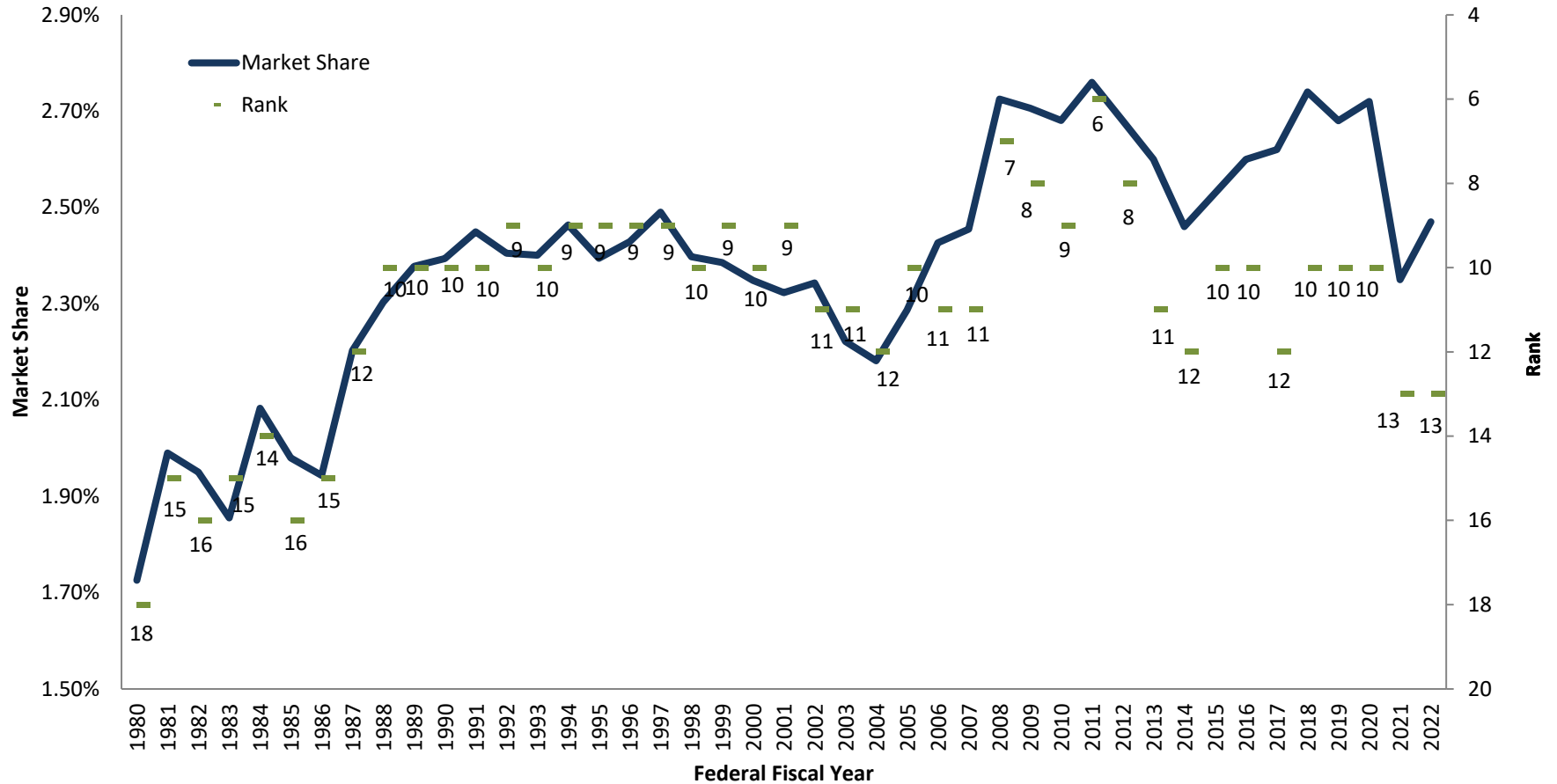


University of Michigan Medical School NIH Award Rank & Market Share (Federal Fiscal Years 1980 - 2022)



NIH Funding Federal Fiscal Year 2022 Award Dollars and Count of Awards to Top 15 Medical Schools

RANKING	INSTITUTION	FUNDING AMOUNTS	FUNDED GRANTS
1	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	\$751,039,395	1205
2	STANFORD UNIVERSITY	\$584,073,475	950
3	WASHINGTON UNIVERSITY	\$569,371,884	942
4	JOHNS HOPKINS UNIVERSITY	\$566,960,342	935
5	UNIVERSITY OF PENNSYLVANIA	\$551,423,454	1019
6	UNIVERSITY OF PITTSBURGH AT PITTSBURGH	\$550,376,628	943
7	YALE UNIVERSITY	\$549,789,295	973
8	COLUMBIA UNIVERSITY	\$530,001,166	835
9	DUKE UNIVERSITY	\$527,236,178	715
10	UNIVERSITY OF CALIFORNIA LOS ANGELES	\$511,871,014	633
11	UNIVERSITY OF CALIFORNIA SAN DIEGO	\$475,163,885	720
12	EMORY UNIVERSITY	\$465,030,006	582
13	UNIVERSITY OF MICHIGAN	\$436,183,172	905
14	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	\$425,610,377	657
15	NORTHWESTERN UNIVERSITY AT CHICAGO	\$384,326,724	649

We encourage Chairs and CDAs to visit MStat to view NIH rankings at the department level:

[Access MStat Here](#)

Category: Research Submissions and Awards

Topic: Reports from NIH Published Data

NOTES:

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Dollar values and award counts exclude contracts

NIH Funding Federal Fiscal Year 2022

Ranked Specialties as a Percent of Total Available to Medical Schools

	<u>RANKING</u>		<u>FUNDING AMOUNTS</u>			<u>FUNDED GRANTS</u>		
	U of M	Total Ranked	U of M	Total Available	Market Share	U of M	Total Awarded	Market Share
<u>Basic Science Departments</u>								
Biological Chemistry	33	94	\$9,022,640	\$807,033,068	1.12%	27	1,485	1.82%
Biomedical Engineering - MS	3	17	\$14,475,350	\$122,763,448	11.79%	33	252	13.10%
Biostatistics & Other Math Sciences*	6	17	\$6,365,236	\$89,643,065	7.10%	16	204	7.84%
Cell and Developmental Biology	12	77	\$13,249,887	\$530,639,403	2.50%	35	1,141	3.07%
Human Genetics	27	44	\$7,892,706	\$679,826,054	1.16%	22	1,076	2.04%
Microbiology & Immunology	9	96	\$19,383,478	\$805,568,347	2.41%	41	1,602	2.56%
Pharmacology	17	89	\$13,171,801	\$734,400,552	1.79%	29	1,265	2.29%
Physiology	2	81	\$24,074,667	\$504,467,021	4.77%	78	1,122	6.95%
Veterinary Sciences	6	8	\$753,786	\$30,956,225	2.44%	1	45	2.22%
<u>Clinical Departments</u>								
Anesthesiology	1	53	\$22,365,701	\$224,476,252	9.96%	24	436	5.50%
Dermatology	10	35	\$4,601,380	\$106,317,109	4.33%	11	233	4.72%
Emergency Medicine	2	39	\$15,890,203	\$96,318,197	16.50%	13	141	9.22%
Family Medicine	15	48	\$1,620,188	\$108,362,465	1.50%	4	180	2.22%
Internal Medicine	18	113	\$103,458,388	\$4,866,661,214	2.13%	207	7,062	2.93%
Neurology	14	80	\$19,985,539	\$958,876,391	2.08%	35	1,325	2.64%
Neurosurgery	17	50	\$4,378,153	\$219,610,415	1.99%	9	409	2.20%
Obstetrics/Gynecology	22	65	\$3,567,038	\$216,809,372	1.65%	10	434	2.30%
Ophthalmology	9	63	\$9,815,930	\$309,995,062	3.17%	23	673	3.42%
Orthopedics	13	47	\$2,868,532	\$108,978,964	2.63%	6	278	2.16%
Otolaryngology	12	45	\$4,652,018	\$147,251,825	3.16%	14	304	4.61%
Pathology	8	86	\$23,457,072	\$752,006,321	3.12%	51	1,374	3.71%
Pediatrics	17	86	\$22,286,051	\$1,058,759,838	2.10%	44	1,709	2.57%
Physical Medicine and Rehab	7	30	\$3,044,832	\$61,364,355	4.96%	7	124	5.65%
Psychiatry	12	87	\$30,530,651	\$1,124,806,916	2.71%	54	1,780	3.03%
Radiation-Diagnostic/Oncology**	10	71	\$16,140,459	\$558,752,489	2.89%	35	1,052	3.33%
Surgery	2	75	\$28,593,123	\$479,693,784	5.96%	55	871	6.31%
Urology	1	31	\$8,447,100	\$68,232,143	12.38%	17	139	12.23%
Dollars Unranked (DLHS, etc.)			\$2,091,263	\$1,865,208,466	0.11%	4	2,169	0.18%
Total	13	141	\$436,183,172	\$17,667,301,871	2.47%	905	28,885	3.13%

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** Radiation-Diagnostic/Oncology is composed of both Radiology and Radiation Oncology

NIH Funding Federal Fiscal Year 2022 Compared to 2021

Ranked Specialties within Medical Schools

	<u>RANKING</u>		<u>FUNDING AMOUNTS</u>		<u>PERCENT</u>
	<u>FFY2021</u>	<u>FFY2022</u>	<u>FFY2021</u>	<u>FFY2022</u>	<u>INCREASE/DECREASE</u>
					<u>OF FUNDED DOLLARS</u>
<u>Basic Science Departments</u>					
Biological Chemistry	30	33	\$8,375,875	\$9,022,640	7.72%
Biomedical Engineering - MS	3	3	\$6,280,640	\$14,475,350	130.48%
Biostatistics & Other Math Sciences*	5	6	\$5,978,959	\$6,365,236	6.46%
Cell & Dev Biology	10	12	\$12,629,440	\$13,249,887	4.91%
Human Genetics	29	27	\$7,593,472	\$7,892,706	3.94%
Microbiology & Immunology	10	9	\$18,762,887	\$19,383,478	3.31%
Pharmacology	15	17	\$13,088,460	\$13,171,801	0.64%
Physiology	2	2	\$20,928,979	\$24,074,667	15.03%
Veterinary Sciences	N/A	6	\$0	\$753,786	N/A
<u>Clinical Departments</u>					
Anesthesiology	1	1	\$21,882,143	\$22,365,701	2.21%
Dermatology	12	10	\$4,364,680	\$4,601,380	5.42%
Emergency Medicine	2	2	\$11,235,917	\$15,890,203	41.42%
Family Medicine	13	15	\$2,574,525	\$1,620,188	-37.07%
Internal Medicine	19	18	\$95,940,414	\$103,458,388	7.84%
Neurology	16	14	\$20,914,649	\$19,985,539	-4.44%
Neurosurgery	17	17	\$4,095,493	\$4,378,153	6.90%
Obstetrics & Gynecology	15	22	\$5,168,341	\$3,567,038	-30.98%
Ophthalmology	10	9	\$8,349,479	\$9,815,930	17.56%
Orthopedics	13	13	\$2,807,274	\$2,868,532	2.18%
Otolaryngology	13	12	\$4,921,726	\$4,652,018	-5.48%
Pathology	9	8	\$24,209,751	\$23,457,072	-3.11%
Pediatrics	17	17	\$18,857,231	\$22,286,051	18.18%
Phys Med & Rehab	5	7	\$3,151,503	\$3,044,832	-3.38%
Psychiatry	12	12	\$25,906,061	\$30,530,651	17.85%
Radiation-Diagnostic/Oncology**	10	10	\$18,188,311	\$16,140,459	-11.26%
Surgery	3	2	\$25,503,855	\$28,593,123	12.11%
Urology	1	1	\$7,245,192	\$8,447,100	16.59%
Specialties Unranked (DLHS, etc.)			\$2,772,428	\$2,091,263	-24.57%
Total	13	13	\$401,727,685	\$436,183,172	8.58%

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NIH Funding - Federal Fiscal Year 2022 Compared to 2021

	<u>RANKING</u>		<u>FUNDING AMOUNTS</u>			<u>FUNDED GRANTS</u>		
	2021 Rank	2022 Rank	2021 Amount Funded	2022 Amount Funded	% Increase/Decrease	2021 # of Grants	2022 # of Grants	% Increase/Decrease
<u>Basic Science Departments</u>								
Biological Chemistry	30	33	\$8,375,875	\$9,022,640	7.72%	23	27	17.39%
Biomedical Engineering - MS	3	3	\$6,280,640	\$14,475,350	130.48%	14	33	135.71%
Biostatistics & Other Math Sciences*	5	6	\$5,978,959	\$6,365,236	6.46%	16	16	0.00%
Cell and Developmental Biology	10	12	\$12,629,440	\$13,249,887	4.91%	33	35	6.06%
Human Genetics	29	27	\$7,593,472	\$7,892,706	3.94%	22	22	0.00%
Microbiology & Immunology	10	9	\$18,762,887	\$19,383,478	3.31%	41	41	0.00%
Pharmacology	15	17	\$13,088,460	\$13,171,801	0.64%	28	29	3.57%
Physiology	2	2	\$20,928,979	\$24,074,667	15.03%	67	78	16.42%
Veterinary Sciences	N/A	6	\$0	\$753,786	N/A	0	1	N/A
<u>Clinical Departments</u>								
Anesthesiology	1	1	\$21,882,143	\$22,365,701	2.21%	25	24	-4.00%
Dermatology	12	10	\$4,364,680	\$4,601,380	5.42%	11	11	0.00%
Emergency Medicine	2	2	\$11,235,917	\$15,890,203	41.42%	9	13	44.44%
Family Medicine	13	15	\$2,574,525	\$1,620,188	-37.07%	7	4	-42.86%
Internal Medicine	19	18	\$95,940,414	\$103,458,388	7.84%	192	207	7.81%
Neurology	16	14	\$20,914,649	\$19,985,539	-4.44%	36	35	-2.78%
Neurosurgery	17	17	\$4,095,493	\$4,378,153	6.90%	9	9	0.00%
Obstetrics/Gynecology	15	22	\$5,168,341	\$3,567,038	-30.98%	11	10	-9.09%
Ophthalmology	10	9	\$8,349,479	\$9,815,930	17.56%	22	23	4.55%
Orthopedics	13	13	\$2,807,274	\$2,868,532	2.18%	8	6	-25.00%
Otolaryngology	13	12	\$4,921,726	\$4,652,018	-5.48%	15	14	-6.67%
Pathology	9	8	\$24,209,751	\$23,457,072	-3.11%	53	51	-3.77%
Pediatrics	17	17	\$18,857,231	\$22,286,051	18.18%	43	44	2.33%
Physical Medicine and Rehab	5	7	\$3,151,503	\$3,044,832	-3.38%	7	7	0.00%
Psychiatry	12	12	\$25,906,061	\$30,530,651	17.85%	47	54	14.89%
Radiation-Diagnostic/Oncology**	10	10	\$18,188,311	\$16,140,459	-11.26%	39	35	-10.26%
Surgery	3	2	\$25,503,855	\$28,593,123	12.11%	47	55	17.02%
Urology	1	1	\$7,245,192	\$8,447,100	16.59%	14	17	21.43%
Dollars Unranked (DLHS, etc.)			\$2,772,428	\$2,091,263	-24.57%	6	4	-33.33%
Total	13	13	\$401,727,685	\$436,183,172	8.58%	845	905	7.10%

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** Radiation-Diagnostic/Oncology is composed of both Radiology and Radiation Oncology

NIH Funding Federal Fiscal Year 2022 Count of Awards by Project Type for Medical School Specialties

	K		F		T		R		P		U	
	U of M	Total Awarded	U of M	Total Awarded	U of M	Total Awarded	U of M	Total Awarded	U of M	Total Awarded	U of M	Total Awarded
Basic Science Departments												
Biological Chemistry	2	41	5	152	0	42	20	1,168	0	23	0	34
Biomedical Engineering - MS	1	10	3	42	1	8	25	108	0	0	3	26
Biostatistics & Other Math Sciences*	0	19	1	41	2	9	12	850	0	23	1	30
Cell and Developmental Biology	1	37	10	158	0	32	23	162	1	3	0	20
Human Genetics	0	41	3	134	1	40	18	739	0	14	0	91
Microbiology & Immunology	0	38	10	135	2	63	27	1,272	0	21	2	48
Pharmacology	0	34	7	134	2	50	18	962	0	27	2	42
Physiology	5	41	19	139	4	45	48	848	0	14	1	22
Veterinary Sciences	0	0	0	0	0	4	0	34	0	2	1	4
Clinical Departments												
Anesthesiology	6	65	1	18	1	15	12	304	0	2	4	30
Dermatology	1	34	0	10	1	9	6	157	1	8	2	14
Emergency Medicine	1	28	2	3	1	4	6	86	0	2	3	18
Family Medicine	1	35	0	0	0	5	3	121	0	6	0	13
Internal Medicine	50	999	9	441	10	375	111	4,269	8	241	19	644
Neurology	5	158	2	104	0	33	25	855	2	43	1	122
Neurosurgery	0	20	1	32	1	6	7	302	0	6	0	41
Obstetrics/Gynecology	4	61	0	13	0	11	6	294	0	9	0	42
Ophthalmology	7	55	0	30	1	26	13	494	1	26	0	35
Orthopedics	1	27	0	16	0	10	4	208	1	9	0	8
Otolaryngology	2	24	2	25	1	15	9	224	0	4	0	11
Pathology	5	84	7	100	2	54	32	1,009	1	26	4	79
Pediatrics	9	299	0	57	2	69	29	1,064	0	34	4	169
Physical Medicine and Rehab	0	24	0	9	0	5	6	75	0	1	1	9
Psychiatry	9	284	1	80	2	73	41	1,182	0	34	1	114
Radiation-Diagnostic/Oncology**	2	61	1	32	0	21	27	828	0	20	5	72
Surgery	4	92	4	39	2	52	40	595	2	18	3	71
Urology	3	17	1	6	2	4	9	94	1	5	1	13
Dollars Unranked (DLHS, etc.)	0	192	0	182	0	75	4	1,468	0	60	0	155
Total	119	2,820	89	2,132	38	1,155	581	19,772	18	681	58	1,977

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** Radiation-Diagnostic/Oncology is composed of both Radiology and Radiation Oncology

NIH Funding Federal Fiscal Year 2022

Count of Awards by Project Type for Medical School Specialties (K, F, and T Series)

	K			F			T		
	U of M	Total Awarded	Market Share	U of M	Total Awarded	Market Share	U of M	Total Awarded	Market Share
Basic Science Departments									
Biological Chemistry	2	41	4.88%	5	152	3.29%	0	42	0.00%
Biomedical Engineering - MS	1	10	10.00%	3	42	7.14%	1	8	12.50%
Biostatistics & Other Math Sciences*	0	19	0.00%	1	41	2.44%	2	9	22.22%
Cell and Developmental Biology	1	37	2.70%	10	158	6.33%	0	32	0.00%
Human Genetics	0	41	0.00%	3	134	2.24%	1	40	2.50%
Microbiology & Immunology	0	38	0.00%	10	135	7.41%	2	63	3.17%
Pharmacology	0	34	0.00%	7	134	5.22%	2	50	4.00%
Physiology	5	41	12.20%	19	139	13.67%	4	45	8.89%
Veterinary Sciences	0	0	0.00%	0	0	0.00%	0	4	0.00%
Clinical Departments									
Anesthesiology	6	65	9.23%	1	18	5.56%	1	15	6.67%
Dermatology	1	34	2.94%	0	10	0.00%	1	9	11.11%
Emergency Medicine	1	28	3.57%	2	3	66.67%	1	4	25.00%
Family Medicine	1	35	2.86%	0	0	0.00%	0	5	0.00%
Internal Medicine	50	999	5.01%	9	441	2.04%	10	375	2.67%
Neurology	5	158	3.16%	2	104	1.92%	0	33	0.00%
Neurosurgery	0	20	0.00%	1	32	3.13%	1	6	16.67%
Obstetrics/Gynecology	4	61	6.56%	0	13	0.00%	0	11	0.00%
Ophthalmology	7	55	12.73%	0	30	0.00%	1	26	3.85%
Orthopedics	1	27	3.70%	0	16	0.00%	0	10	0.00%
Otolaryngology	2	24	8.33%	2	25	8.00%	1	15	6.67%
Pathology	5	84	5.95%	7	100	7.00%	2	54	3.70%
Pediatrics	9	299	3.01%	0	57	0.00%	2	69	2.90%
Physical Medicine and Rehab	0	24	0.00%	0	9	0.00%	0	5	0.00%
Psychiatry	9	284	3.17%	1	80	1.25%	2	73	2.74%
Radiation-Diagnostic/Oncology**	2	61	3.28%	1	32	3.13%	0	21	0.00%
Surgery	4	92	4.35%	4	39	10.26%	2	52	3.85%
Urology	3	17	17.65%	1	6	16.67%	2	4	50.00%
Dollars Unranked (DLHS, etc.)	0	192	0.00%	0	182	0.00%	0	75	0.00%
Total	119	2,820	4.22%	89	2,132	4.17%	38	1,155	3.29%

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NIH Funding Federal Fiscal Year 2022

Count of Awards by Project Type for Medical School Specialties (R, P, and U Series)

	R			P			U		
	U of M	Total Awarded	Market Share	U of M	Total Awarded	Market Share	U of M	Total Awarded	Market Share
Basic Science Departments									
Biological Chemistry	20	1,168	1.71%	0	23	0.00%	0	34	0.00%
Biomedical Engineering - MS	25	162	15.43%	0	3	0.00%	3	20	15.00%
Biostatistics & Other Math Sciences*	12	108	11.11%	0	0	0.00%	1	26	3.85%
Cell and Developmental Biology	23	850	2.71%	1	23	4.35%	0	30	0.00%
Human Genetics	18	739	2.44%	0	14	0.00%	0	91	0.00%
Microbiology & Immunology	27	1,272	2.12%	0	21	0.00%	2	48	4.17%
Pharmacology	18	962	1.87%	0	27	0.00%	2	42	4.76%
Physiology	48	848	5.66%	0	14	0.00%	1	22	4.55%
Veterinary Sciences	0	34	0.00%	0	2	0.00%	1	4	25.00%
Clinical Departments									
Anesthesiology	12	304	3.95%	0	2	0.00%	4	30	13.33%
Dermatology	6	157	3.82%	1	8	12.50%	2	14	14.29%
Emergency Medicine	6	86	6.98%	0	2	0.00%	3	18	16.67%
Family Medicine	3	121	2.48%	0	6	0.00%	0	13	0.00%
Internal Medicine	111	4,269	2.60%	8	241	3.32%	19	644	2.95%
Neurology	25	855	2.92%	2	43	4.65%	1	122	0.82%
Neurosurgery	7	302	2.32%	0	6	0.00%	0	41	0.00%
Obstetrics/Gynecology	6	294	2.04%	0	9	0.00%	0	42	0.00%
Ophthalmology	13	494	2.63%	1	26	3.85%	0	35	0.00%
Orthopedics	4	208	1.92%	1	9	11.11%	0	8	0.00%
Otolaryngology	9	224	4.02%	0	4	0.00%	0	11	0.00%
Pathology	32	1,009	3.17%	1	26	3.85%	4	79	5.06%
Pediatrics	29	1,064	2.73%	0	34	0.00%	4	169	2.37%
Physical Medicine and Rehab	6	75	8.00%	0	1	0.00%	1	9	11.11%
Psychiatry	41	1,182	3.47%	0	34	0.00%	1	114	0.88%
Radiation-Diagnostic/Oncology**	27	828	3.26%	0	20	0.00%	5	72	6.94%
Surgery	40	595	6.72%	2	18	11.11%	3	71	4.23%
Urology	9	94	9.57%	1	5	20.00%	1	13	7.69%
Dollars Unranked (DLHS, etc.)	4	1,468	0.27%	0	60	0.00%	0	155	0.00%
Total	581	19,772	2.94%	18	681	2.64%	58	1,977	2.93%

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