

# Advance Data Tables

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## 2018 Main Residency Match<sup>®</sup>

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**This Information is Embargoed Until 1:00PM EDT March 16, 2018**

## Definitions

ACGME	Accreditation Council for Graduate Medical Education.
Active Applicant	An active applicant is one who submits a certified rank order list of programs.
All In Policy	Beginning with the 2013 Main Residency Match, any program registering for the Match must attempt to fill all positions through the Match or another national matching plan.
Applicant Type	<p>The NRMP classifies applicants for the Main Residency Match into seven types:</p> <ul style="list-style-type: none"><li>• <i>Senior of U.S. Allopathic Medical School (U.S. Senior)</i>: A fourth-year medical student in a U.S. allopathic school of medicine accredited by the Liaison Committee on Medical Education (LCME) with a graduation date after July 1 in the year before the Match. U.S. seniors are sponsored by their medical schools.</li><li>• <i>Previous Graduate of U.S. Allopathic Medical School (U.S. Grad)</i>: A graduate of a U.S. allopathic school of medicine accredited by the LCME with a graduation date before July 1 in the year before the Match. Previous U.S. graduates are not sponsored by the medical school.</li><li>• <i>Student/Graduate of Canadian Medical School (Canadian)</i>: A senior student or graduate of a Canadian school of medicine accredited by the Committee on Accreditation of Canadian Medical Schools (CACMS).</li><li>• <i>Student/Graduate of Osteopathic Medical School (Osteo)</i>: A senior student or graduate of a medical school accredited by the Commission on Osteopathic College Accreditation (COCA).</li><li>• <i>Graduate of Fifth Pathway Program (5th Pathway)</i>: A graduate of a U.S. Fifth Pathway program.</li><li>• <i>U.S. Citizen Student/Graduate of International Medical School (U.S. IMG)</i>: A U.S. citizen who attended an international medical school.</li><li>• <i>Non-U.S. Citizen Student/Graduate of International Medical School (Non-U.S. IMG)</i>: A non-U.S. citizen who attended an international medical school.</li></ul> <p>In this report, applicant types are sometimes combined into a smaller number of groups.</p> <ul style="list-style-type: none"><li>• <i>Foreign-Trained Physicians</i>: U.S. citizen and non-U.S. citizen students and graduates of international medical schools.</li><li>• <i>Independent Applicants (IA)</i>: All applicant categories excluding U.S. allopathic seniors.</li><li>• <i>Others</i>: Includes previous U.S. graduates and Canadian, Osteopathic, and Fifth Pathway applicants.</li></ul>
Couple	Any two applicants can register as a couple in the Match. The NRMP allows couples to form pairs of choices on their primary rank order lists, which are considered in rank order when the matching algorithm is processed. The couple will match to the most preferred pair of programs where each partner has been offered a position.
PGY-1 & PGY-2	Post-graduate year one and post-graduate year two.
Program Type	<p>The NRMP classifies programs for the Main Residency Match into five types:</p> <ul style="list-style-type: none"><li>• <i>Advanced (A) programs</i>: Programs that begin in the PGY-2 year after a year of prerequisite training.</li><li>• <i>Categorical (C) programs</i>: Programs that begin in the PGY-1 year and provide the full training required for specialty board certification.</li><li>• <i>Primary (M) programs</i>: Categorical programs in primary care medicine and primary care pediatrics that begin in the PGY-1 year and provide the full training required for specialty board certification.</li><li>• <i>Preliminary (P) programs</i>: One-year programs that begin in the PGY-1 year and provide prerequisite training for advanced programs.</li><li>• <i>Physician (R) programs</i>: Programs that are reserved for physicians who have had prior graduate medical education. Reserved programs offer PGY-2 positions that begin in the year of the Match and thus are not available to senior medical students.</li></ul>

Table 1

## Match Summary, 2018

Specialty	No. of Programs	Positions Offered	Unfilled Programs	No. of Applicants*		No. of Matches*		% Filled		Ranked Positions		
				U.S.		U.S.		U.S.		U.S.		
				Seniors	Total	Seniors	Total	Seniors	Total	Seniors	Total	
<b>PGY- 1 Positions</b>												
Anesthesiology	132	1,253	9	1,180	2,011	861	1,226	68.7	97.8	11,746	16,071	
Child Neurology	68	134	5	113	192	101	129	75.4	96.3	1,217	1,513	
Dermatology	11	25	1	189	212	22	23	88.0	92.0	277	306	
Emergency Medicine	220	2,278	10	1,838	2,901	1,606	2,265	70.5	99.4	21,931	28,675	
Emergency Med-Anesthesiology	1	2	0	3	3	2	2	100.0	100.0	3	3	
Emergency Med-Family Med	2	4	0	15	27	3	4	75.0	100.0	18	31	
Family Medicine	557	3,629	56	1,943	6,421	1,628	3,510	44.9	96.7	20,349	40,851	
Family Medicine-ONMM	1	4	0	0	10	0	4	0.0	100.0	0	10	
Family Med-Preventive Med	3	3	0	20	37	3	3	100.0	100.0	23	43	
Internal Medicine (Categorical)	517	7,542	55	3,737	11,917	3,195	7,363	42.4	97.6	41,861	84,634	
Medicine-Anesthesiology	3	6	0	25	32	6	6	100.0	100.0	27	34	
Medicine-Dermatology	5	6	1	34	35	5	5	83.3	83.3	58	59	
Medicine-Emergency Med	11	26	0	60	94	22	26	84.6	100.0	267	344	
Medicine-Family Medicine	1	2	0	7	14	2	2	100.0	100.0	7	14	
Medicine-Medical Genetics	3	1	0	2	3	1	1	100.0	100.0	4	6	
Medicine-Pediatrics	77	382	5	374	580	306	377	80.1	98.7	3,846	4,614	
Medicine-Preliminary (PGY-1 Only)	349	1,883	47	3,426	5,524	1,370	1,762	72.8	93.6	52,881	65,611	
Medicine-Preventive Med	3	6	0	29	79	4	6	66.7	100.0	31	84	
Medicine-Primary	69	374	1	763	1,951	229	372	61.2	99.5	2,772	4,345	
Medicine-Psychiatry	12	24	0	48	88	20	24	83.3	100.0	166	248	
Interventional Radiology (Integrated)	19	35	0	217	255	34	35	97.1	100.0	593	652	
Neurodevelopmental Disabilities	4	4	0	7	11	3	4	75.0	100.0	15	20	
Neurological Surgery	110	225	0	240	325	203	225	90.2	100.0	3,591	3,926	
Neurology	104	552	10	501	1,143	280	539	50.7	97.6	3,408	5,907	
Obstetrics-Gynecology	255	1,336	4	1,228	1,879	1,051	1,330	78.7	99.6	14,248	17,843	
OB/GYN-Preliminary (PGY-1 Only)	17	21	6	159	245	6	11	28.6	52.4	236	373	
Orthopedic Surgery	171	742	4	849	1,017	691	738	93.1	99.5	9,644	10,228	
Osteo Neuromusculoskeletal Med	1	2	0	0	5	0	2	0.0	100.0	0	5	
Otolaryngology	112	315	11	299	333	284	303	90.2	96.2	4,173	4,307	
Pathology	163	601	25	237	866	220	568	36.6	94.5	2,428	6,119	
Pediatrics (Categorical)	211	2,768	23	1,934	3,647	1,746	2,711	63.1	97.9	22,486	31,930	
Pediatrics-Anesthesiology	6	7	0	15	21	6	7	85.7	100.0	43	49	
Pediatrics-Emergency Med	4	8	0	27	42	4	8	50.0	100.0	54	83	
Pediatrics-Medical Genetics	16	20	1	17	29	14	18	70.0	90.0	125	148	
Pediatrics-P M & R	3	3	0	8	13	3	3	100.0	100.0	14	20	
Pediatrics-Preliminary	20	19	4	113	154	10	14	52.6	73.7	299	371	
Pediatrics-Primary	14	90	2	400	834	36	86	40.0	95.6	582	1,113	
Peds/Psych/Child Psych	9	21	1	52	65	17	20	81.0	95.2	170	195	
Physical Medicine & Rehab	35	133	0	271	525	76	133	57.1	100.0	1,236	2,061	
Plastic Surgery (Integrated)	77	168	1	185	229	156	167	92.9	99.4	2,303	2,480	
Preventive Medicine	1	1	0	1	13	0	1	0.0	100.0	1	13	
Psychiatry	256	1,556	7	1,236	2,739	982	1,540	63.1	99.0	11,428	17,832	
Psychiatry-Family Medicine	7	12	0	42	63	12	12	100.0	100.0	107	143	
Psychiatry-Neurology	4	4	1	10	16	3	3	75.0	75.0	14	23	
Radiation Oncology	8	16	1	132	136	15	15	93.8	93.8	216	221	
Radiology-Diagnostic	34	125	0	632	981	77	125	61.6	100.0	1,414	2,175	
Surgery (Categorical)	281	1,319	3	1,351	2,391	1,005	1,314	76.2	99.6	14,926	18,946	
Surgery-Preliminary (PGY-1 Only)	325	1,363	151	1,174	2,228	567	888	41.6	65.2	6,292	9,647	
Thoracic Surgery	28	36	0	72	107	31	36	86.1	100.0	543	643	
Transitional (PGY-1 Only)	131	1,086	19	2,424	3,559	772	1,016	71.1	93.6	19,215	23,429	
Vascular Surgery	52	60	2	61	91	50	58	83.3	96.7	949	1,070	
<b>Total PGY- 1</b>	<b>4,523</b>	<b>30,232</b>	<b>466</b>	<b>27,700</b>	<b>56,093</b>	<b>17,740</b>	<b>29,040</b>	<b>58.7</b>	<b>96.1</b>	<b>278,237</b>	<b>409,468</b>	

**Table 1** Match Summary, 2018 (Continued)

Specialty	No. of Programs	Positions Offered	Unfilled Programs	No. of Applicants*		No. of Matches*		% Filled		Ranked Positions	
				U.S. Seniors	Total	U.S. Seniors	Total	U.S. Seniors	Total	U.S. Seniors	Total
<b>PGY- 2 Positions</b>											
Anesthesiology	75	447	4	919	1,601	246	442	55.0	98.9	5,143	7,781
Child Neurology	7	8	1	58	87	3	7	37.5	87.5	82	118
Dermatology	122	426	4	463	651	348	420	81.7	98.6	3,643	4,334
Interventional Radiology (Integrated)	51	98	0	279	352	93	98	94.9	100.0	1,598	1,760
Neurodevelopmental Disabilities	3	4	2	6	11	2	2	50.0	50.0	10	16
Neurology	55	287	2	430	928	190	283	66.2	98.6	2,310	3,486
Nuclear Medicine	2	3	0	0	8	0	3	0.0	100.0	0	11
Physical Medicine & Rehab	61	281	0	278	614	166	281	59.1	100.0	2,320	3,945
Radiation Oncology	85	177	5	194	222	162	172	91.5	97.2	2,102	2,204
Radiology-Diagnostic	171	944	4	1,000	1,603	683	939	72.4	99.5	10,842	14,373
Radiology-Nuclear Med	3	3	0	12	19	1	3	33.3	100.0	13	23
<b>Total PGY- 2</b>	<b>635</b>	<b>2,678</b>	<b>22</b>	<b>3,639</b>	<b>6,096</b>	<b>1,894</b>	<b>2,650</b>	<b>70.7</b>	<b>99.0</b>	<b>28,063</b>	<b>38,051</b>
<b>Physician (R) Positions**</b>											
Anesthesiology	64	140	11	0	246	0	120	0.0	85.7	0	846
Child Neurology	22	26	13	0	14	0	12	0.0	46.2	0	56
Dermatology	17	21	1	0	78	0	20	0.0	95.2	0	143
Interventional Radiology (Integrated)	3	3	0	0	13	0	3	0.0	100.0	0	14
Neurodevelopmental Disabilities	6	7	4	0	6	0	2	0.0	28.6	0	11
Neurology	13	20	2	0	46	0	18	0.0	90.0	0	71
Nuclear Medicine	1	2	1	0	1	0	1	0.0	50.0	0	1
Physical Medicine & Rehab	5	7	0	0	31	0	7	0.0	100.0	0	45
Radiation Oncology	1	1	0	0	3	0	1	0.0	100.0	0	3
Radiology-Diagnostic	24	30	5	0	120	0	25	0.0	83.3	0	184
<b>Total Physician (R)</b>	<b>156</b>	<b>257</b>	<b>37</b>	<b>0</b>	<b>558</b>	<b>0</b>	<b>209</b>	<b>0.0</b>	<b>81.3</b>	<b>0</b>	<b>1,374</b>
<b>GRAND TOTAL</b>	<b>5,314</b>	<b>33,167</b>	<b>525</b>	<b>31,339</b>	<b>62,747</b>	<b>19,634</b>	<b>31,899</b>	<b>59.2</b>	<b>96.2</b>	<b>306,300</b>	<b>448,893</b>

\* Applicants can rank multiple specialties. In 2018, 2,244 applicants matched to both PGY-1 and PGY-2 positions; of those applicants, 1,782 were U.S. allopathic seniors.

\*\* Physician (R) positions are PGY-2 positions starting in the year of the Match that are reserved for applicants who have had prior graduate medical education. Physician positions are not available to senior medical students. In previous *Results and Data Books*, the numbers of R positions were small and they were included in the categorical position counts. In 2014, NRMP began listing R positions separately.

Table 3

## Positions Offered in the Matching Program, 2014 - 2018

Specialty	2018		2017		2016		2015		2014	
	No.	%	No.	%	No.	%	No.	%	No.	%
<b>PGY-1 Positions</b>										
▲ Anesthesiology	1,253	4.1	1,202	4.2	1,127	4.0	1,094	4.0	1,049	3.9
▲ Child Neurology	134	0.4	128	0.4	116	0.4	104	0.4	92	0.3
Dermatology	25	0.1	26	0.1	21	0.1	22	0.1	20	0.1
▲ Emergency Medicine	2,278	7.5	2,047	7.1	1,895	6.8	1,821	6.7	1,786	6.7
Emergency Med-Anesthesiology	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Emergency Med-Family Med	4	0.0	4	0.0	4	0.0	4	0.0	4	0.0
▲ Family Medicine	3,629	12.0	3,356	11.6	3,238	11.6	3,195	11.7	3,109	11.7
Family Medicine-ONMM	4	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Family Med-Preventive Med	3	0.0	6	0.0	6	0.0	5	0.0	5	0.0
▲ Internal Medicine (Categorical)	7,542	24.9	7,233	25.1	7,024	25.2	6,770	24.8	6,524	24.5
Medicine-Anesthesiology	6	0.0	6	0.0	5	0.0	6	0.0	7	0.0
Medicine-Dermatology	6	0.0	6	0.0	6	0.0	6	0.0	6	0.0
Medicine-Emergency Med	26	0.1	26	0.1	29	0.1	28	0.1	28	0.1
Medicine-Family Medicine	2	0.0	2	0.0	2	0.0	2	0.0	4	0.0
Medicine-Medical Genetics	1	0.0	2	0.0	1	0.0	4	0.0	3	0.0
Medicine-Neurology	0	0.0	0	0.0	0	0.0	1	0.0	1	0.0
Medicine-Pediatrics	382	1.3	381	1.3	386	1.4	380	1.4	374	1.4
Medicine-Preliminary (PGY-1 Only)	1,883	6.2	1,915	6.6	1,918	6.9	1,928	7.1	1,905	7.1
Medicine-Preventive Med	6	0.0	8	0.0	7	0.0	7	0.0	7	0.0
▲ Medicine-Primary	374	1.2	341	1.2	328	1.2	341	1.2	335	1.3
Medicine-Psychiatry	24	0.1	24	0.1	23	0.1	21	0.1	18	0.1
Interventional Radiology (Integrated)	35	0.1	29	0.1	3	0.0	0	0.0	0	0.0
Neurodevelopmental Disabilities	4	0.0	3	0.0	2	0.0	1	0.0	0	0.0
Neurological Surgery	225	0.7	218	0.8	216	0.8	210	0.8	206	0.8
▲ Neurology	552	1.8	492	1.7	443	1.6	404	1.5	380	1.4
Obstetrics-Gynecology	1,336	4.4	1,288	4.5	1,265	4.5	1,255	4.6	1,242	4.7
OB/GYN-Preliminary (PGY-1 Only)	21	0.1	23	0.1	22	0.1	21	0.1	22	0.1
Orthopedic Surgery	742	2.5	727	2.5	717	2.6	703	2.6	695	2.6
Osteo Neuromusculoskeletal Med	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Otolaryngology	315	1.0	305	1.1	304	1.1	299	1.1	295	1.1
Pathology	601	2.0	601	2.1	579	2.1	605	2.2	597	2.2
Pediatrics (Categorical)	2,768	9.2	2,738	9.5	2,689	9.7	2,668	9.8	2,640	9.9
Pediatrics-Anesthesiology	7	0.0	9	0.0	8	0.0	9	0.0	8	0.0
Pediatrics-Emergency Med	8	0.0	10	0.0	7	0.0	9	0.0	9	0.0
▲ Pediatrics-Medical Genetics	20	0.1	15	0.1	14	0.1	15	0.1	10	0.0
Pediatrics-P M & R	3	0.0	2	0.0	4	0.0	1	0.0	3	0.0
▼ Pediatrics-Preliminary	19	0.1	34	0.1	43	0.2	36	0.1	40	0.1
▲ Pediatrics-Primary	90	0.3	83	0.3	79	0.3	74	0.3	75	0.3
Peds/Psych/Child Psych	21	0.1	21	0.1	20	0.1	19	0.1	19	0.1
▲ Physical Medicine & Rehab	133	0.4	119	0.4	112	0.4	107	0.4	96	0.4
▲ Plastic Surgery (Integrated)	168	0.6	159	0.6	152	0.5	148	0.5	130	0.5
Preventive Medicine	1	0.0	1	0.0	1	0.0	0	0.0	0	0.0
▲ Psychiatry	1,556	5.1	1,495	5.2	1,384	5.0	1,353	5.0	1,322	5.0
Psychiatry-Family Medicine	12	0.0	10	0.0	10	0.0	10	0.0	10	0.0
Psychiatry-Neurology	4	0.0	6	0.0	3	0.0	3	0.0	4	0.0
Radiation Oncology	16	0.1	16	0.1	15	0.1	17	0.1	18	0.1
Radiology-Diagnostic	125	0.4	121	0.4	151	0.5	133	0.5	137	0.5
Surgery (Categorical)	1,319	4.4	1,281	4.4	1,241	4.5	1,224	4.5	1,205	4.5
Surgery-Preliminary (PGY-1 Only)	1,363	4.5	1,325	4.6	1,308	4.7	1,296	4.7	1,286	4.8
Thoracic Surgery	36	0.1	37	0.1	38	0.1	35	0.1	33	0.1
▲ Transitional (PGY-1 Only)	1,086	3.6	908	3.1	838	3.0	842	3.1	868	3.3
Vascular Surgery	60	0.2	60	0.2	56	0.2	57	0.2	51	0.2
<b>TOTAL - PGY1</b>	<b>30,232</b>	<b>100</b>	<b>28,849</b>	<b>100</b>	<b>27,860</b>	<b>100</b>	<b>27,293</b>	<b>100</b>	<b>26,678</b>	<b>100</b>

Table 3

## Positions Offered in the Matching Program, 2014 - 2018 (Continued)

Specialty	2018		2017		2016		2015		2014	
	No.	%	No.	%	No.	%	No.	%	No.	%
<b>PGY-2 Positions</b>										
▼ Anesthesiology	447	16.7	441	16.5	481	18.0	506	18.8	515	18.9
▼ Child Neurology	8	0.3	11	0.4	18	0.7	24	0.9	28	1.0
▲ Dermatology	426	15.9	423	15.8	399	15.0	385	14.3	380	14.0
Interventional Radiology (Integrated)	98	3.7	95	3.5	11	0.4	0	0.0	0	0.0
Neurodevelopmental Disabilities	4	0.1	4	0.1	5	0.2	5	0.2	5	0.2
▼ Neurology	287	10.7	294	11.0	304	11.4	313	11.6	320	11.8
Nuclear Medicine	3	0.1	4	0.1	3	0.1	3	0.1	4	0.1
Physical Medicine & Rehab	281	10.5	294	11.0	290	10.9	282	10.5	287	10.6
Plastic Surgery	0	0.0	0	0.0	0	0.0	0	0.0	6	0.2
Preventive Medicine	0	0.0	0	0.0	2	0.1	2	0.1	2	0.1
Psychiatry	0	0.0	0	0.0	1	0.0	1	0.0	2	0.1
Psychiatry-Neurology	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0
Radiation Oncology	177	6.6	177	6.6	168	6.3	176	6.5	161	5.9
Radiology-Diagnostic	944	35.3	932	34.8	982	36.8	999	37.0	1,008	37.1
Radiology-Nuclear Med	3	0.1	2	0.1	3	0.1	1	0.0	1	0.0
<b>TOTAL - PGY2</b>	<b>2,678</b>	<b>100</b>	<b>2,677</b>	<b>100</b>	<b>2,667</b>	<b>100</b>	<b>2,698</b>	<b>100</b>	<b>2,719</b>	<b>100</b>
<b>Physician (R) Positions*</b>										
▲ Anesthesiology	140	54.5	100	43.3	88	39.5	95	43.0	98	35.8
Child Neurology	26	10.1	33	14.3	36	16.1	26	11.8	35	12.8
Dermatology	21	8.2	14	6.1	20	9.0	20	9.0	14	5.1
Interventional Radiology (Integrated)	3	1.2	1	0.4	1	0.4	0	0.0	0	0.0
Neurodevelopmental Disabilities	7	2.7	2	0.9	1	0.4	2	0.9	1	0.4
Neurology	20	7.8	21	9.1	23	10.3	20	9.0	23	8.4
Nuclear Medicine	2	0.8	2	0.9	2	0.9	1	0.5	0	0.0
Physical Medicine & Rehab	7	2.7	13	5.6	12	5.4	16	7.2	8	2.9
Preventive Medicine	0	0.0	0	0.0	0	0.0	0	0.0	1	0.4
Psychiatry	0	0.0	0	0.0	1	0.4	3	1.4	50	18.2
Radiation Oncology	1	0.4	8	3.5	3	1.3	7	3.2	7	2.6
Radiology-Diagnostic	30	11.7	37	16.0	35	15.7	24	10.9	31	11.3
Radiology-Nuclear Med	0	0.0	0	0.0	1	0.4	1	0.5	0	0.0
Surgery	0	0.0	0	0.0	0	0.0	6	2.7	5	1.8
Thoracic Surgery	0	0.0	0	0.0	0	0.0	0	0.0	1	0.4
<b>TOTAL - Physician (R)</b>	<b>257</b>	<b>100</b>	<b>231</b>	<b>100</b>	<b>223</b>	<b>100</b>	<b>221</b>	<b>100</b>	<b>274</b>	<b>100</b>
<b>GRAND TOTAL</b>	<b>33,167</b>	<b>100</b>	<b>31,757</b>	<b>100</b>	<b>30,750</b>	<b>100</b>	<b>30,212</b>	<b>100</b>	<b>29,671</b>	<b>100</b>

▲▼ Denotes increase/decrease in matched applicants of more than 10 percent and 10 positions between 2014 and 2018.

\* Physician (R) positions are PGY-2 positions starting in the year of the Match that are reserved for applicants who have had prior graduate medical education. Physician positions are not available to senior medical students. In previous *Results and Data Books*, the numbers of R positions were small and they were included in the categorical position counts. In 2014, NRMP began listing R positions separately.

Table 4

## Applicants in the Matching Program, 2014 - 2018

Applicant	2018		2017		2016		2015		2014	
	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Seniors of U.S. Allopathic Medical Schools</b>										
▲ Active Applicants*	18,818	100	18,539	100	18,187	100	18,025	100	17,374	100
Matched PGY-1	17,740	94.3	17,480	94.3	17,057	93.8	16,932	93.9	16,399	94.4
Unmatched PGY-1	1,078	5.7	1,059	5.7	1,130	6.2	1,093	6.1	975	5.6
Withdrew	428	2.2	431	2.3	401	2.1	362	2.0	333	1.9
No Rank List	66	0.3	60	0.3	80	0.4	60	0.3	60	0.3
<b>Total</b>	<b>19,312</b>	<b>100</b>	<b>19,030</b>	<b>100</b>	<b>18,668</b>	<b>100</b>	<b>18,447</b>	<b>100</b>	<b>17,767</b>	<b>100</b>
<b>Previous Graduates of U.S. Allopathic Medical Schools</b>										
Active Applicants*	1,511	100	1,472	100	1,502	100	1,520	100	1,662	100
Matched PGY-1	662	43.8	677	46.0	732	48.7	662	43.6	798	48.0
Unmatched PGY-1	849	56.2	795	54.0	770	51.3	858	56.4	864	52.0
Withdrew	85	4.8	82	4.5	89	4.8	66	3.6	88	4.5
No Rank List	192	10.7	265	14.6	258	14.0	244	13.3	211	10.8
<b>Total</b>	<b>1,788</b>	<b>100</b>	<b>1,819</b>	<b>100</b>	<b>1,849</b>	<b>100</b>	<b>1,830</b>	<b>100</b>	<b>1,961</b>	<b>100</b>
<b>Students/Graduates of Osteopathic Medical Schools</b>										
▲ Active Applicants*	4,617	100	3,590	100	2,982	100	2,949	100	2,738	100
Matched PGY-1	3,771	81.7	2,933	81.7	2,396	80.3	2,339	79.3	2,127	77.7
Unmatched PGY-1	846	18.3	657	18.3	586	19.7	610	20.7	611	22.3
Withdrew	1,227	20.3	1,224	24.5	1,108	25.9	913	22.7	892	23.7
No Rank List	210	3.5	186	3.7	188	4.4	159	4.0	138	3.7
<b>Total</b>	<b>6,054</b>	<b>100</b>	<b>5,000</b>	<b>100</b>	<b>4,278</b>	<b>100</b>	<b>4,021</b>	<b>100</b>	<b>3,768</b>	<b>100</b>
<b>Students/Graduates of Canadian Medical Schools</b>										
Active Applicants*	13	100	13	100	15	100	24	100	14	100
Matched PGY-1	5	38.5	7	53.8	13	86.7	17	70.8	6	42.9
Unmatched PGY-1	8	61.5	6	46.2	2	13.3	7	29.2	8	57.1
Withdrew	6	22.2	9	36.0	10	35.7	9	23.1	6	25.0
No Rank List	8	29.6	3	12.0	3	10.7	6	15.4	4	16.7
<b>Total</b>	<b>27</b>	<b>100</b>	<b>25</b>	<b>100</b>	<b>28</b>	<b>100</b>	<b>39</b>	<b>100</b>	<b>24</b>	<b>100</b>
<b>Students/Graduates of Fifth Pathway Programs</b>										
Active Applicants*	2	100	2	100	7	100	7	100	15	100
Matched PGY-1	0	0.0	0	0.0	0	0.0	1	14.3	2	13.3
Unmatched PGY-1	2	100	2	100	7	100	6	86	13	87
Withdrew	1	25.0	0	0.0	0	0.0	2	10.0	3	10.0
No Rank List	1	25.0	5	71.4	6	46.2	11	55.0	12	40.0
<b>Total</b>	<b>4</b>	<b>100</b>	<b>7</b>	<b>100</b>	<b>13</b>	<b>100</b>	<b>20</b>	<b>100</b>	<b>30</b>	<b>100</b>
<b>U.S. Citizen Students/Graduates of International Medical Schools</b>										
Active Applicants*	5,075	100	5,069	100	5,323	100	5,014	100	5,133	100
Matched PGY-1	2,900	57.1	2,777	54.8	2,869	53.9	2,660	53.1	2,722	53.0
Unmatched PGY-1	2,175	42.9	2,292	45.2	2,454	46.1	2,354	46.9	2,411	47.0
Withdrew	569	8.1	594	8.3	650	8.8	691	10.0	637	9.2
No Rank List	1,342	19.2	1,486	20.8	1,391	18.9	1,212	17.5	1,182	17.0
<b>Total</b>	<b>6,986</b>	<b>100</b>	<b>7,149</b>	<b>100</b>	<b>7,364</b>	<b>100</b>	<b>6,917</b>	<b>100</b>	<b>6,952</b>	<b>100</b>
<b>Non-U.S. Citizen Students/Graduates of International Medical Schools</b>										
Active Applicants*	7,067	100	7,284	100	7,460	100	7,366	100	7,334	100
Matched PGY-1	3,962	56.1	3,814	52.4	3,769	50.5	3,641	49.4	3,633	49.5
Unmatched PGY-1	3,105	43.9	3,470	47.6	3,691	49.5	3,725	50.6	3,701	50.5
Withdrew	805	8.3	778	7.7	841	8.3	898	8.9	843	8.5
No Rank List	1,866	19.2	2,065	20.4	1,869	18.4	1,796	17.9	1,715	17.3
<b>Total</b>	<b>9,738</b>	<b>100</b>	<b>10,127</b>	<b>100</b>	<b>10,170</b>	<b>100</b>	<b>10,060</b>	<b>100</b>	<b>9,892</b>	<b>100</b>
<b>All Applicants</b>										
Active Applicants	37,103	100	35,969	100	35,476	100	34,905	100	34,270	100
Matched PGY-1	29,040	78.3	27,688	77.0	26,836	75.6	26,252	75.2	25,687	75.0
Unmatched PGY-1	8,063	21.7	8,281	23.0	8,640	24.4	8,653	24.8	8,583	25.0
Withdrew	3,121	7.1	3,118	7.2	3,099	7.3	2,941	7.1	2,802	6.9
No Rank List	3,685	8.4	4,070	9.4	3,795	9.0	3,488	8.4	3,322	8.2
<b>Total</b>	<b>43,909</b>	<b>100</b>	<b>43,157</b>	<b>100</b>	<b>42,370</b>	<b>100</b>	<b>41,334</b>	<b>100</b>	<b>40,394</b>	<b>100</b>

▲ Denotes that the percentage increase in active applicants for this group was greater than the overall increase of 8.3% for all active applicants between 2014 and 2018.

\* Applicants who submitted a certified rank order list of programs

**Note:** Match rates are based on all active applicants regardless of their ranking behavior. Therefore, applicants who matched to PGY-1 positions are counted as matched even if they ranked and did not match to a PGY-2 position.

Applicants who ranked only advanced and physician (R) programs are counted as unmatched in this table because they did not match to a PGY-1 position.



**Table 7**

**Positions Offered and Number Filled by U.S. Seniors and All Applicants, 2014 - 2018**

Specialty	2018			2017			2016			2015			2014		
	Offered	Filled		Offered	Filled		Offered	Filled		Offered	Filled		Offered	Filled	
		#U.S.	#Tot		#U.S.	#Tot		#U.S.	#Tot		#U.S.	#Tot		#U.S.	#Tot
<b>PGY-1 Positions</b>															
▲Anesthesiology	1,253	861	1,226	1,202	803	1,146	1,127	774	1,072	1,094	799	1,066	1,049	754	1,024
▲Child Neurology	134	101	129	128	97	119	116	90	109	104	73	95	92	66	80
Dermatology	25	22	23	26	24	26	21	21	21	22	20	22	20	20	20
▲Emergency Medicine	2,278	1,606	2,265	2,047	1,601	2,041	1,895	1,486	1,894	1,821	1,438	1,813	1,786	1,388	1,772
Emergency Med-Anesthesiology	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Emergency Med-Family Med	4	3	4	4	2	4	4	2	4	4	1	4	4	4	4
▲Family Medicine	3,629	1,628	3,510	3,356	1,513	3,215	3,238	1,467	3,083	3,195	1,405	3,039	3,109	1,398	2,977
Family Medicine-ONMM	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Family Med-Preventive Med	3	3	3	6	5	6	6	1	6	5	5	5	5	3	5
Internal Medicine (Categorical)	7,542	3,195	7,363	7,233	3,245	7,101	7,024	3,291	6,938	6,770	3,317	6,698	6,524	3,167	6,465
Medicine-Anesthesiology	6	6	6	6	4	4	5	5	5	6	4	6	7	5	5
Medicine-Dermatology	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6
Medicine-Emergency Med	26	22	26	26	21	26	29	24	27	28	23	27	28	24	28
Medicine-Family Medicine	2	2	2	2	2	2	2	2	2	2	1	2	4	3	4
Medicine-Medical Genetics	1	1	1	2	1	1	1	0	0	4	2	4	3	0	0
Medicine-Neurology	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1
Medicine-Pediatrics	382	306	377	381	291	356	386	329	384	380	319	379	374	284	362
Medicine-Preliminary (PGY-1 Only)	1,883	1,370	1,762	1,915	1,436	1,843	1,918	1,415	1,818	1,928	1,388	1,805	1,905	1,477	1,825
Medicine-Preventive Med	6	4	6	8	2	6	7	3	6	7	4	7	7	2	7
▲Medicine-Primary	374	229	372	341	224	341	328	210	325	341	206	339	335	202	333
▲Medicine-Psychiatry	24	20	24	24	15	24	23	19	23	21	13	21	18	10	16
Interventional Radiology (Integrated)	35	34	35	29	23	27	3	3	3	0	0	0	0	0	0
Neurodevelopmental Disabilities	4	3	4	3	3	3	2	2	2	1	0	1	0	0	0
Neurological Surgery	225	203	225	218	183	218	216	200	214	210	188	208	206	189	206
▲Neurology	552	280	539	492	249	479	443	236	440	404	222	396	380	192	373
▲Obstetrics-Gynecology	1,336	1,051	1,330	1,288	1,049	1,288	1,265	981	1,257	1,255	1,002	1,255	1,242	950	1,234
OB/GYN-Preliminary (PGY-1 Only)	21	6	11	23	6	14	22	4	11	21	3	14	22	4	13
Orthopedic Surgery	742	691	738	727	668	726	717	650	717	703	663	703	695	649	693
Osteo Neuromusculoskeletal Med	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Otolaryngology	315	284	303	305	279	291	304	272	302	299	283	298	295	279	295
▼Pathology	601	220	568	601	216	545	579	248	549	605	282	568	597	256	546
Pediatrics (Categorical)	2,768	1,746	2,711	2,738	1,849	2,693	2,689	1,829	2,675	2,668	1,889	2,654	2,640	1,818	2,627
Pediatrics-Anesthesiology	7	6	7	9	7	8	8	6	7	9	9	9	8	7	7
Pediatrics-Emergency Med	8	4	8	10	5	9	7	7	7	9	8	9	9	4	9
Pediatrics-Medical Genetics	20	14	18	15	8	13	14	10	14	15	12	15	10	5	7
Pediatrics-P M & R	3	3	3	2	2	2	4	3	4	1	0	1	3	2	3
▼Pediatrics-Preliminary	19	10	14	34	23	27	43	26	37	36	21	30	40	24	30
Pediatrics-Primary	90	36	86	83	31	82	79	34	79	74	26	74	75	34	75
Peds/Psych/Child Psych	21	17	20	21	19	21	20	18	20	19	18	19	19	16	18
▲Physical Medicine & Rehab	133	76	133	119	74	118	112	69	110	107	65	107	96	54	96
▲Plastic Surgery (Integrated)	168	156	167	159	148	157	152	133	151	148	136	144	130	120	130
Preventive Medicine	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0
▲Psychiatry	1,556	982	1,540	1,495	923	1,491	1,384	850	1,373	1,353	774	1,339	1,322	685	1,291
Psychiatry-Family Medicine	12	12	12	10	8	10	10	9	10	10	10	10	10	8	10
Psychiatry-Neurology	4	3	3	6	3	3	3	3	3	3	0	2	4	4	4
Radiation Oncology	16	15	15	16	16	16	15	14	15	17	14	15	18	18	18
Radiology-Diagnostic	125	77	125	121	73	120	151	93	141	133	67	120	137	81	121
Surgery (Categorical)	1,319	1,005	1,314	1,281	1,005	1,276	1,241	948	1,239	1,224	979	1,222	1,205	922	1,198
▲Surgery-Preliminary (PGY-1 Only)	1,363	567	888	1,325	522	817	1,308	511	843	1,296	476	821	1,286	490	837
Thoracic Surgery	36	31	36	37	30	34	38	31	37	35	28	35	33	29	33
Transitional (PGY-1 Only)	1,086	772	1,016	908	718	873	838	673	796	842	685	790	868	709	833
▲Vascular Surgery	60	50	58	60	48	59	56	49	56	57	48	55	51	36	46
<b>TOTAL - PGY-1</b>	<b>30,232</b>	<b>17,740</b>	<b>29,040</b>	<b>28,849</b>	<b>17,480</b>	<b>27,688</b>	<b>27,860</b>	<b>17,057</b>	<b>26,836</b>	<b>27,293</b>	<b>16,932</b>	<b>26,252</b>	<b>26,678</b>	<b>16,399</b>	<b>25,687</b>



**Table 7**

**Positions Offered and Number Filled by U.S. Seniors and All Applicants, 2014 - 2018 (Continued)**

Specialty	2018			2017			2016			2015			2014		
	Offered	Filled #U.S.	#Tot	Offered	Filled #U.S.	#Tot	Offered	Filled #U.S.	#Tot	Offered	Filled #U.S.	#Tot	Offered	Filled #U.S.	#Tot
<b>PGY-2 Positions</b>															
▼ Anesthesiology	447	246	442	441	229	414	481	290	441	506	315	469	515	327	482
Child Neurology	8	3	7	11	5	9	18	8	16	24	7	17	28	11	20
Dermatology	426	348	420	423	346	415	399	341	389	385	336	381	380	334	374
Interventional Radiology (Integrated)	98	93	98	95	82	91	11	11	11	0	0	0	0	0	0
Neurodevelopmental Disabilities	4	2	2	4	3	3	5	0	0	5	1	2	5	3	5
Neurology	287	190	283	294	185	284	304	201	298	313	190	304	320	195	308
Nuclear Medicine	3	0	3	4	0	4	3	0	1	3	0	1	4	0	2
Physical Medicine & Rehab	281	166	281	294	181	294	290	153	283	282	127	279	287	154	287
Plastic Surgery	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6
Preventive Medicine	0	0	0	0	0	0	2	0	2	2	0	2	2	0	0
Psychiatry	0	0	0	0	0	0	1	1	1	1	0	0	2	0	1
Psychiatry-Neurology	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
Radiation Oncology	177	162	172	177	164	173	168	155	167	176	165	170	161	151	157
Radiology-Diagnostic	944	683	939	932	667	917	982	661	947	999	579	862	1,008	695	950
Radiology-Nuclear Med	3	1	3	2	1	2	3	2	3	1	0	0	1	0	0
<b>TOTAL - PGY-2</b>	<b>2,678</b>	<b>1,894</b>	<b>2,650</b>	<b>2,677</b>	<b>1,863</b>	<b>2,606</b>	<b>2,667</b>	<b>1,823</b>	<b>2,559</b>	<b>2,698</b>	<b>1,721</b>	<b>2,488</b>	<b>2,719</b>	<b>1,876</b>	<b>2,592</b>
<b>Physician (R) Positions*</b>															
Anesthesiology	140	0	120	100	0	86	88	0	77	95	0	74	98	0	86
Child Neurology	26	0	12	33	0	19	36	0	18	26	0	14	35	0	19
Dermatology	21	0	20	14	0	13	20	0	19	20	0	18	14	0	11
Interventional Radiology (Integrated)	3	0	3	1	0	1	1	0	1	0	0	0	0	0	0
Neurodevelopmental Disabilities	7	0	2	2	0	0	1	0	0	2	0	1	1	0	1
Neurology	20	0	18	21	0	16	23	0	17	20	0	14	23	0	16
Nuclear Medicine	2	0	1	2	0	1	2	0	2	1	0	1	0	0	0
Physical Medicine & Rehab	7	0	7	13	0	13	12	0	12	16	0	16	8	0	8
Preventive Medicine	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Psychiatry	0	0	0	0	0	0	1	0	1	3	0	1	50	0	41
Radiation Oncology	1	0	1	8	0	4	3	0	3	7	0	3	7	0	3
Radiology-Diagnostic	30	0	25	37	0	31	35	0	26	24	0	23	31	0	24
Radiology-Nuclear Med	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0
Surgery	0	0	0	0	0	0	0	0	0	6	0	0	5	0	1
Thoracic Surgery	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
<b>TOTAL - Physician (R)</b>	<b>257</b>	<b>0</b>	<b>209</b>	<b>231</b>	<b>0</b>	<b>184</b>	<b>223</b>	<b>0</b>	<b>177</b>	<b>221</b>	<b>0</b>	<b>166</b>	<b>274</b>	<b>0</b>	<b>211</b>
<b>GRAND TOTAL</b>	<b>33,167</b>	<b>19,634</b>	<b>31,899</b>	<b>31,757</b>	<b>19,343</b>	<b>30,478</b>	<b>30,750</b>	<b>18,880</b>	<b>29,572</b>	<b>30,212</b>	<b>18,653</b>	<b>28,906</b>	<b>29,671</b>	<b>18,275</b>	<b>28,490</b>

▲ Denotes increase/decrease in number of positions filled by U.S. allopathic seniors of more than 10 percent and 10 positions between 2014 and 2018.

\* Physician (R) positions are PGY-2 positions starting in the year of the Match that are reserved for applicants who have had prior graduate medical education. Physician positions are not available to senior medical students. In previous *Results and Data Books*, the numbers of R positions were small and they were included in the categorical position counts. In 2014, NRMP began listing R positions separately.

**Table 8**

**Positions Offered and Percent Filled by U.S. Seniors and All Applicants, 2014 - 2018**

Specialty	2018			2017			2016			2015			2014		
	Offered	Filled		Offered	Filled		Offered	Filled		Offered	Filled		Offered	Filled	
		%U.S.	%Tot		%U.S.	%Tot		%U.S.	%Tot		%U.S.	%Tot		%U.S.	%Tot
<b>PGY-1 Positions</b>															
Anesthesiology	1,253	68.7	97.8	1,202	66.8	95.3	1,127	68.7	95.1	1,094	73.0	97.4	1,049	71.9	97.6
Child Neurology	134	75.4	96.3	128	75.8	93.0	116	77.6	94.0	104	70.2	91.3	92	71.7	87.0
Dermatology	25	88.0	92.0	26	92.3	100.0	21	100.0	100.0	22	90.9	100.0	20	100.0	100.0
Emergency Medicine	2,278	70.5	99.4	2,047	78.2	99.7	1,895	78.4	99.9	1,821	79.0	99.6	1,786	77.7	99.2
Emergency Med-Anesthesiology	2	100.0	100.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Emergency Med-Family Med	4	75.0	100.0	4	50.0	100.0	4	50.0	100.0	4	25.0	100.0	4	100.0	100.0
Family Medicine	3,629	44.9	96.7	3,356	45.1	95.8	3,238	45.3	95.2	3,195	44.0	95.1	3,109	45.0	95.8
Family Medicine-ONMM	4	0.0	100.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Family Med-Preventive Med	3	100.0	100.0	6	83.3	100.0	6	16.7	100.0	5	100.0	100.0	5	60.0	100.0
Internal Medicine (Categorical)	7,542	42.4	97.6	7,233	44.9	98.2	7,024	46.9	98.8	6,770	49.0	98.9	6,524	48.5	99.1
Medicine-Anesthesiology	6	100.0	100.0	6	66.7	66.7	5	100.0	100.0	6	66.7	100.0	7	71.4	71.4
Medicine-Dermatology	6	83.3	83.3	6	100.0	100.0	6	100.0	100.0	6	100.0	100.0	6	100.0	100.0
Medicine-Emergency Med	26	84.6	100.0	26	80.8	100.0	29	82.8	93.1	28	82.1	96.4	28	85.7	100.0
Medicine-Family Medicine	2	100.0	100.0	2	100.0	100.0	2	100.0	100.0	2	50.0	100.0	4	75.0	100.0
Medicine-Medical Genetics	1	100.0	100.0	2	50.0	50.0	1	0.0	0.0	4	50.0	100.0	3	0.0	0.0
Medicine-Neurology	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	1	0.0	0.0	1	100.0	100.0
Medicine-Pediatrics	382	80.1	98.7	381	76.4	93.4	386	85.2	99.5	380	83.9	99.7	374	75.9	96.8
Medicine-Preliminary (PGY-1 Only)	1,883	72.8	93.6	1,915	75.0	96.2	1,918	73.8	94.8	1,928	72.0	93.6	1,905	77.5	95.8
Medicine-Preventive Med	6	66.7	100.0	8	25.0	75.0	7	42.9	85.7	7	57.1	100.0	7	28.6	100.0
Medicine-Primary	374	61.2	99.5	341	65.7	100.0	328	64.0	99.1	341	60.4	99.4	335	60.3	99.4
Medicine-Psychiatry	24	83.3	100.0	24	62.5	100.0	23	82.6	100.0	21	61.9	100.0	18	55.6	88.9
Interventional Radiology (Integrated)	35	97.1	100.0	29	79.3	93.1	3	100.0	100.0	0	0.0	0.0	0	0.0	0.0
Neurodevelopmental Disabilities	4	75.0	100.0	3	100.0	100.0	2	100.0	100.0	1	0.0	100.0	0	0.0	0.0
Neurological Surgery	225	90.2	100.0	218	83.9	100.0	216	92.6	99.1	210	89.5	99.0	206	91.7	100.0
Neurology	552	50.7	97.6	492	50.6	97.4	443	53.3	99.3	404	55.0	98.0	380	50.5	98.2
Obstetrics-Gynecology	1,336	78.7	99.6	1,288	81.4	100.0	1,265	77.5	99.4	1,255	79.8	100.0	1,242	76.5	99.4
OB/GYN-Preliminary (PGY-1 Only)	21	28.6	52.4	23	26.1	60.9	22	18.2	50.0	21	14.3	66.7	22	18.2	59.1
Orthopedic Surgery	742	93.1	99.5	727	91.9	99.9	717	90.7	100.0	703	94.3	100.0	695	93.4	99.7
Osteo Neuromusculoskeletal Med	2	0.0	100.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Otolaryngology	315	90.2	96.2	305	91.5	95.4	304	89.5	99.3	299	94.6	99.7	295	94.6	100.0
Pathology	601	36.6	94.5	601	35.9	90.7	579	42.8	94.8	605	46.6	93.9	597	42.9	91.5
Pediatrics (Categorical)	2,768	63.1	97.9	2,738	67.5	98.4	2,689	68.0	99.5	2,668	70.8	99.5	2,640	68.9	99.5
Pediatrics-Anesthesiology	7	85.7	100.0	9	77.8	88.9	8	75.0	87.5	9	100.0	100.0	8	87.5	87.5
Pediatrics-Emergency Med	8	50.0	100.0	10	50.0	90.0	7	100.0	100.0	9	88.9	100.0	9	44.4	100.0
Pediatrics-Medical Genetics	20	70.0	90.0	15	53.3	86.7	14	71.4	100.0	15	80.0	100.0	10	50.0	70.0
Pediatrics-P M & R	3	100.0	100.0	2	100.0	100.0	4	75.0	100.0	1	0.0	100.0	3	66.7	100.0
Pediatrics-Preliminary	19	52.6	73.7	34	67.6	79.4	43	60.5	86.0	36	58.3	83.3	40	60.0	75.0
Pediatrics-Primary	90	40.0	95.6	83	37.3	98.8	79	43.0	100.0	74	35.1	100.0	75	45.3	100.0
Peds/Psych/Child Psych	21	81.0	95.2	21	90.5	100.0	20	90.0	100.0	19	94.7	100.0	19	84.2	94.7
Physical Medicine & Rehab	133	57.1	100.0	119	62.2	99.2	112	61.6	98.2	107	60.7	100.0	96	56.3	100.0
Plastic Surgery (Integrated)	168	92.9	99.4	159	93.1	98.7	152	87.5	99.3	148	91.9	97.3	130	92.3	100.0
Preventive Medicine	1	0.0	100.0	1	0.0	100.0	1	0.0	100.0	0	0.0	0.0	0	0.0	0.0
Psychiatry	1,556	63.1	99.0	1,495	61.7	99.7	1,384	61.4	99.2	1,353	57.2	99.0	1,322	51.8	97.7
Psychiatry-Family Medicine	12	100.0	100.0	10	80.0	100.0	10	90.0	100.0	10	100.0	100.0	10	80.0	100.0
Psychiatry-Neurology	4	75.0	75.0	6	50.0	50.0	3	100.0	100.0	3	0.0	66.7	4	100.0	100.0
Radiation Oncology	16	93.8	93.8	16	100.0	100.0	15	93.3	100.0	17	82.4	88.2	18	100.0	100.0
Radiology-Diagnostic	125	61.6	100.0	121	60.3	99.2	151	61.6	93.4	133	50.4	90.2	137	59.1	88.3
Surgery (Categorical)	1,319	76.2	99.6	1,281	78.5	99.6	1,241	76.4	99.8	1,224	80.0	99.8	1,205	76.5	99.4
Surgery-Preliminary (PGY-1 Only)	1,363	41.6	65.2	1,325	39.4	61.7	1,308	39.1	64.4	1,296	36.7	63.3	1,286	38.1	65.1
Thoracic Surgery	36	86.1	100.0	37	81.1	91.9	38	81.6	97.4	35	80.0	100.0	33	87.9	100.0
Transitional (PGY-1 Only)	1,086	71.1	93.6	908	79.1	96.1	838	80.3	95.0	842	81.4	93.8	868	81.7	96.0
Vascular Surgery	60	83.3	96.7	60	80.0	98.3	56	87.5	100.0	57	84.2	96.5	51	70.6	90.2
<b>TOTAL - PGY-1</b>	<b>30,232</b>	<b>58.7</b>	<b>96.1</b>	<b>28,849</b>	<b>60.6</b>	<b>96.0</b>	<b>27,860</b>	<b>61.2</b>	<b>96.3</b>	<b>27,293</b>	<b>62.0</b>	<b>96.2</b>	<b>26,678</b>	<b>61.5</b>	<b>96.3</b>

**Table 8**

**Positions Offered and Percent Filled by U.S. Seniors and All Applicants, 2014 - 2018 (Continued)**

Specialty	2018			2017			2016			2015			2014		
	Offered	Filled %U.S.	%Tot	Offered	Filled %U.S.	%Tot	Offered	Filled %U.S.	%Tot	Offered	Filled %U.S.	%Tot	Offered	Filled %U.S.	%Tot
<b>PGY-2 Positions</b>															
Anesthesiology	447	55.0	98.9	441	51.9	93.9	481	60.3	91.7	506	62.3	92.7	515	63.5	93.6
Child Neurology	8	37.5	87.5	11	45.5	81.8	18	44.4	88.9	24	29.2	70.8	28	39.3	71.4
Dermatology	426	81.7	98.6	423	81.8	98.1	399	85.5	97.5	385	87.3	99.0	380	87.9	98.4
Interventional Radiology (Integrated)	98	94.9	100.0	95	86.3	95.8	11	100.0	100.0	0	0.0	0.0	0	0.0	0.0
Neurodevelopmental Disabilities	4	50.0	50.0	4	75.0	75.0	5	0.0	0.0	5	20.0	40.0	5	60.0	100.0
Neurology	287	66.2	98.6	294	62.9	96.6	304	66.1	98.0	313	60.7	97.1	320	60.9	96.3
Nuclear Medicine	3	0.0	100.0	4	0.0	100.0	3	0.0	33.3	3	0.0	33.3	4	0.0	50.0
Physical Medicine & Rehab	281	59.1	100.0	294	61.6	100.0	290	52.8	97.6	282	45.0	98.9	287	53.7	100.0
Plastic Surgery	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	6	100.0	100.0
Preventive Medicine	0	0.0	0.0	0	0.0	0.0	2	0.0	100.0	2	0.0	100.0	2	0.0	0.0
Psychiatry	0	0.0	0.0	0	0.0	0.0	1	100.0	100.0	1	0.0	0.0	2	0.0	50.0
Psychiatry-Neurology	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	1	100.0	100.0	0	0.0	0.0
Radiation Oncology	177	91.5	97.2	177	92.7	97.7	168	92.3	99.4	176	93.8	96.6	161	93.8	97.5
Radiology-Diagnostic	944	72.4	99.5	932	71.6	98.4	982	67.3	96.4	999	58.0	86.3	1,008	68.9	94.2
Radiology-Nuclear Med	3	33.3	100.0	2	50.0	100.0	3	66.7	100.0	1	0.0	0.0	1	0.0	0.0
<b>TOTAL - PGY-2</b>	<b>2,678</b>	<b>70.7</b>	<b>99.0</b>	<b>2,677</b>	<b>69.6</b>	<b>97.3</b>	<b>2,667</b>	<b>68.4</b>	<b>96.0</b>	<b>2,698</b>	<b>63.8</b>	<b>92.2</b>	<b>2,719</b>	<b>69.0</b>	<b>95.3</b>
<b>Physician (R) Positions*</b>															
Anesthesiology	140	0.0	85.7	100	0.0	86.0	88	0.0	87.5	95	0.0	77.9	98	0.0	87.8
Child Neurology	26	0.0	46.2	33	0.0	57.6	36	0.0	50.0	26	0.0	53.8	35	0.0	54.3
Dermatology	21	0.0	95.2	14	0.0	92.9	20	0.0	95.0	20	0.0	90.0	14	0.0	78.6
Interventional Radiology (Integrated)	3	0.0	100.0	1	0.0	100.0	1	0.0	100.0	0	0.0	0.0	0	0.0	0.0
Neurodevelopmental Disabilities	7	0.0	28.6	2	0.0	0.0	1	0.0	0.0	2	0.0	50.0	1	0.0	100.0
Neurology	20	0.0	90.0	21	0.0	76.2	23	0.0	73.9	20	0.0	70.0	23	0.0	69.6
Nuclear Medicine	2	0.0	50.0	2	0.0	50.0	2	0.0	100.0	1	0.0	100.0	0	0.0	0.0
Physical Medicine & Rehab	7	0.0	100.0	13	0.0	100.0	12	0.0	100.0	16	0.0	100.0	8	0.0	100.0
Preventive Medicine	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	1	0.0	0.0
Psychiatry	0	0.0	0.0	0	0.0	0.0	1	0.0	100.0	3	0.0	33.3	50	0.0	82.0
Radiation Oncology	1	0.0	100.0	8	0.0	50.0	3	0.0	100.0	7	0.0	42.9	7	0.0	42.9
Radiology-Diagnostic	30	0.0	83.3	37	0.0	83.8	35	0.0	74.3	24	0.0	95.8	31	0.0	77.4
Radiology-Nuclear Med	0	0.0	0.0	0	0.0	0.0	1	0.0	100.0	1	0.0	100.0	0	0.0	0.0
Surgery	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	6	0.0	0.0	5	0.0	20.0
Thoracic Surgery	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	1	0.0	100.0
<b>TOTAL - Physician (R)</b>	<b>257</b>	<b>0.0</b>	<b>81.3</b>	<b>231</b>	<b>0.0</b>	<b>79.7</b>	<b>223</b>	<b>0.0</b>	<b>79.4</b>	<b>221</b>	<b>0.0</b>	<b>75.1</b>	<b>274</b>	<b>0.0</b>	<b>77.0</b>
<b>GRAND TOTAL</b>	<b>33,167</b>	<b>59.2</b>	<b>96.2</b>	<b>31,757</b>	<b>60.9</b>	<b>96.0</b>	<b>30,750</b>	<b>61.4</b>	<b>96.2</b>	<b>30,212</b>	<b>61.7</b>	<b>95.7</b>	<b>29,671</b>	<b>61.6</b>	<b>96.0</b>

\* Physician (R) positions are PGY-2 positions starting in the year of the Match that are reserved for applicants who have had prior graduate medical education. Physician positions are not available to senior medical students. In previous *Results and Data Books*, the numbers of R positions were small and they were included in the categorical position counts. In 2014, NRMP began listing R positions separately.

Table 10

## U.S. Seniors Matched to PGY-1 Positions by Specialty, 2014 - 2018

Specialty	2018		2017		2016		2015		2014	
	No.	%	No.	%	No.	%	No.	%	No.	%
▲ Anesthesiology	861	4.9	803	4.6	774	4.5	799	4.7	754	4.6
▲ Child Neurology	101	0.6	97	0.6	90	0.5	73	0.4	66	0.4
Dermatology	22	0.1	24	0.1	21	0.1	20	0.1	20	0.1
▲ Emergency Medicine	1,606	9.1	1,601	9.2	1,486	8.7	1,438	8.5	1,388	8.5
Emergency Med-Anesthesiology	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Emergency Med-Family Med	3	0.0	2	0.0	2	0.0	1	0.0	4	0.0
▲ Family Medicine	1,628	9.2	1,513	8.7	1,467	8.6	1,405	8.3	1,398	8.5
Family Medicine-ONMM	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Family Med-Preventive Med	3	0.0	5	0.0	1	0.0	5	0.0	3	0.0
Internal Medicine (Categorical)	3,195	18.0	3,245	18.6	3,291	19.3	3,317	19.6	3,167	19.3
Medicine-Anesthesiology	6	0.0	4	0.0	5	0.0	4	0.0	5	0.0
Medicine-Dermatology	5	0.0	6	0.0	6	0.0	6	0.0	6	0.0
Medicine-Emergency Med	22	0.1	21	0.1	24	0.1	23	0.1	24	0.1
Medicine-Family Medicine	2	0.0	2	0.0	2	0.0	1	0.0	3	0.0
Medicine-Medical Genetics	1	0.0	1	0.0	0	0.0	2	0.0	0	0.0
Medicine-Neurology	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Medicine-Pediatrics	306	1.7	291	1.7	329	1.9	319	1.9	284	1.7
Medicine-Preliminary (PGY-1 Only)	1,370	7.7	1,436	8.2	1,415	8.3	1,388	8.2	1,477	9.0
Medicine-Preventive Med	4	0.0	2	0.0	3	0.0	4	0.0	2	0.0
▲ Medicine-Primary	229	1.3	224	1.3	210	1.2	206	1.2	202	1.2
▲ Medicine-Psychiatry	20	0.1	15	0.1	19	0.1	13	0.1	10	0.1
Interventional Radiology (Integrated)	34	0.2	23	0.1	3	0.0	0	0.0	0	0.0
Neurodevelopmental Disabilities	3	0.0	3	0.0	2	0.0	0	0.0	0	0.0
Neurological Surgery	203	1.1	183	1.0	200	1.2	188	1.1	189	1.2
▲ Neurology	280	1.6	249	1.4	236	1.4	222	1.3	192	1.2
▲ Obstetrics-Gynecology	1,051	5.9	1,049	6.0	981	5.8	1,002	5.9	950	5.8
OB/GYN-Preliminary (PGY-1 Only)	6	0.0	6	0.0	4	0.0	3	0.0	4	0.0
Orthopedic Surgery	691	3.9	668	3.8	650	3.8	663	3.9	649	4.0
Osteo Neuromusculoskeletal Med	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Otolaryngology	284	1.6	279	1.6	272	1.6	283	1.7	279	1.7
▼ Pathology	220	1.2	216	1.2	248	1.5	282	1.7	256	1.6
Pediatrics (Categorical)	1,746	9.8	1,849	10.6	1,829	10.7	1,889	11.2	1,818	11.1
Pediatrics-Anesthesiology	6	0.0	7	0.0	6	0.0	9	0.1	7	0.0
Pediatrics-Emergency Med	4	0.0	5	0.0	7	0.0	8	0.0	4	0.0
Pediatrics-Medical Genetics	14	0.1	8	0.0	10	0.1	12	0.1	5	0.0
Pediatrics-P M & R	3	0.0	2	0.0	3	0.0	0	0.0	2	0.0
▼ Pediatrics-Preliminary	10	0.1	23	0.1	26	0.2	21	0.1	24	0.1
Pediatrics-Primary	36	0.2	31	0.2	34	0.2	26	0.2	34	0.2
Peds/Psych/Child Psych	17	0.1	19	0.1	18	0.1	18	0.1	16	0.1
▲ Physical Medicine & Rehab	76	0.4	74	0.4	69	0.4	65	0.4	54	0.3
▲ Plastic Surgery (Integrated)	156	0.9	148	0.8	133	0.8	136	0.8	120	0.7
Preventive Medicine	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
▲ Psychiatry	982	5.5	923	5.3	850	5.0	774	4.6	685	4.2
Psychiatry-Family Medicine	12	0.1	8	0.0	9	0.1	10	0.1	8	0.0
Psychiatry-Neurology	3	0.0	3	0.0	3	0.0	0	0.0	4	0.0
Radiation Oncology	15	0.1	16	0.1	14	0.1	14	0.1	18	0.1
Radiology-Diagnostic	77	0.4	73	0.4	93	0.5	67	0.4	81	0.5
Surgery (Categorical)	1,005	5.7	1,005	5.7	948	5.6	979	5.8	922	5.6
▲ Surgery-Preliminary (PGY-1 Only)	567	3.2	522	3.0	511	3.0	476	2.8	490	3.0
Thoracic Surgery	31	0.2	30	0.2	31	0.2	28	0.2	29	0.2
Transitional (PGY-1 Only)	772	4.4	718	4.1	673	3.9	685	4.0	709	4.3
▲ Vascular Surgery	50	0.3	48	0.3	49	0.3	48	0.3	36	0.2
<b>TOTAL - PGY-1</b>	<b>17,740</b>	<b>100</b>	<b>17,480</b>	<b>100</b>	<b>17,057</b>	<b>100</b>	<b>16,932</b>	<b>100</b>	<b>16,399</b>	<b>100</b>

▲▼ Denotes increase/decrease in matched U.S. allopathic seniors of more than 10 percent and 10 positions between 2014 and 2018.

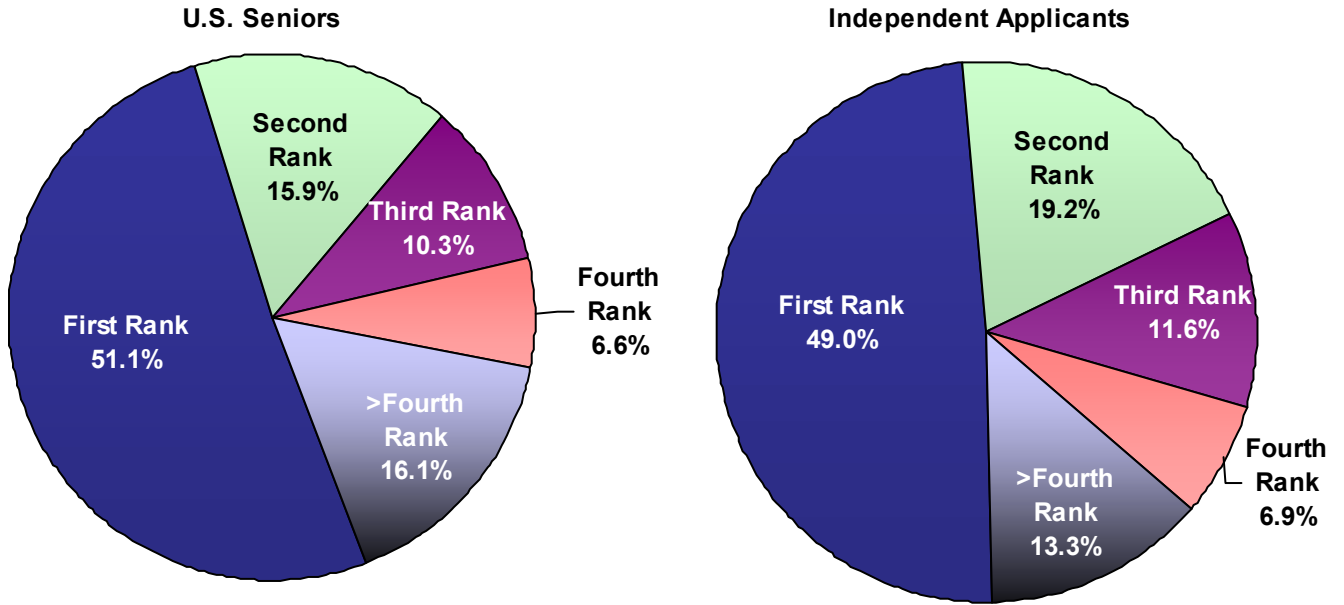
**Table 16** Number of Couples in the Match and Match Outcome, 1987 - 2018

Year	Couples	Individuals	Both Matched	One Matched	Neither Matched	Match Rate %
1987	347	694	316	14	17	93.1
1988	388	776	355	19	14	93.9
1989	421	842	384	21	16	93.7
1990	397	794	356	20	21	92.2
1991	377	754	349	17	11	94.8
1992	461	922	412	20	29	91.5
1993	427	854	384	27	16	93.1
1994	446	892	391	35	20	91.6
1995	499	998	433	33	33	90.1
1996	504	1,008	446	20	38	90.5
1997	535	1,070	479	29	27	92.2
1998	525	1,050	481	27	17	94.2
1999	536	1,072	496	27	13	95.1
2000	508	1,016	475	18	15	95.3
2001	561	1,122	518	25	18	94.6
2002	543	1,086	507	19	17	95.1
2003	570	1,140	529	22	19	94.7
2004	641	1,282	584	36	21	93.9
2005	606	1,212	552	39	15	94.3
2006	610	1,220	552	36	22	93.4
2007	621	1,242	553	36	32	91.9
2008	738	1,476	667	47	24	93.6
2009	788	1,576	706	55	27	93.1
2010	808	1,616	730	50	28	93.4
2011	809	1,618	739	53	17	94.6
2012	878	1,756	804	54	19	94.6
2013	935	1,870	868	44	23	95.2
2014	925	1,850	843	56	26	94.2
2015	1,035	2,070	950	62	23	94.8
2016	1,046	2,092	971	61	14	95.7
2017	1,125	2,250	1,040	66	19	95.4
2018	1,165	2,330	1,082	67	16	95.8

**Figure 7**

Percent of Matches by Choice and Type of Applicant, 2018

**Matched Applicants**



**All Applicants**

