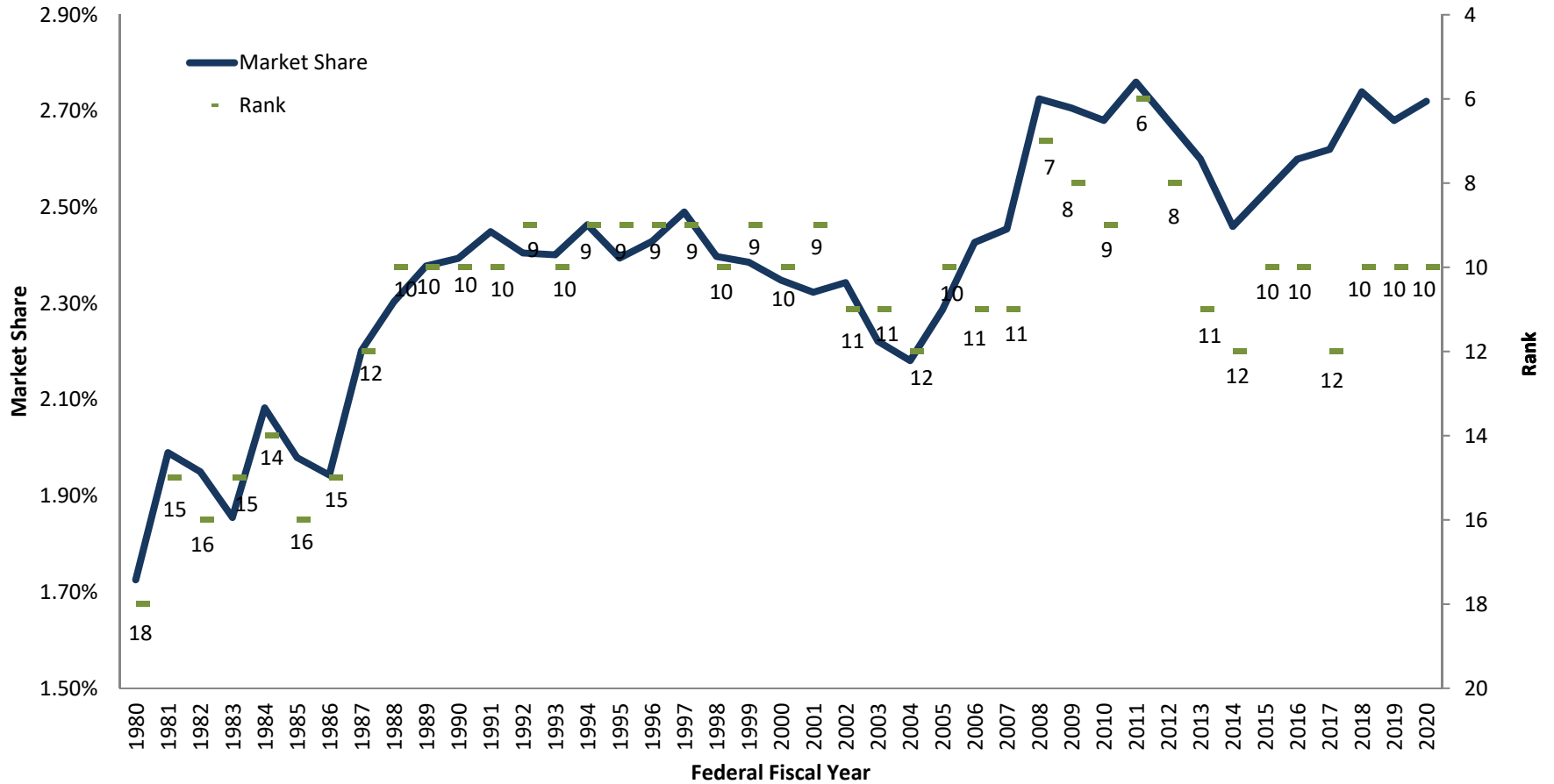


University of Michigan Medical School NIH Award Rank & Market Share (Federal Fiscal Years 1980 - 2020)



NIH Funding Federal Fiscal Year 2020 Award Dollars and Count of Awards to Top 15 Medical Schools

DRAFT RANKING	INSTITUTION	FUNDING AMOUNTS	FUNDED GRANTS
1	University of California - San Francisco	\$601,764,262	1101
2	University of California - Los Angeles	\$601,238,187	631
3	Johns Hopkins University	\$533,502,805	931
4	Yale University	\$511,296,794	921
5	Columbia University	\$495,776,752	801
6	University of Pennsylvania	\$494,238,165	948
7	Washington University	\$487,905,544	880
8	Stanford University	\$486,514,565	894
9	Duke University	\$465,334,420	668
10	University of Michigan	\$443,438,740	868
11	University of Pittsburgh at Pittsburgh	\$443,239,861	849
12	University of California San Diego	\$405,067,791	711
13	Emory University	\$394,900,315	569
14	Icahn School of Medicine at Mt Sinai	\$375,619,531	625
15	Northwestern University at Chicago	\$356,724,304	584

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

Report: Grant Award NIH Ranking

NOTES:

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Dollar values and award counts exclude contracts

NIH Funding Federal Fiscal Year 2020

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	30	94	\$7,613,449	\$609,787,267	1.25%	21	1,461	1.44%
Biostatistics & Other Math Sciences*	4	18	\$8,450,225	\$108,780,336	7.77%	20	184	10.87%
Cell and Developmental Biology	3	78	\$19,335,959	\$487,235,393	3.97%	35	1,144	3.06%
Engineering (All Types)	3	5	\$7,045,904	\$30,094,096	23.41%	14	44	31.82%
Human Genetics	28	43	\$6,611,217	\$644,480,557	1.03%	20	1,026	1.95%
Microbiology & Immunology	12	97	\$19,051,218	\$806,779,838	2.36%	38	1,674	2.27%
Pharmacology	11	87	\$13,823,949	\$609,301,066	2.27%	32	1,287	2.49%
Physiology	1	76	\$23,675,463	\$468,807,727	5.05%	72	1,088	6.62%
Veterinary Sciences	6	6	\$231,114	\$29,002,154	0.80%	1	47	2.13%
<u>Clinical Departments</u>								
Anesthesiology	1	51	\$21,454,704	\$194,263,902	11.04%	23	399	5.76%
Dermatology	8	36	\$4,333,068	\$90,270,497	4.80%	11	216	5.09%
Emergency Medicine	1	35	\$20,922,383	\$89,079,583	23.49%	14	127	11.02%
Family Medicine	14	46	\$2,062,069	\$92,610,168	2.23%	7	182	3.85%
Internal Medicine	15	116	\$107,060,328	\$4,721,927,557	2.27%	201	6,741	2.98%
Neurology	9	76	\$29,204,827	\$909,374,856	3.21%	38	1,263	3.01%
Neurosurgery	11	50	\$4,483,876	\$161,871,151	2.77%	9	355	2.54%
Obstetrics/Gynecology	17	67	\$3,818,394	\$192,229,323	1.99%	9	411	2.19%
Ophthalmology	5	67	\$9,618,283	\$292,132,627	3.29%	24	668	3.59%
Orthopedics	11	47	\$3,336,700	\$99,013,864	3.37%	10	269	3.72%
Otolaryngology	11	45	\$4,965,702	\$135,550,213	3.66%	14	276	5.07%
Pathology	9	84	\$26,472,281	\$706,083,910	3.75%	56	1,340	4.18%
Pediatrics	20	89	\$17,328,995	\$957,882,325	1.81%	47	1,611	2.92%
Physical Medicine and Rehab	7	26	\$1,943,518	\$44,378,581	4.38%	4	99	4.04%
Psychiatry	9	87	\$32,349,888	\$1,008,051,555	3.21%	52	1,693	3.07%
Radiation-Diagnostic/Oncology**	8	67	\$15,911,208	\$494,027,389	3.22%	34	945	3.60%
Surgery	1	75	\$25,604,626	\$430,801,832	5.94%	48	803	5.98%
Urology	2	34	\$5,461,058	\$53,883,430	10.13%	11	135	8.15%
Dollars Unranked (DLHS, etc.)			\$1,268,334	\$1,851,949,091	0.07%	3	2,382	0.13%
Total	10	138	\$443,438,740	\$16,319,650,288	2.72%	868	27,870	3.11%

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

NIH Funding Federal Fiscal Year 2020 Compared to 2019

Ranked Specialties within Medical Schools

	<u>RANKING</u>		<u>FUNDING AMOUNTS</u>		<u>PERCENT</u>
	<u>FFY2019</u>	<u>FFY2020</u>	<u>FFY2019</u>	<u>FFY2020</u>	<u>INCREASE/DECREASE</u>
					<u>OF FUNDED DOLLARS</u>
<u>Basic Science Departments</u>					
Biological Chemistry	21	30	\$9,903,693	\$7,613,449	-23.13%
Biostatistics & Other Math Sciences*	4	4	\$5,459,544	\$8,450,225	54.78%
Cell & Dev Biology	3	3	\$16,480,622	\$19,335,959	17.33%
Engineering (All Types)	2	3	\$2,763,809	\$7,045,904	154.93%
Human Genetics	27	28	\$8,052,873	\$6,611,217	-17.90%
Microbiology & Immunology	9	12	\$17,802,026	\$19,051,218	7.02%
Pharmacology	22	11	\$10,002,483	\$13,823,949	38.21%
Physiology	2	1	\$22,293,124	\$23,675,463	6.20%
Veterinary Sciences	6	6	\$206,252	\$231,114	12.05%
<u>Clinical Departments</u>					
Anesthesiology	1	1	\$24,988,159	\$21,454,704	-14.14%
Dermatology	7	8	\$4,448,565	\$4,333,068	-2.60%
Emergency Medicine	1	1	\$11,787,904	\$20,922,383	77.49%
Family Medicine	13	14	\$1,967,514	\$2,062,069	4.81%
Internal Medicine	17	15	\$92,002,263	\$107,060,328	16.37%
Neurology	13	9	\$19,013,556	\$29,204,827	53.60%
Neurosurgery	12	11	\$4,591,179	\$4,483,876	-2.34%
Obstetrics & Gynecology	14	17	\$4,190,482	\$3,818,394	-8.88%
Ophthalmology	15	5	\$7,209,180	\$9,618,283	33.42%
Orthopedics	9	11	\$3,322,113	\$3,336,700	0.44%
Otolaryngology	8	11	\$5,049,206	\$4,965,702	-1.65%
Pathology	5	9	\$29,657,632	\$26,472,281	-10.74%
Pediatrics	22	20	\$15,170,439	\$17,328,995	14.23%
Phys Med & Rehab	9	7	\$1,511,725	\$1,943,518	28.56%
Psychiatry	13	9	\$30,193,095	\$32,349,888	7.14%
Radiation-Diagnostic/Oncology**	8	8	\$17,507,314	\$15,911,208	-9.12%
Surgery	1	1	\$26,145,958	\$25,604,626	-2.07%
Urology	3	2	\$4,980,127	\$5,461,058	9.66%
Specialties Unranked (DLHS, etc.)			\$1,499,055	\$1,268,334	-15.39%
Total	10	10	\$398,199,892	\$443,438,740	11.36%

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NIH Funding - Federal Fiscal Year 2020 Compared to 2019

	<u>RANKING</u>		<u>FUNDING AMOUNTS</u>			<u>FUNDED GRANTS</u>		
	2019 Rank	2020 Rank	2019 Amount Funded	2020 Amount Funded	% Increase/Decrease	2019 # of Grants	2020 # of Grants	% Increase/Decrease
<u>Basic Science Departments</u>								
Biological Chemistry	21	30	\$9,903,693	\$7,613,449	-23.13%	22	21	-4.55%
Biostatistics & Other Math Sciences*	4	4	\$5,459,544	\$8,450,225	54.78%	16	20	25.00%
Cell and Developmental Biology	3	3	\$16,480,622	\$19,335,959	17.33%	37	35	-5.41%
Engineering (All Types)	2	3	\$2,763,809	\$7,045,904	154.93%	8	14	75.00%
Human Genetics	27	28	\$8,052,873	\$6,611,217	-17.90%	20	20	0.00%
Microbiology & Immunology	9	12	\$17,802,026	\$19,051,218	7.02%	37	38	2.70%
Pharmacology	22	11	\$10,002,483	\$13,823,949	38.21%	28	32	14.29%
Physiology	2	1	\$22,293,124	\$23,675,463	6.20%	70	72	2.86%
Veterinary Sciences	6	6	\$206,252	\$231,114	12.05%	1	1	0.00%
<u>Clinical Departments</u>								
Anesthesiology	1	1	\$24,988,159	\$21,454,704	-14.14%	20	23	15.00%
Dermatology	7	8	\$4,448,565	\$4,333,068	-2.60%	12	11	-8.33%
Emergency Medicine	1	1	\$11,787,904	\$20,922,383	77.49%	14	14	0.00%
Family Medicine	13	14	\$1,967,514	\$2,062,069	4.81%	5	7	40.00%
Internal Medicine	17	15	\$92,002,263	\$107,060,328	16.37%	195	201	3.08%
Neurology	13	9	\$19,013,556	\$29,204,827	53.60%	41	38	-7.32%
Neurosurgery	12	11	\$4,591,179	\$4,483,876	-2.34%	11	9	-18.18%
Obstetrics/Gynecology	14	17	\$4,190,482	\$3,818,394	-8.88%	8	9	12.50%
Ophthalmology	15	5	\$7,209,180	\$9,618,283	33.42%	21	24	14.29%
Orthopedics	9	11	\$3,322,113	\$3,336,700	0.44%	9	10	11.11%
Otolaryngology	8	11	\$5,049,206	\$4,965,702	-1.65%	17	14	-17.65%
Pathology	5	9	\$29,657,632	\$26,472,281	-10.74%	60	56	-6.67%
Pediatrics	22	20	\$15,170,439	\$17,328,995	14.23%	46	47	2.17%
Physical Medicine and Rehab	9	7	\$1,511,725	\$1,943,518	28.56%	3	4	33.33%
Psychiatry	13	9	\$30,193,095	\$32,349,888	7.14%	57	52	-8.77%
Radiation-Diagnostic/Oncology**	8	8	\$17,507,314	\$15,911,208	-9.12%	38	34	-10.53%
Surgery	1	1	\$26,145,958	\$25,604,626	-2.07%	49	48	-2.04%
Urology	3	2	\$4,980,127	\$5,461,058	9.66%	10	11	10.00%
Dollars Unranked (DLHS, etc.)			\$1,499,055	\$1,268,334	-15.39%	4	3	-25.00%
Total	10	10	\$398,199,892	\$443,438,740	11.36%	859	868	1.05%

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

NIH Funding Federal Fiscal Year 2020 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	0	33	1	182	1	48	19	1,116	0	26	0	33
Biostatistics & Other Math Sciences*	1	13	2	11	2	10	13	121	0	0	1	26
Cell and Developmental Biology	0	31	8	155	1	33	25	863	1	23	0	30
Engineering (All Types)	1	1	2	9	0	0	8	863	0	23	1	30
Human Genetics	0	35	5	125	1	37	14	720	0	16	0	75
Microbiology & Immunology	1	35	1	146	2	67	33	1,338	0	25	1	44
Pharmacology	1	38	3	142	3	52	23	966	0	26	2	50
Physiology	3	34	21	141	4	44	41	813	1	20	2	27
Veterinary Sciences	0	3	0	0	0	4	0	0	0	0	1	0
Clinical Departments												
Anesthesiology	4	56	2	12	1	15	10	289	1	4	5	21
Dermatology	1	31	0	12	1	8	7	141	1	9	1	15
Emergency Medicine	4	29	0	1	0	3	6	74	0	0	4	19
Family Medicine	4	32	0	1	0	7	3	125	0	5	0	11
Internal Medicine	44	936	11	426	12	382	104	4,061	8	234	22	630
Neurology	5	151	4	79	1	31	22	810	1	43	5	136
Neurosurgery	0	22	0	27	1	6	8	270	0	7	0	23
Obstetrics/Gynecology	2	53	0	12	0	13	7	281	0	6	0	40
Ophthalmology	6	55	0	32	1	24	16	502	1	25	0	24
Orthopedics	1	21	0	18	0	9	8	209	1	7	0	4
Otolaryngology	1	25	2	17	2	16	9	208	0	3	0	7
Pathology	2	70	2	107	2	54	45	985	1	35	4	76
Pediatrics	10	295	2	66	1	70	31	973	0	31	3	163
Physical Medicine and Rehab	0	15	0	3	0	4	3	68	0	1	1	5
Psychiatry	12	247	1	86	1	72	35	1,139	0	34	3	109
Radiation-Diagnostic/Oncology**	1	45	1	35	0	23	26	741	0	18	6	65
Surgery	4	69	5	36	2	57	31	550	2	17	4	73
Urology	2	16	1	10	1	4	5	84	1	4	1	17
Dollars Unranked (DLHS, etc.)	0	177	0	259	0	79	2	1,603	0	61	0	172
Total	110	2,568	74	2,150	40	1,172	554	19,913	19	703	67	1,925

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

NIH Funding Federal Fiscal Year 2020

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	0	33	0.00%	1	182	0.55%	1	48	2.08%
Biostatistics & Other Math Sciences*	1	13	7.69%	2	11	18.18%	2	10	20.00%
Cell and Developmental Biology	0	31	0.00%	8	155	5.16%	1	33	3.03%
Engineering (All Types)	1	1	100.00%	2	9	22.22%	0	0	0.00%
Human Genetics	0	35	0.00%	5	125	4.00%	1	37	2.70%
Microbiology & Immunology	1	35	2.86%	1	146	0.68%	2	67	2.99%
Pharmacology	1	38	2.63%	3	142	2.11%	3	52	5.77%
Physiology	3	34	8.82%	21	141	14.89%	4	44	9.09%
Veterinary Sciences	0	3	0.00%	0	0	0.00%	0	4	0.00%
Clinical Departments									
Anesthesiology	4	56	7.14%	2	12	16.67%	1	15	6.67%
Dermatology	1	31	3.23%	0	12	0.00%	1	8	12.50%
Emergency Medicine	4	29	13.79%	0	1	0.00%	0	3	0.00%
Family Medicine	4	32	12.50%	0	1	0.00%	0	7	0.00%
Internal Medicine	44	936	4.70%	11	426	2.58%	12	382	3.14%
Neurology	5	151	3.31%	4	79	5.06%	1	31	3.23%
Neurosurgery	0	22	0.00%	0	27	0.00%	1	6	16.67%
Obstetrics/Gynecology	2	53	3.77%	0	12	0.00%	0	13	0.00%
Ophthalmology	6	55	10.91%	0	32	0.00%	1	24	4.17%
Orthopedics	1	21	4.76%	0	18	0.00%	0	9	0.00%
Otolaryngology	1	25	4.00%	2	17	11.76%	2	16	12.50%
Pathology	2	70	2.86%	2	107	1.87%	2	54	3.70%
Pediatrics	10	295	3.39%	2	66	3.03%	1	70	1.43%
Physical Medicine and Rehab	0	15	0.00%	0	3	0.00%	0	4	0.00%
Psychiatry	12	247	4.86%	1	86	1.16%	1	72	1.39%
Radiation-Diagnostic/Oncology**	1	45	2.22%	1	35	2.86%	0	23	0.00%
Surgery	4	69	5.80%	5	36	13.89%	2	57	3.51%
Urology	2	16	12.50%	1	10	10.00%	1	4	25.00%
Dollars Unranked (DLHS, etc.)	0	177	0.00%	0	259	0.00%	0	79	0.00%
Total	110	2,568	4.28%	74	2,150	3.44%	40	1,172	3.41%

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NIH Funding Federal Fiscal Year 2020

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	19	1,116	1.70%	0	26	0.00%	0	33	0.00%
Biostatistics & Other Math Sciences*	13	121	10.74%	0	0	0.00%	1	26	3.85%
Cell and Developmental Biology	25	863	2.90%	1	23	4.35%	0	30	0.00%
Engineering (All Types)	8	28	28.57%	0	1	0.00%	1	2	50.00%
Human Genetics	14	720	1.94%	0	16	0.00%	0	75	0.00%
Microbiology & Immunology	33	1,338	2.47%	0	25	0.00%	1	44	2.27%
Pharmacology	23	966	2.38%	0	26	0.00%	2	50	4.00%
Physiology	41	813	5.04%	1	20	5.00%	2	27	7.41%
Veterinary Sciences	0	33	0.00%	0	4	0.00%	1	3	33.33%
Clinical Departments									
Anesthesiology	10	289	3.46%	1	4	25.00%	5	21	23.81%
Dermatology	7	141	4.96%	1	9	11.11%	1	15	6.67%
Emergency Medicine	6	74	8.11%	0	0	0.00%	4	19	21.05%
Family Medicine	3	125	2.40%	0	5	0.00%	0	11	0.00%
Internal Medicine	104	4,061	2.56%	8	234	3.42%	22	630	3.49%
Neurology	22	810	2.72%	1	43	2.33%	5	136	3.68%
Neurosurgery	8	270	2.96%	0	7	0.00%	0	23	0.00%
Obstetrics/Gynecology	7	281	2.49%	0	6	0.00%	0	40	0.00%
Ophthalmology	16	502	3.19%	1	25	4.00%	0	24	0.00%
Orthopedics	8	209	3.83%	1	7	14.29%	0	4	0.00%
Otolaryngology	9	208	4.33%	0	3	0.00%	0	7	0.00%
Pathology	45	985	4.57%	1	35	2.86%	4	76	5.26%
Pediatrics	31	973	3.19%	0	31	0.00%	3	163	1.84%
Physical Medicine and Rehab	3	68	4.41%	0	1	0.00%	1	5	20.00%
Psychiatry	35	1,139	3.07%	0	34	0.00%	3	109	2.75%
Radiation-Diagnostic/Oncology**	26	741	3.51%	0	18	0.00%	6	65	9.23%
Surgery	31	550	5.64%	2	17	11.76%	4	73	5.48%
Urology	5	84	5.95%	1	4	25.00%	1	17	5.88%
Dollars Unranked (DLHS, etc.)	2	1,603	0.12%	0	61	0.00%	0	172	0.00%
Total	554	19,111	2.90%	19	685	2.77%	67	1,900	3.53%

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