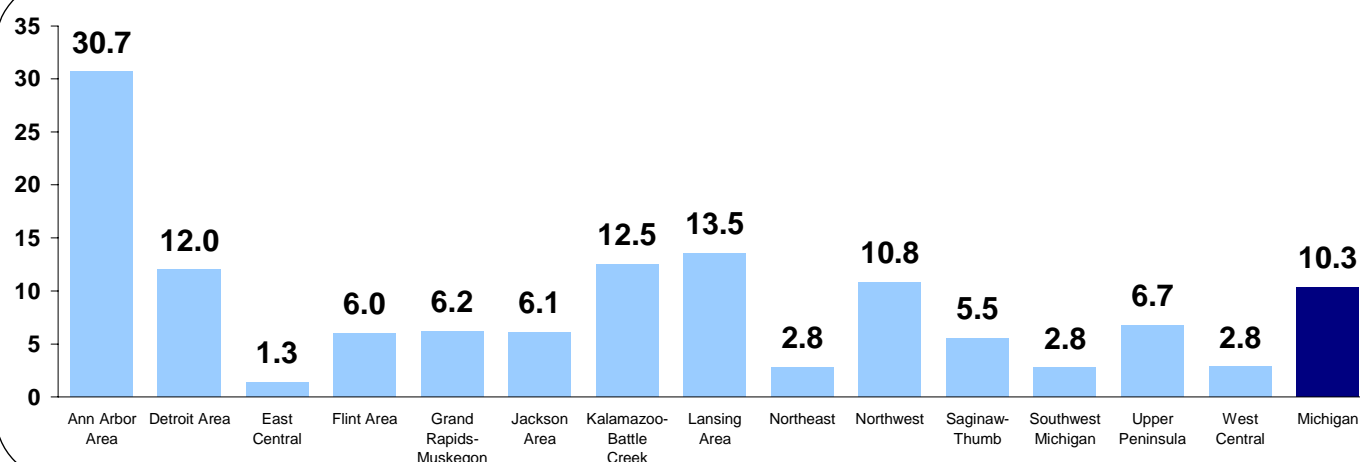


Active Patient Care Physicians, 2004

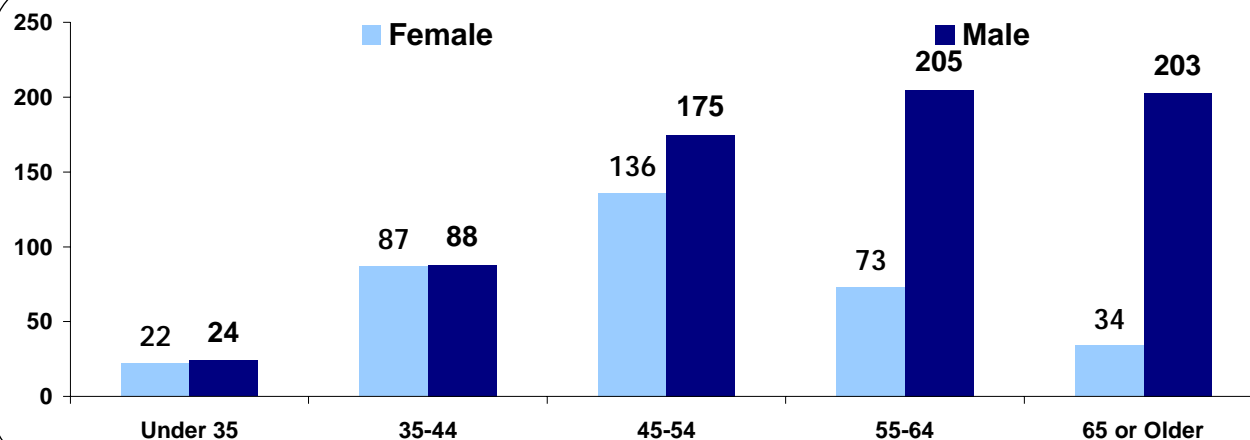
	Spec	All Spec
Patient Care Physicians in Specialty	1,048	23,769
Percent of All Specialties	4%	N/A
Average Age	55	49
Percent Over 55 or Older	49%	30%
Percent Female	34%	27%
Percent Under-represented Minority*	9%	8%
Percent Int'l Medical School Graduate	41%	28%
Percent with Residency Training in Michigan	70%	59%
Percent Attended Medical School in Michigan	36%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

Number of Psychiatrists per 100,000 Population by Region in Michigan



Number of Active Patient Care Psychiatrists by Gender and Age Group

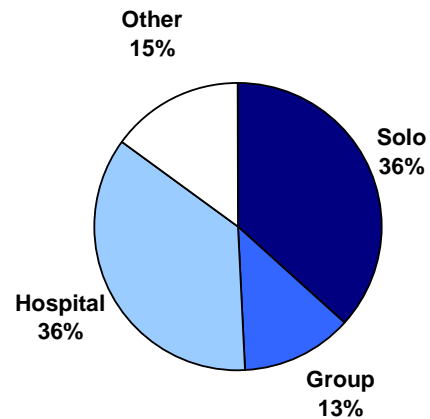


Psychiatry - Child & Adolescent

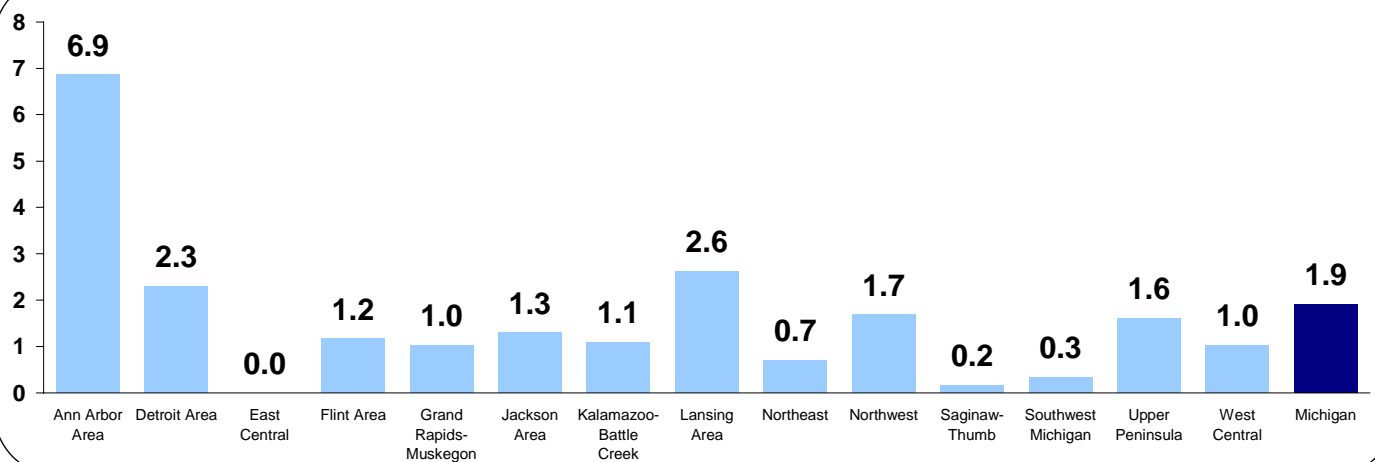
	<u>Spec</u>	<u>All Spec</u>
Active Patient Care Physicians, 2004		
Patient Care Physicians in Specialty	193	23,769
Percent of All Specialties	1%	N/A
Average Age	52	49
Percent Over 55 or Older	36%	30%
Percent Female	47%	27%
Percent Under-represented Minority*	11%	8%
Percent Int'l Medical School Graduate	37%	28%
Percent with Residency Training in Michigan	72%	59%
Percent Attended Medical School in Michigan	36%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

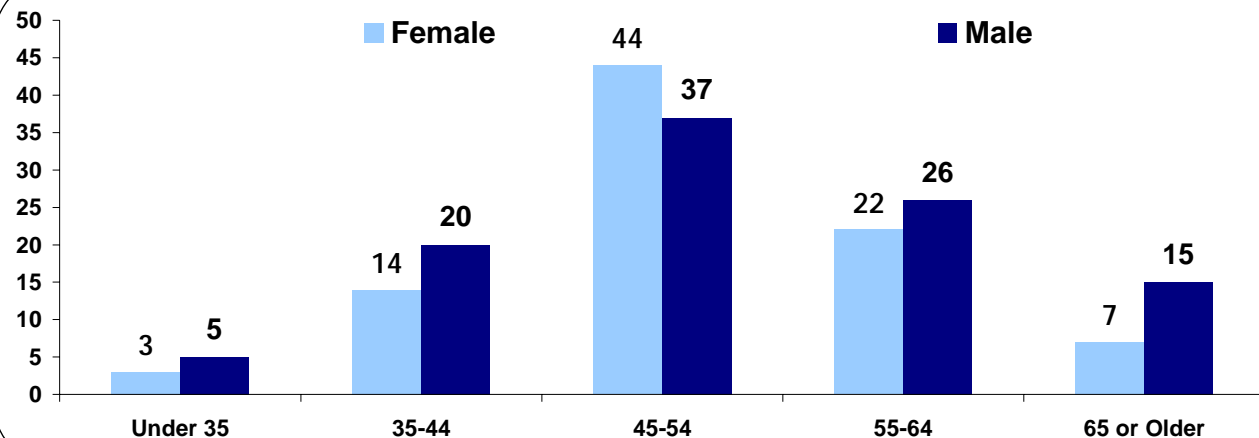
Practice Setting



Number of Child & Adolescent Psychiatrists per 100,000 Population by Region in Michigan



Number of Active Patient Care Child & Adolescent Psychiatrists by Gender and Age Group



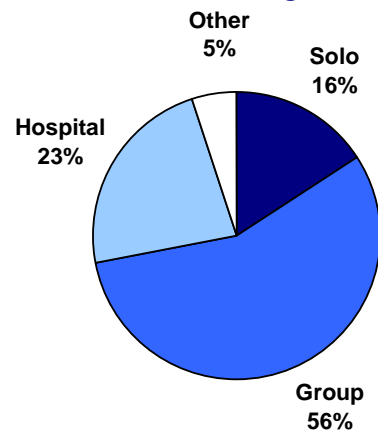
Pulmonary Disease

Active Patient Care Physicians, 2004

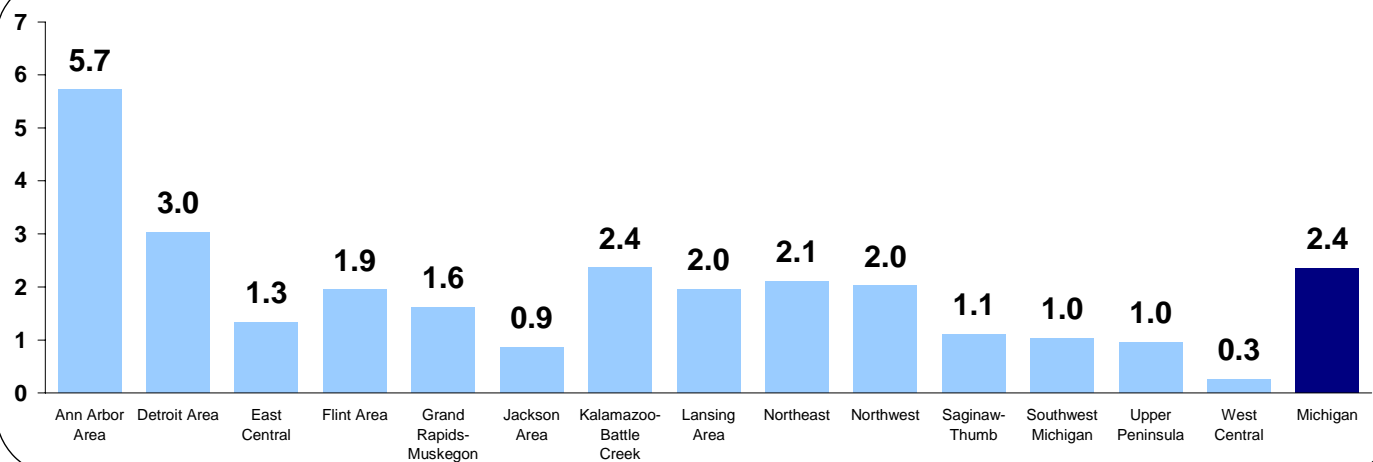
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	239	23,769
Percent of All Specialties	1%	N/A
Average Age	47	49
Percent Over 55 or Older	22%	30%
Percent Female	10%	27%
Percent Under-represented Minority*	7%	8%
Percent Int'l Medical School Graduate	40%	28%
Percent with Residency Training in Michigan	61%	59%
Percent Attended Medical School in Michigan	31%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

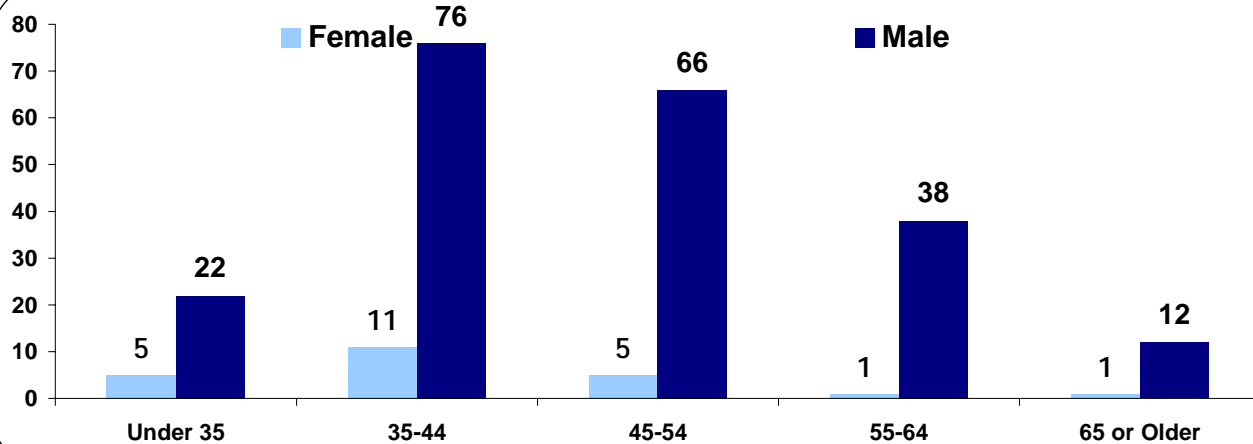
Practice Setting



Number of Pulmonologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Pulmonologists by Gender and Age Group



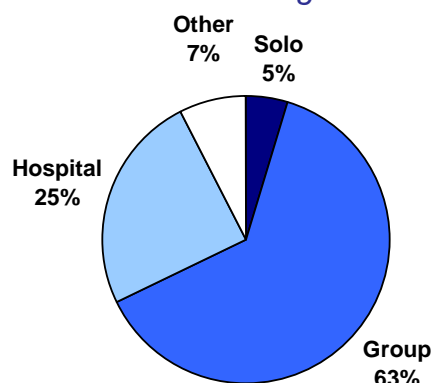
Radiology

Active Patient Care Physicians, 2004

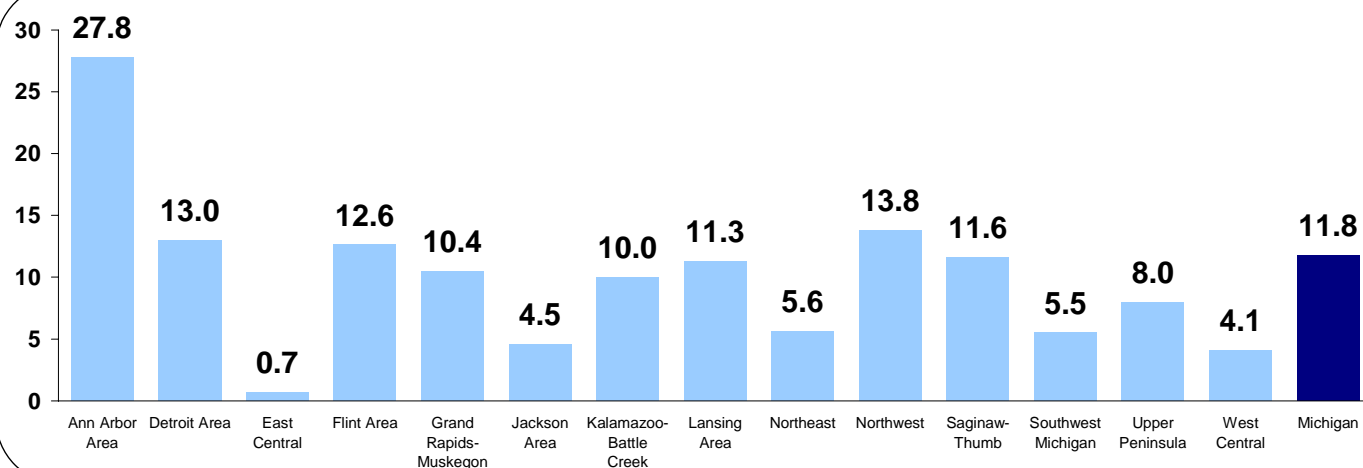
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	1,196	23,769
Percent of All Specialties	5%	N/A
Average Age	50	49
Percent Over 55 or Older	35%	30%
Percent Female	18%	27%
Percent Under-represented Minority*	4%	8%
Percent Int'l Medical School Graduate	23%	28%
Percent with Residency Training in Michigan	61%	59%
Percent Attended Medical School in Michigan	40%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

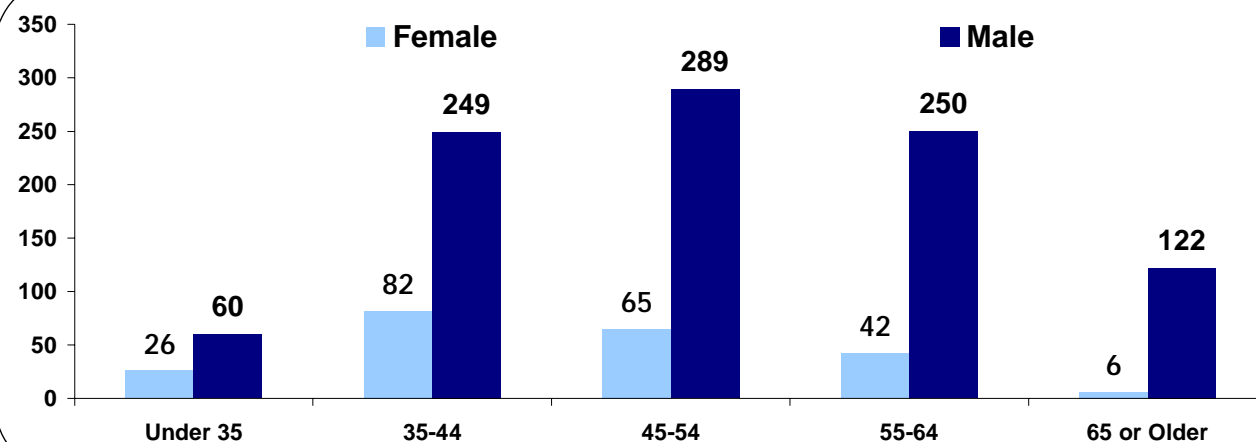
Practice Setting



Number of Radiologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Radiologists by Gender and Age Group



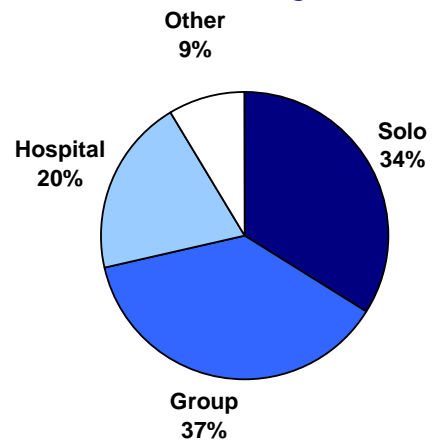
Rheumatology

Active Patient Care Physicians, 2004

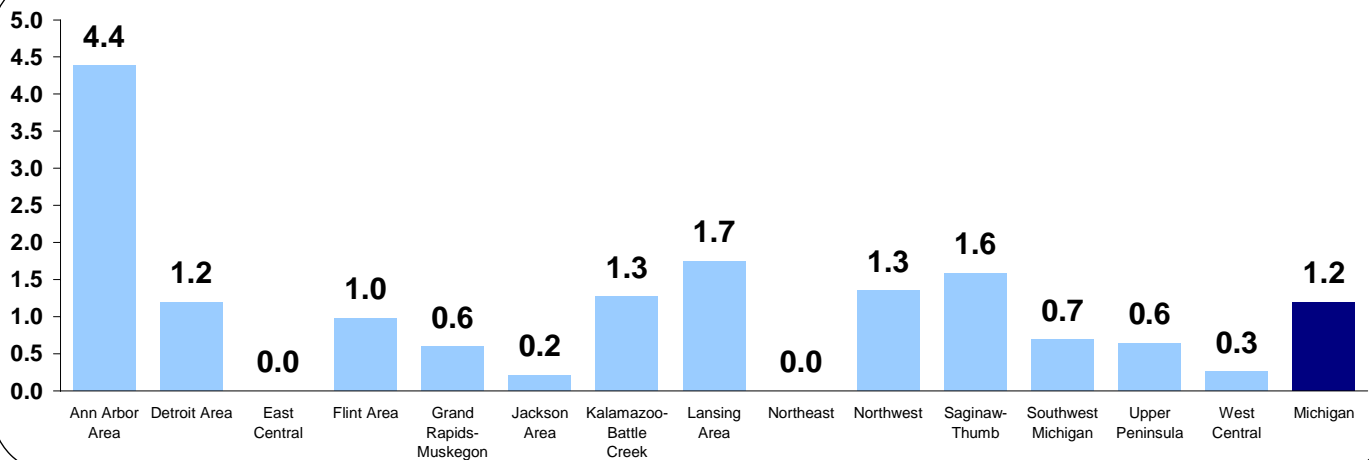
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	121	23,769
Percent of All Specialties	1%	N/A
Average Age	50	49
Percent Over 55 or Older	34%	30%
Percent Female	31%	27%
Percent Under-represented Minority*	7%	8%
Percent Int'l Medical School Graduate	38%	28%
Percent with Residency Training in Michigan	63%	59%
Percent Attended Medical School in Michigan	29%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

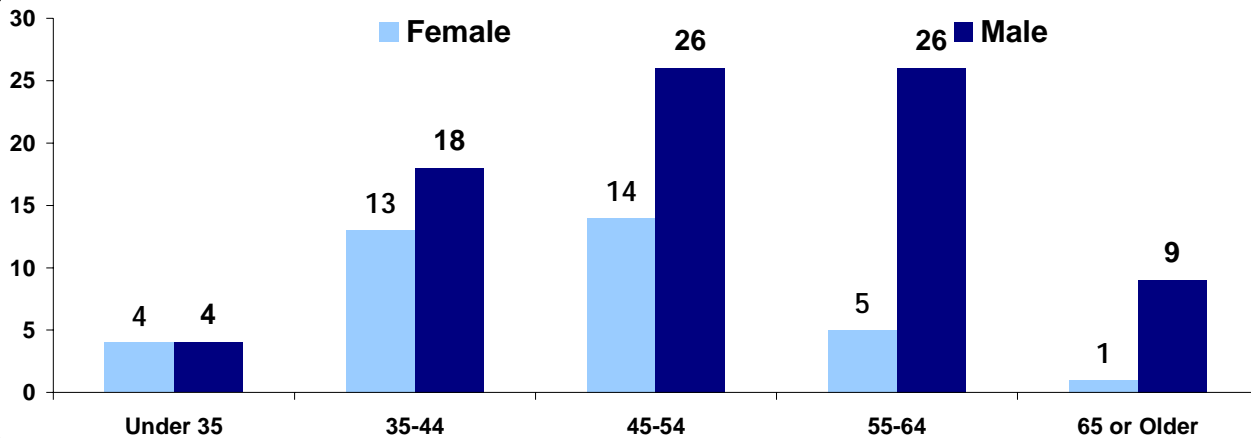
Practice Setting



Number of Rheumatologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Rheumatologists by Gender and Age Group



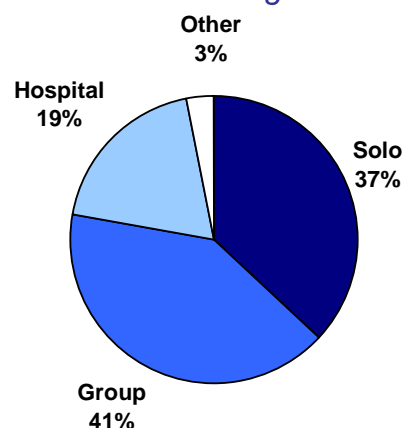
Surgery (General)

Active Patient Care Physicians, 2004

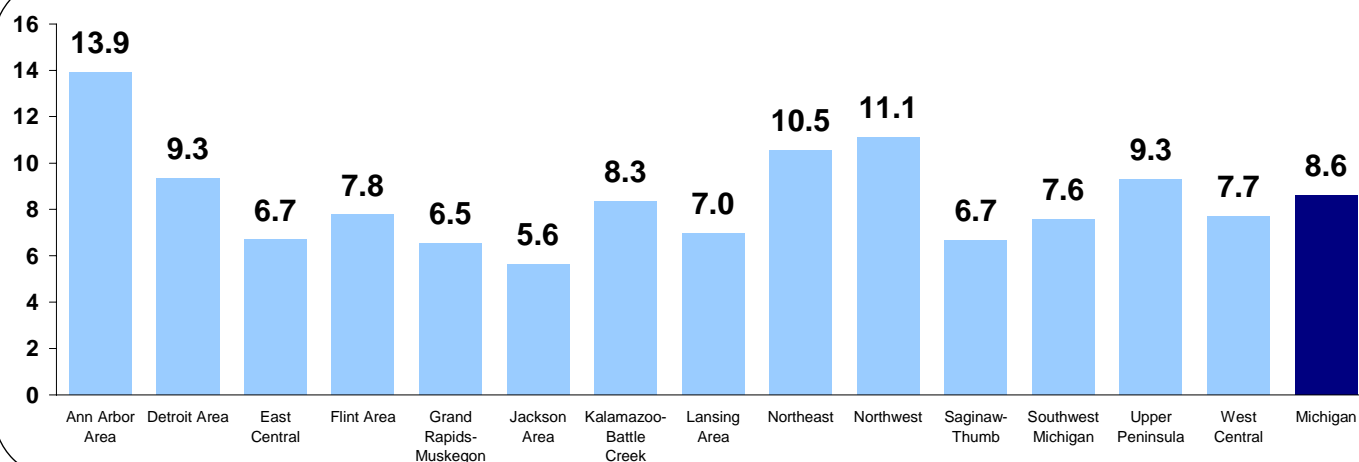
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	872	23,769
Percent of All Specialties	4%	N/A
Average Age	51	49
Percent Over 55 or Older	41%	30%
Percent Female	12%	27%
Percent Under-represented Minority*	8%	27%
Percent Int'l Medical School Graduate	28%	28%
Percent with Residency Training in Michigan	65%	59%
Percent Attended Medical School in Michigan	34%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

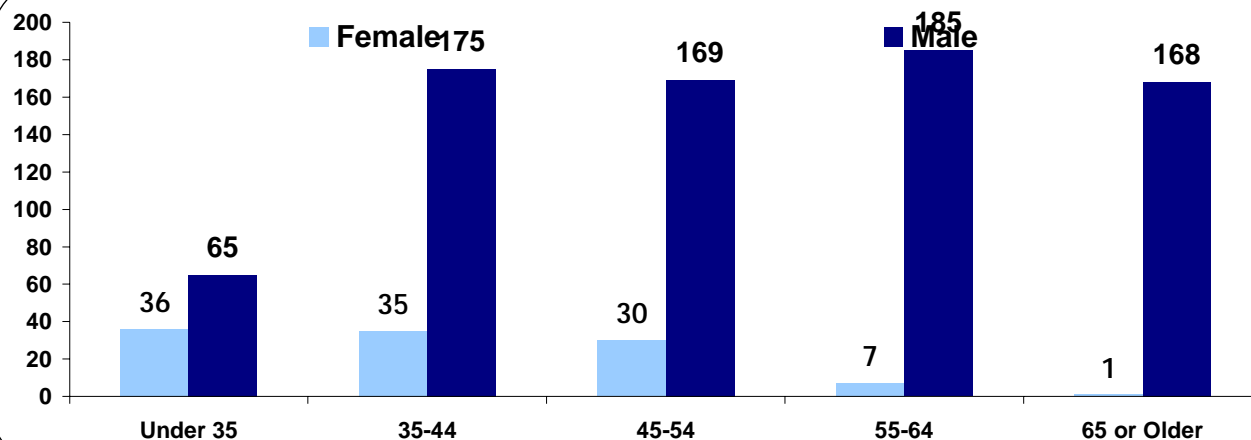
Practice Setting



Number of General Surgeons per 100,000 Population by Region in Michigan



Number of Active Patient Care General Surgeons by Gender and Age Group



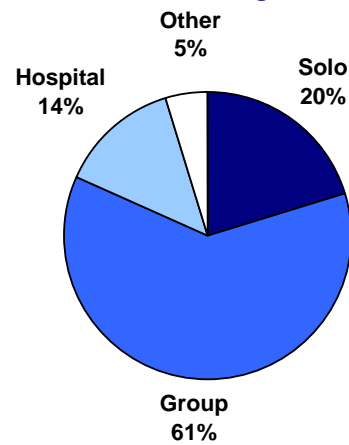
Thoracic Surgery

Active Patient Care Physicians, 2004

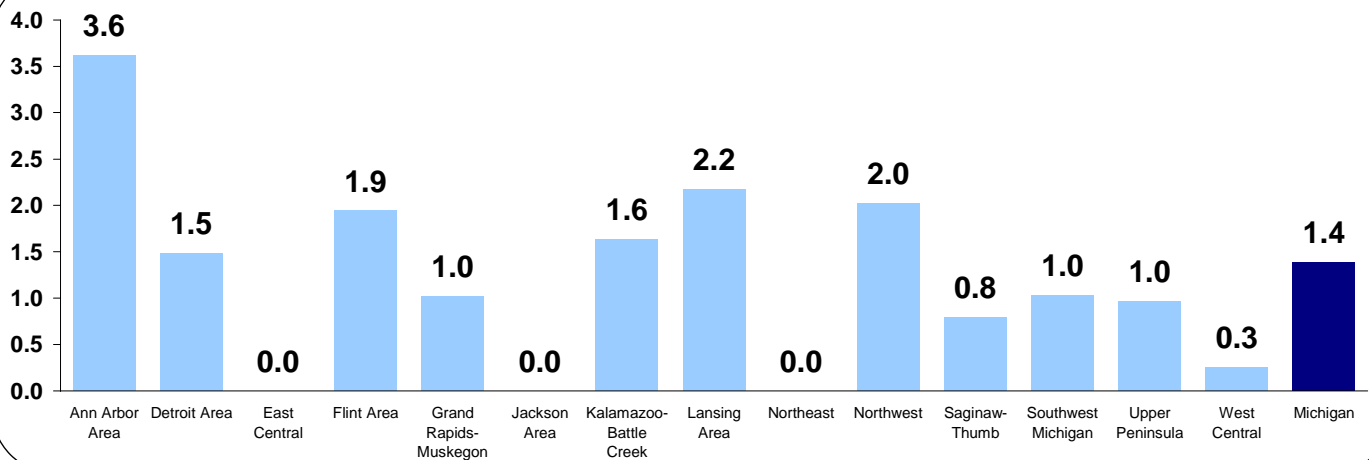
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	140	23,769
Percent of All Specialties	1%	N/A
Average Age	52	49
Percent Over 55 or Older	40%	30%
Percent Female	1%	27%
Percent Under-represented Minority*	4%	8%
Percent Int'l Medical School Graduate	19%	28%
Percent with Residency Training in Michigan	35%	59%
Percent Attended Medical School in Michigan	21%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

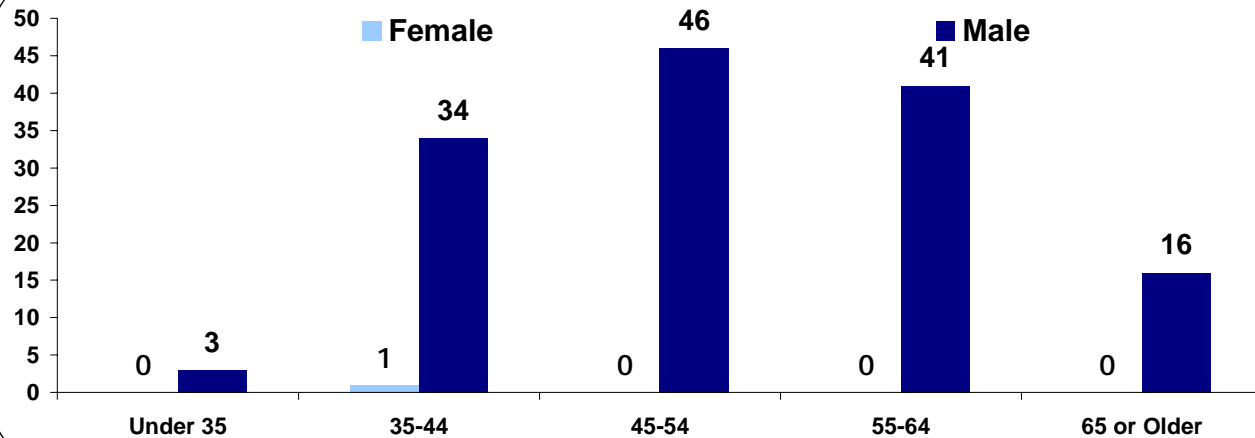
Practice Setting



Number of Thoracic Surgeons per 100,000 Population by Region in Michigan



Number of Active Patient Care Thoracic Surgeons by Gender and Age Group



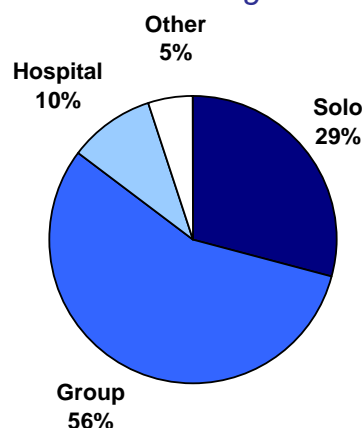
Urology

Active Patient Care Physicians, 2004

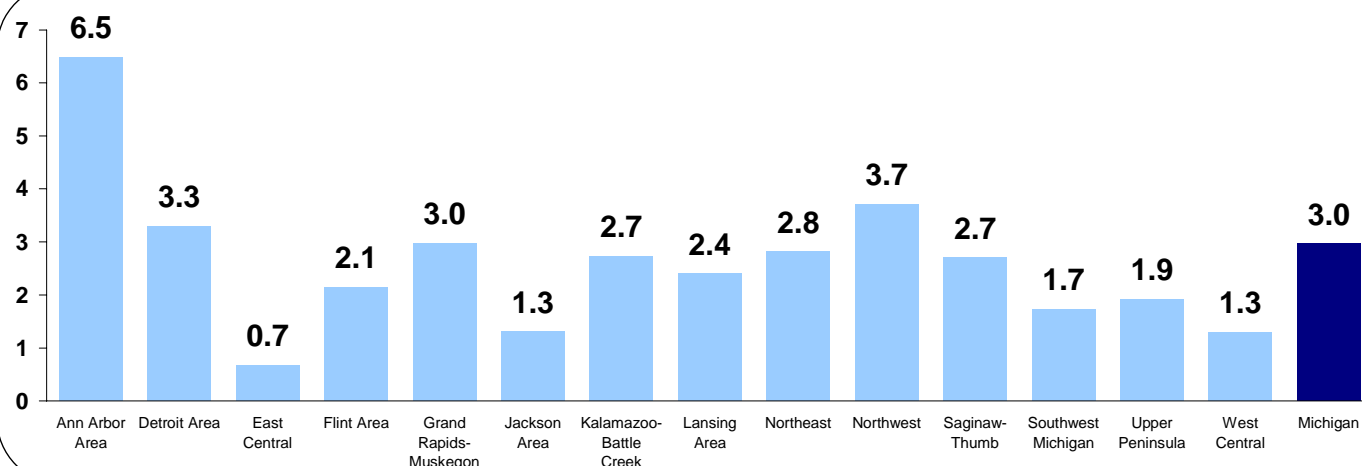
	<u>Spec</u>	<u>All Spec</u>
Patient Care Physicians in Specialty	301	23,769
Percent of All Specialties	1%	N/A
Average Age	52	49
Percent Over 55 or Older	46%	30%
Percent Female	4%	27%
Percent Under-represented Minority*	8%	8%
Percent Int'l Medical School Graduate	21%	28%
Percent with Residency Training in Michigan	53%	59%
Percent Attended Medical School in Michigan	42%	38%

* Under-represented minorities include: Alaskan Natives; Native Americans; Hispanic/Latino Americans; and African Americans.

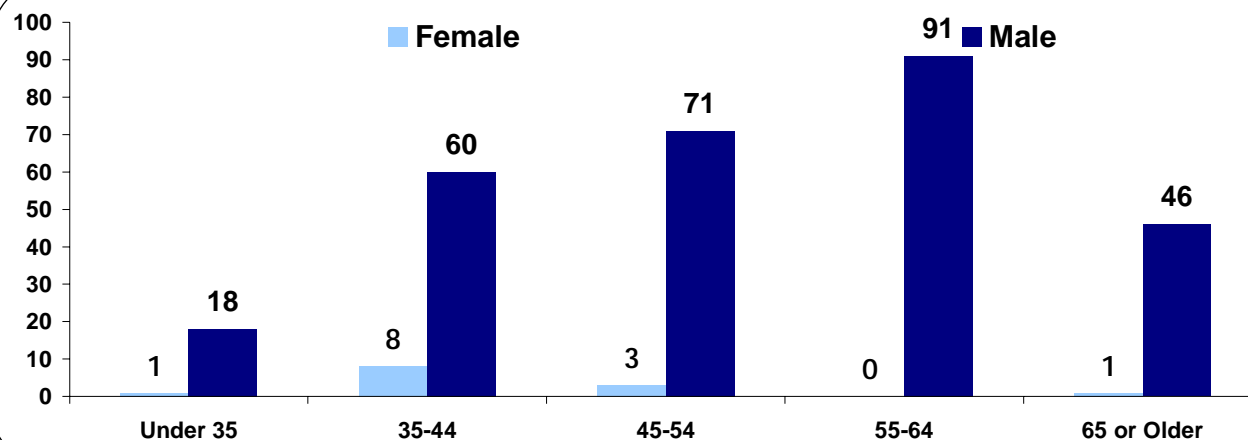
Practice Setting



Number of Urologists per 100,000 Population by Region in Michigan



Number of Active Patient Care Urologists by Gender and Age Group



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Appendix

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Data

The data on Michigan physicians used to generate the charts, tables, and figures in this report were derived from the American Medical Association's Physician Masterfile current as of December 2004. Physicians in Michigan were identified by their practice locations.

The data on allopathic medical school graduations were obtained from the annual Medical Education Theme Issues of the *Journal of the American Medical Association*, 2001-2005. The data on osteopathic medical school graduations were obtained from the *Annual Statistical Report*, 2001-2004 of the American Association of Colleges of Osteopathic Medicine.

Michigan population data were obtained from the US Census Bureau: .

Helpful Definitions

Active Physician: For the purposes of this report, an active physician was defined as a physician who was categorized as neither retired nor inactive in the American Medical Association's Masterfile of Physicians in 2004.

Underrepresented Minority: For the purposes of this report, an underrepresented minority was conceptualized as a person with a race/ethnicity that made up a smaller proportion of the physician population than it does of the general population. This included: Black, non-Hispanic; Hispanic; and Native American/Alaskan physicians.

Specialty Groupings: In this report, in many cases individual specialties were grouped together for simplicity and efficiency. Below, the groupings along with the individual specialties in the American Medical Association's Masterfile of Physicians that compose them are presented. A second set of consolidated specialty groupings is also detailed.

Appendix

Table A-1

Specialty Grouping Details

Report Specialty Grouping

Allergy & Immunology

American Medical Association Specialty

Allergy; Allergy & Immunology; Allergy & Immunology / Clinical Laboratory Immunology; Immunology

Anesthesiology

Anesthesiology; Critical Care Medicine (Anesthesiology); Pediatric Anesthesiology

Cardiology

Cardiovascular Disease

Dermatology

Dermatology; Dermatologic Surgery

Emergency Medicine

Emergency Medicine; Medical Toxicology (Emergency Medicine); Pediatric Emergency Medicine (Emergency Medicine)

Endocrinology and Metabolism

Endocrinology, Diabetes & Metabolism

Family Medicine

Family Medicine; Geriatric Medicine (Family Medicine); Sports Medicine (Family Medicine); General Practice

Gastroenterology

Gastroenterology

Geriatrics

Geriatric Medicine (Internal Medicine)

Gynecology (Only)

Gynecology

Infectious Disease

Infectious Disease

Internal Medicine (General)

Internal Medicine

Medical Oncology

Medical Oncology

Nephrology

Nephrology

Neurology

Child Neurology; Clinical Neurophysiology; Neurology

Appendix

Table A-1 (cont.)

Specialty Grouping Details

Report Specialty Grouping	American Medical Association Specialty
Neurosurgery	Neurological Surgery; Pediatric Surgery (Neurology)
Obstetrics & Gynecology	Gynecological Oncology; Maternal & Fetal Medicine; Obstetrics & Gynecology; Obstetrics; Reproductive Endocrinology
Ophthalmology	Ophthalmology; Pediatric Ophthalmology
Orthopedics	Hand Surgery (Orthopedic Surgery); Adult Reconstructive Orthopedics; Orthopedics, Foot & Ankle; Osteopathic Manipulative Medicine; Musculoskeletal Oncology; Pediatric Orthopedics; Orthopedic Surgery; Sports Medicine (Orthopedic Surgery); Orthopedic Surgery of the Spine; Orthopedic Trauma
Other Internal Medicine Specialties	Clinical & Laboratory Immunology (Internal Medicine); Critical Care Medicine (Internal Medicine); Diabetes; Hematology; Hepatology; Hematology/Oncology; Interventional Cardiology; Cardiac Electrophysiology; Internal Medicine/Emergency Medicine; Nutrition
Other Specialties	Addiction Medicine; Adolescent Medicine (Internal Medicine); Aerospace Medicine; Clinical Genetics; Clinical Molecular Genetics; Internal Medicine/Physical Medicine & Rehabilitation; Legal Medicine; Medical Management; Medical Genetics; Other Specialty; Clinical Pharmacology; Pharmaceutical Medicine; Palliative Medicine; Pain Management; Pain Medicine; Sleep Medicine; Urgent Care Medicine; Vascular Medicine
Other Surgery Specialties	Abdominal Surgery; Surgical Critical Care (Surgery); Colon & Rectal Surgery; Head & Neck Surgery; Hand Surgery; Pediatric Cardiothoracic Surgery; Pediatric Surgery (Surgery); Surgical Oncology; Trauma Surgery; Transplant Surgery; Vascular Surgery

Appendix

Table A-1 (cont.)

Specialty Grouping Details

Report Specialty Grouping

Otolaryngology

American Medical Association Specialty

Oral and Maxillofacial Surgery;
Otology/Neurotology; Otolaryngology;
Pediatric Otolaryngology

Pathology

Anatomic Pathology; Blood Banking
Transfusion Medicine; Clinical Pathology;
Dermatopathology; Forensic Pathology;
Hematology (Pathology); Medical
Microbiology; Neuropathology; Chemical
Pathology; Cytopathology; Pediatric
Pathology; Anatomic/Clinical Pathology;
Selective Pathology

Pediatrics Subspecialties

Pediatric Critical Care Medicine;
Pediatrics/Emergency Medicine; Internal
Medicine/Pediatrics; Neonatal-Perinatal
Medicine; Pediatric Allergy; Pediatric
Cardiology; Pediatric Endocrinology;
Pediatric Infectious Disease; Pediatric
Pulmonology; Pediatric Emergency Medicine
(Pediatrics); Pediatric Gastroenterology;
Pediatric Hematology/Oncology; Pediatric
Nephrology; Pediatric Rheumatology; Sports
Medicine (Pediatrics)

Pediatrics (General)

Adolescent Medicine; Pediatrics

Physical Medicine & Rehab

Physical Medicine & Rehabilitation; Spinal
Cord Injury

Plastic Surgery

Cosmetic Surgery; Facial Plastic Surgery;
Plastic Surgery;

Prev Med/Occ Med/Public Hlth

General Preventive Medicine; Occupational
Medicine; Public Health and General
Preventive Medicine

Psychiatry-Adult

Addiction Psychiatry; Internal Medicine
(Psychiatry); Neurodevelopmental
Disabilities (Psychiatry & Neurology);
Psychiatry; Forensic Psychiatry;
Psychoanalysis; Geriatric Psychiatry

Psychiatry-Child & Adolescent

Child & Adolescent Psychiatry

Appendix

Table A-1 (cont.)

Specialty Grouping Details

Report Specialty Grouping

Pulmonary Disease

Radiology

Rheumatology

Surgery (General)

Thoracic Surgery

Urology

American Medical Association Specialty

Pulmonary Critical Care Medicine;
Pulmonary Disease

Abdominal Radiology; Diagnostic Radiology;
Musculoskeletal Radiology; Nuclear
Medicine; Nuclear Radiology; Pediatric
Radiology; Radiology; Neuroradiology;
Radiation Oncology; Vascular &
Interventional Radiology

Rheumatology

General Surgery

Thoracic Surgery

Urology; Pediatric Urology

Appendix

Table A-2

Consolidated Specialty Grouping Details

Consolidated Specialty Group	Report Specialty Grouping
Primary Care	Family Medicine; Internal Medicine (General); Pediatrics (General)
Ob/Gyn	Obstetrics & Gynecology; Gynecology (Only)
IM Specialties	Cardiology; Endocrinology & Metabolism; Gastroenterology; Geriatrics; Infectious Disease; Medical Oncology; Nephrology; Pulmonary Disease; Rheumatology; Other Internal Medicine
Surgery (General)	Surgery (General)
Surgical Specialties	Neurosurgery; Ophthalmology; Orthopedics; Other Surgery Specialties; Otolaryngology, Plastic Surgery; Thoracic Surgery; Urology
Facility Based	Anesthesiology; Pathology; Radiology
Psychiatrists	Psychiatry – Adult; Psychiatry – Child & Adolescent
Other	Allergy & Immunology; Dermatology; Emergency Medicine; Neurology; Pediatrics Subspecialties; Physical Medicine & Rehab; Prev Med/Occ Med/ Public Hlth; Other

Primary Care: In this report, there were two definitions of primary care employed. For the majority of the references to primary care, the specialty groupings that make up primary care were Family Practice, Internal Medicine, and Pediatrics. However, in Table 6 of the Overview, primary care included Obstetrics and Gynecology as well. The inclusion of Obstetrics and Gynecology was necessary to match the federal definition of primary care used in that table.

Health Professional Shortage Areas: A Health Professional Shortage Area (HPSA) is a geographic area, a population group, or a facility determined by the U.S. Department of Health and Human Services, Division of Shortage Designation (DSD) to have a shortage of health professionals. A HPSA may be designated for a shortage of:

- Primary Care Providers
- Dentists
- Mental Health Providers

For the purposes of this report, the most important type of HPSA was the Primary Care HPSA. The three sub-types of Primary Care HPSAs are:

A) Geographic: designation of one or more counties or a sub-county area having a shortage of primary care providers. In a geographic HPSA, the entire residential civilian population is considered.

There are three criteria for designating a geographic areas as a primary care HPSA:

- 1) The area must be rational for the delivery of health services. The area may be: a county or groups of counties; or a portion of a county or counties, identified by census tracts for urban areas or minor civil divisions, such as cities or townships, for rural areas.
- 2) Primary care services in contiguous areas are overutilized, excessively distant or otherwise inaccessible to the population of the proposed HPSA.
- 3) The population-to-provider ratio demonstrates a shortage of primary care providers. The ratio must be at least:
 - 3,500:1; or
 - 3,000:1 with documentation of high need indicators (e.g., high birth rate, high poverty rate, high infant mortality rate) or documentation of insufficient capacity of the existing primary care providers to meet the needs of the area.

Appendix

B) Special Population: designation of a special population residing in a geographic area with limited access to primary care providers. Special populations include: Medicaid eligibles; low-income populations; migrant and seasonal farm workers; homeless; Native Americans; Alaska Natives; and other populations isolated by linguistic and/or cultural barriers or handicaps.

There are three criteria for designating a special population as a primary care HPSA:

- 1) The area must be rational for the delivery of health services. The area may be: a county or groups of counties; or a portion of a county or counties, identified by census tracts for urban areas or minor civil divisions, such as cities or townships, for rural areas.
- 2) Primary care services in contiguous areas are inaccessible to the population in the proposed HPSA because they are overutilized, excessively distant, or otherwise inaccessible due to demographic, cultural, linguistic, or physical barriers.
- 3) The special population-to-provider ratio demonstrates a shortage of primary care providers. The ration must be at least 3,000:1.

C) Facility: designation of

- 1) a correctional facility can be designated as a HPSA if it:
 - a) is a medium or maximum state or federal correctional facility or youth detention facility;
 - b) has at least 250 internees; and
 - c) has a shortage of primary care providers indicated by an internee-to-primary care provider ratio of at least 1,000:1; or
- 2) a public or not-for-profit medical facility can be designated as a HPSA if it:
 - a) provides primary care medical services to an area or population group designated as a HPSA; and
 - b) has insufficient capacity to meet the primary care needs of that area or population group.

The requirements for dental and mental health HPSAs are comparable, but consider different providers and use different qualifying ratios.

D) Benefits of HPSA Designation: The purpose of a HPSA designation is to improve access to health care where there is insufficient provider capacity. Most of the programs requiring HPSA designation provide recruitment assistance and financial incentives to providers practicing in HPSAs. Some of the federal programs that require HPSA designation include:

National Health Service Corps Scholarship and Loan Repayment Programs provide scholarships and loan repayment to health care providers (primary care practitioners, mental health providers, and dentists) in return for practice in HPSAs.

J-1 Visa Waiver Programs waive the home residence requirement of the J-1 visa for physicians in return for practice in HPSAs.

Medicare Incentive Payments provide a 10% enhanced payment for Medicare reimbursable physician services provided in geographic primary care HPSAs (funded by the Health Care Financing Administration - HCFA).

For more information on HPSAs and designation procedures, please visit the Bureau of Health Professions' shortage designation website: <http://bhpr.hrsa.gov/shortage/>

Appendix

Regional Components: The regions used in this report consisted of the following counties:

Table A-3

Regional Components

Region Name	County Components
Ann Arbor Area	Livingston, Washtenaw
Detroit Area	Macomb, Oakland, St. Clair, Wayne
East Central	Arenac, Clare, Gladwin, Iosco, Ogemaw, Roscommon
Flint Area	Genesee, Shiawassee
Grand Rapids-Muskegon	Allegan, Kent, Muskegon, Oceana, Ottawa
Jackson Area	Hillsdale, Jackson, Lenawee, Monroe
Kalamazoo-Battle Creek	Barry, Branch, Calhoun, Kalamazoo, St. Joseph
Lansing Area	Clinton, Eaton, Ingham
Northeast	Alcona, Alpena, Cheboygan, Crawford, Montmorency, Oscoda, Ostego, Presque Isle
Northwest	Antrim, Benzie, Charlevoix, Emmet, Grand Traverse, Kalkaska, Leelanau, Manistee, Missaukee, Wexford
Saginaw-Thumb	Bay, Huron, Lapeer, Midland, Saginaw, Sanilac, Tuscola
Southwest Michigan	Berrien, Cass, Van Buren
Upper Peninsula	Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, Schoolcraft
West Central	Gratiot, Ionia, Isabella, Lake, Mason, Mecosta, Montcalm, Newaygo, Osceola