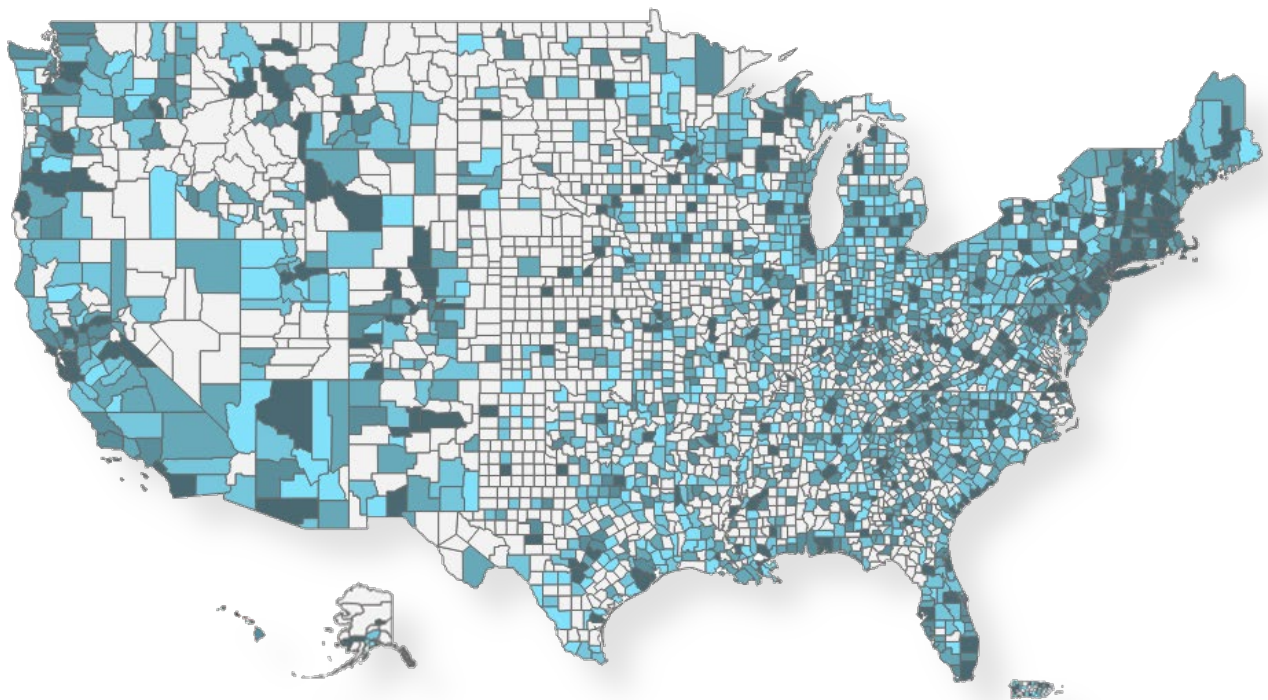




2019–2020

Pediatric Physicians

WORKFORCE DATA BOOK



Founded in 1933, the American Board of Pediatrics®. (ABP) is one of twenty-four physician certifying boards of the American Board of Medical Specialties (ABMS). The ABP is an independent, nonprofit organization whose certificate is recognized throughout the world as a credential signifying a high level of pediatric physician competence.

As a part of the ABP's ongoing operations, data are compiled annually to generate this workforce data book for the benefit of the pediatric community and the public at large. Data are provided only in aggregate and in accordance with the ABP's privacy policy (which, at the time of publication, can be found at <https://www.abp.org/content/privacy-policy>).

The information provided throughout this publication does not imply the expression of any opinion on the part of ABP concerning the workforce needs of any area, state, territory, or country. The authors are responsible for the choice and the presentation of the data and facts contained in this book and for any opinions that may be expressed herein, which are not necessarily those of the ABP.

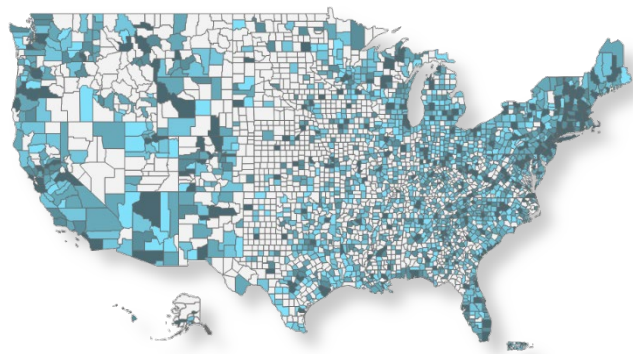


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Cover Image:

The figure on the cover illustrates 2020 County Distribution of US-Based General Pediatricians Ever Certified by the ABP, Age 70 and Under. State distributions are available in several sections of this book. Due to space limitations, county distributions are only available via our [data dashboards](#).



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Foreword

Welcome to the 2019-2020 edition of the *Pediatric Physicians Workforce Data Book*.

Since 1992, the American Board of Pediatrics (ABP) has shared workforce data about pediatric physicians with the larger medical community through the publication of an annual workforce data book. Over the years, this report has evolved to incorporate information across the entire span of a pediatrician's career, from training and certification through Maintenance of Certification (MOC). While we affirm that high-quality pediatric care increasingly relies on teams of professionals with backgrounds in multiple disciplines and specialties, this report builds on the data available to the ABP about pediatric physicians.

Tracking the pediatric physician workforce is essential for understanding its composition, numbers, distribution, and practice patterns, but the purpose of this report is not only to publish numbers. We believe this report provides valuable information to pediatricians, pediatric residency and subspecialty training program directors, hospital administrators, policy makers, researchers, and others interested in ensuring that we have the skilled workforce necessary to meet the health care needs of children, adolescents, young adults, and their families.

With this edition of the workforce data book, we have continued our changes to the content of the information provided for two primary reasons: 1) The ABP is in the process of shifting to online, interactive displays to allow user-driven access to similar data found in this book, and 2) census survey information found in previous versions of this book have been removed to be placed in a second report, which will focus specifically on data collected from those surveys. We welcome your feedback as we seek to continually improve our processes.

Last, the scope and depth of the current *ABP Pediatric Physicians Workforce Data Book, 2019-2020*, would not be possible without the information provided by trainees, program directors, and diplomates. We thank each of you for your commitment to ensuring that every child, adolescent, and young adult, no matter what their background or where they live, has access to quality pediatric care.

Sincerely,

David G. Nichols, MD, MBA
President & CEO
American Board of Pediatrics

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Vice President, Research
American Board of Pediatrics

Acknowledgements

The American Board of Pediatrics (ABP) would like to first express its sincere gratitude to the many program directors, residents, fellows, and practicing pediatricians without whom this workforce book would not be possible.

We also thank staff at the ABP that assisted in data collection, entry, and management and in the production of the *Pediatric Physicians Workforce Data Book, 2019-2020*.

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The ABP Workforce Project Team welcomes questions regarding the data presented in this book, as well as any comments and suggestions you may have for future editions. Please contact us at workforce@abpeds.org.

Executive Summary

The *Pediatric Physicians Workforce Data Book, 2019-2020*, which is an update to the previous 2018-2019 version, examines the growth and distribution of the American Board of Pediatrics (ABP) diplomates (ie, pediatricians who have passed the General Pediatrics [GP] Certifying Examination) in the pediatric workforce.

Using the most current data available, this report includes: 1) counts and distribution of certifications awarded by the ABP and 2) tracking data, including the counts and placement of those in general pediatrics residency programs and fellowship programs. Where possible, this report provides the most current data available for each U.S. state and the District of Columbia (D.C.) in a series of maps and tables, including child population, child to pediatric diplomate ratios, and pediatric diplomate to 100,000 children ratios.

The primary data sources employed in this report are:

- The ABP Certification Management System (CMS).
- Tracking data submitted annually by residency and fellowship program directors and entered into CMS.
- U.S. Census Bureau Population Estimates as of July 1, 2018.

The *Pediatric Physicians Workforce Data Book, 2019-2020* is divided into the four main sections listed below. Please note this is a change from previous versions of this report; the census survey information will be included in a separate report to be published soon.

Section 1. General Information on All Certified Diplomates. Section 1 details the number and distribution of certifications the ABP has awarded to general pediatricians, pediatric subspecialists, and pediatricians certified through joint-board subspecialties since 1934.

Section 2: General Pediatrics Residency Tracking Data. Section 2 presents data from 2004-2018 on the number of residents in Categorical General Pediatrics programs, Medicine-Pediatrics programs, and Combined Pediatric programs.

Section 3: Subspecialty Fellowship Tracking Information. Section 3 similarly provides data from 2004-2018 on the number of fellows in training across the ABP's fourteen pediatric subspecialties. Section 3 provides a high-level comparison of the subspecialties.

Section 4: Individual Subspecialty Information: General Information and Fellowship Tracking Information. Section 4 and its subsections provide a subspecialty-specific view of data presented previously in Sections 1, 2, and 3.



Section 1. General Information on All Certified Diplomates

Section 1. General Information on All Certified Diplomates

Key Findings

- In 2019, there were 3,212 new ABP diplomates certified in General Pediatrics and 2,510 certifications were granted in one of fourteen subspecialties administered by the American Board of Pediatrics (ABP). (Table 1.1)
- Subspecialty certification exams are offered over a 2-year cycle. In 2018-2019, the largest increases in newly certified subspecialists included Neonatal-Perinatal Medicine (2018, 472), Pediatric Cardiology (2018, 281), Pediatric Emergency Medicine (2019, 295), and Pediatric Hematology-Oncology (2019, 334). Pediatric Hospital Medicine was certified for the first time in 2019 with 1,267 diplomates. (Table 1.1)
- The most common dual-subspecialty certification combination as of 2020 is Pediatric Pulmonary and Sleep Medicine (222 diplomates). (Table 1.3)

What does this section include?

Section 1 provides general information on all diplomates ever certified by the American Board of Pediatrics (ABP) dating back to 1934. The tables and figures in this section outline the overall growth in the specialty of general pediatrics and in the pediatric subspecialties, as well as provide a snapshot of U.S. pediatric workforce estimates as of 2020.

Specific information about recent general pediatrics (GP) residency and pediatric subspecialty (SS) fellowship training and workforce characteristics can be found in subsequent sections.

What is helpful to know when reviewing these data?

- To be included in the aggregated data reported in this section, an individual pediatrician must have passed a GP initial certification examination and have become board certified at some time in his/her career.
- The increase in general pediatric certifications awarded in 2012 is due to the time-limited eligibility policy implemented in 2014.
- The ABP is currently unable to access the U.S. Social Security Administration's Death Master File due to changes in federal regulations. Thus, the ABP cannot determine which diplomates have deceased in recent years. To better approximate an estimate of the actual numbers of certified pediatric physicians, a proxy measure has been used to limit the sample for analysis purposes to those ever certified and age 70 and under.
- Clinical activity of the pediatric workforce is a major concern for those examining workforce statistics. Unfortunately, the ABP is unable to fully report on whether individuals are clinically active and thus cannot report on the proportion of full-time equivalent pediatricians. Any data used for workforce estimates should control for rates of clinical inactivity and part-time employment among pediatricians.
- Address information is collected and updated at the different touchpoints as described in the ABP's [Pediatric Physicians Workforce Methodology Summary](#). Please note: it is at the diplomate's discretion whether to provide a mailing address, which can be either a home address or work address. Diplomates may also live and work in different states. Thus, estimates of the number of pediatric physicians per state should be viewed as an approximation.

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Table 1.1. Yearly Count of All Pediatric Diplomates Ever Certified Since January 31, 1934

Certification type (year in parentheses indicates the year the certificate was first offered)	Through 2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total
General Pediatrics (1934)	82,801	2,556	2,688	2,791	2,862	2,820	2,745	2,988	3,612	3,013	3,342	3,180	2,891	3,498	3,545	3,212	128,544
ABP Subspecialties																	
Adolescent Medicine (1994)	469	36	-	-	42	-	32	-	35	-	36	-	42	-	45	-	737
Pediatric Cardiology (1961)	1,870	-	145	-	190	-	220	-	247	-	275	-	271	-	281	-	3,499
Child Abuse Pediatrics (2009)	-	-	-	-	-	191	-	73	-	60	-	28	-	23	-	-	375
Pediatric Critical Care Medicine (1987)	1,287	-	166	-	215	-	213	-	239	-	257	-	316	-	282	-	2,975
Developmental-Behavioral Pediatrics (2002)	427	-	93	-	-	78	-	53	-	69	-	55	-	68	-	61	904
Pediatric Emergency Medicine (1992)	1,291	-	145	-	-	178	-	188	-	244	-	196	-	286	-	295	2,823
Pediatric Endocrinology (1978)	989	66	-	127	-	134	-	145	-	174	-	146	-	155	-	142	2,078
Pediatric Gastroenterology (1990)	785	87	-	118	-	139	-	145	-	195	-	180	-	195	-	202	2,046
Pediatric Hematology-Oncology (1974)	1,884	-	167	-	-	225	-	225	-	279	-	247	-	261	-	334	3,622
Pediatric Hospital Medicine (2019)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,267	1,267
Pediatric Infectious Diseases (1994)	910	82	-	95	-	105	-	114	-	126	-	121	-	114	-	86	1,753
Neonatal-Perinatal Medicine (1975)	4,136	292	-	-	357	-	357	-	410	-	378	-	478	-	472	-	6,880
Pediatric Nephrology (1974)	634	36	-	-	57	-	50	-	66	-	89	-	64	-	78	-	1,074
Pediatric Pulmonology (1986)	767	-	54	-	76	-	110	-	84	-	112	-	98	-	117	-	1,418
Pediatric Rheumatology (1992)	215	-	22	-	-	33	-	42	-	52	-	43	-	50	-	53	510
Joint Board Subspecialties																	
Hospice and Palliative Medicine (2008)	-	-	-	-	47	-	53	-	110	-	24	-	43	-	69	-	346
Medical Toxicology (1994)	30	-	1	-	5	-	4	-	1	-	1	-	2	-	4	-	48
Neurodevelopmental Disabilities (2001)	221	20	-	12	-	2	-	0	-	0	-	-	-	-	-	-	255
Sleep Medicine (2007)	-	-	-	66	-	92	-	58	-	35	-	23	-	39	-	40	353
Sports Medicine (1993)	96	12	12	12	21	11	13	14	13	20	23	27	13	13	14	30	344
Transplant Hepatology (2006)	-	-	41	-	21	-	19	-	8	-	14	-	11	-	23	-	137
All Subspecialties	16,011	631	846	430	1,031	1,188	1,071	1,057	1,213	1,254	1,209	1,066	1,338	1,204	1,385	2,510	33,444

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All ABP diplomates ever certified since 1934 (n=128,544).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: This table may include pediatricians who are deceased, retired, and/or clinically inactive. Dashes indicate years where no examination was administered. All subspecialists must be certified in general pediatrics prior to being certified in a subspecialty; thus, the total number of subspecialists is included in the total number of general pediatricians. The increase in general pediatric certifications awarded in 2012 is most likely due to the implementation of the time-limited eligibility policy. From 2001 to 2007, the Neurodevelopmental Disabilities (NDD) certification was awarded by the ABP and the American Board of Psychiatry and Neurology (ABPN) to their respective diplomates. Since 2007, all first-time applicants have been required to apply directly to the ABPN for NDD certification, but applicants whose examination application had been approved previously (between 2001-2007) by the ABP were still allowed to take the examination through 2013. Since 2014, the NDD certification has been offered only by the ABPN. However, individuals initially certified from 2001 through 2009 in NDD by the ABP may still maintain their certification through the ABP.

Figure 1.1 Yearly Count of General Pediatricians Certified Since 2004 by Gender

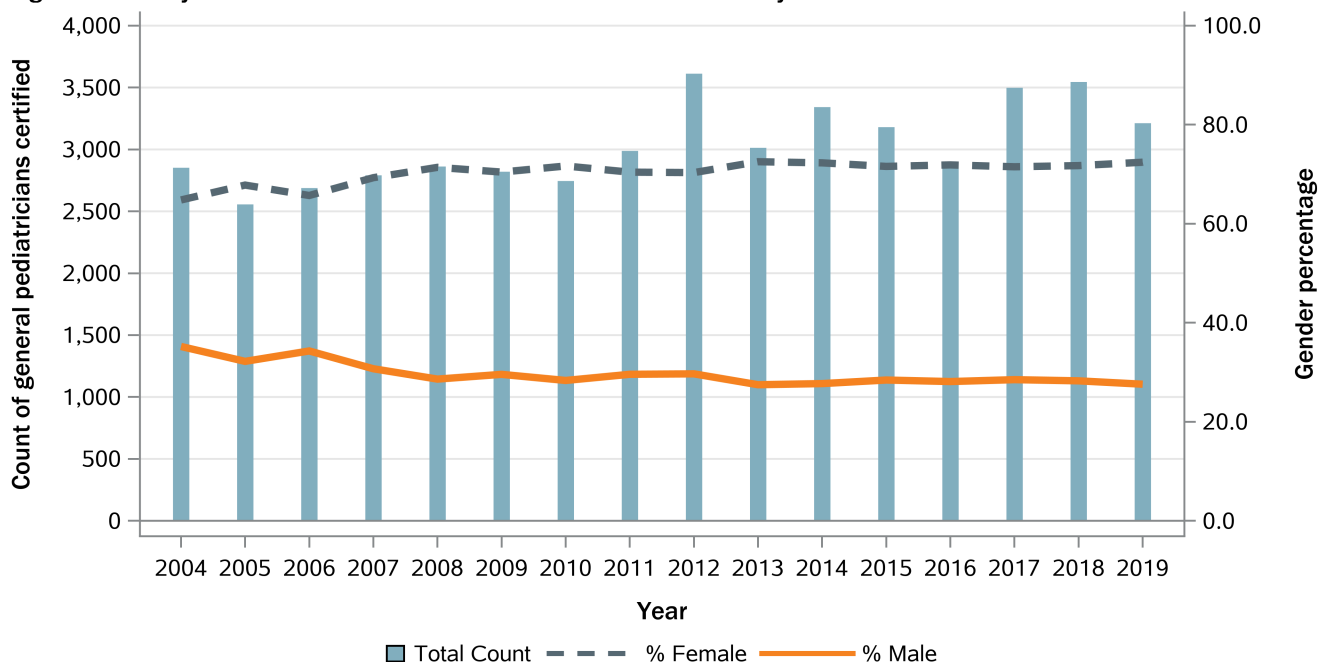


Figure 1.2 Yearly Count of General Pediatricians Certified Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System.

Sample: All ABP diplomates ever certified since 2004 (n=48,595).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: The increase in general pediatric certifications awarded in 2012 is most likely due to the implementation of the time-limited eligibility policy. Detailed information can be found in Tables 1.1 and 1.4.

Figure 1.3 Yearly Count of Pediatric Subspecialists Certified Since 2004 by Gender

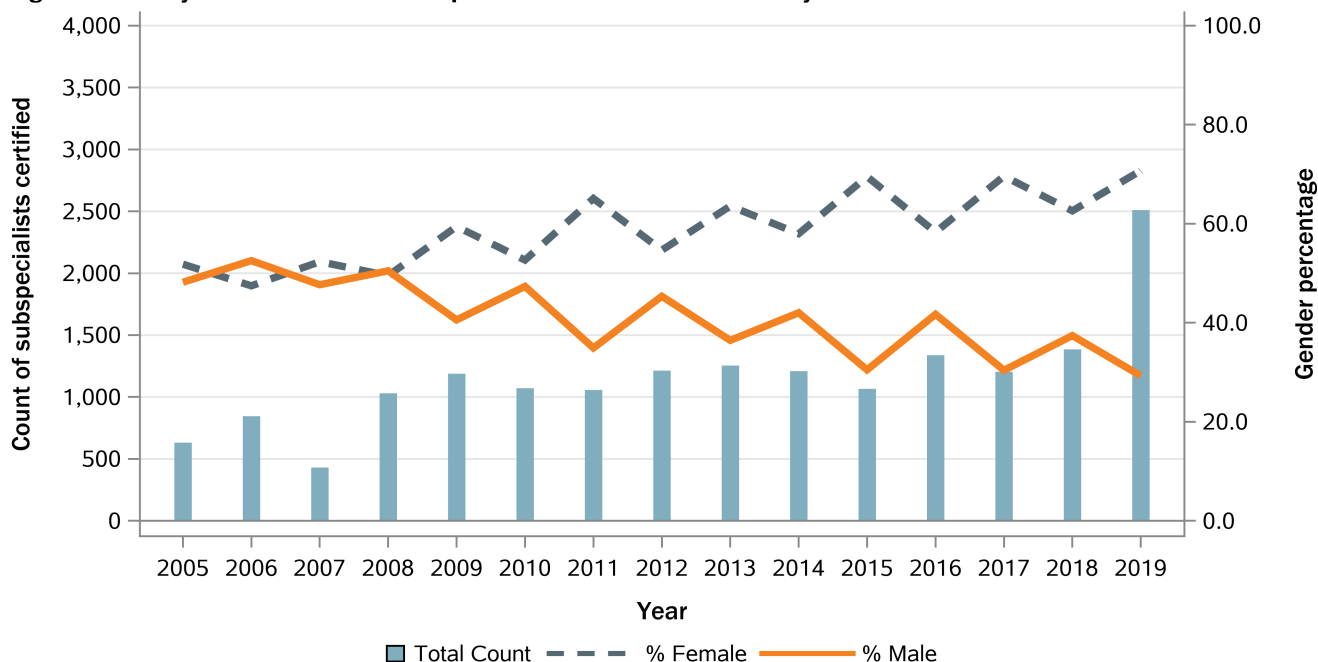
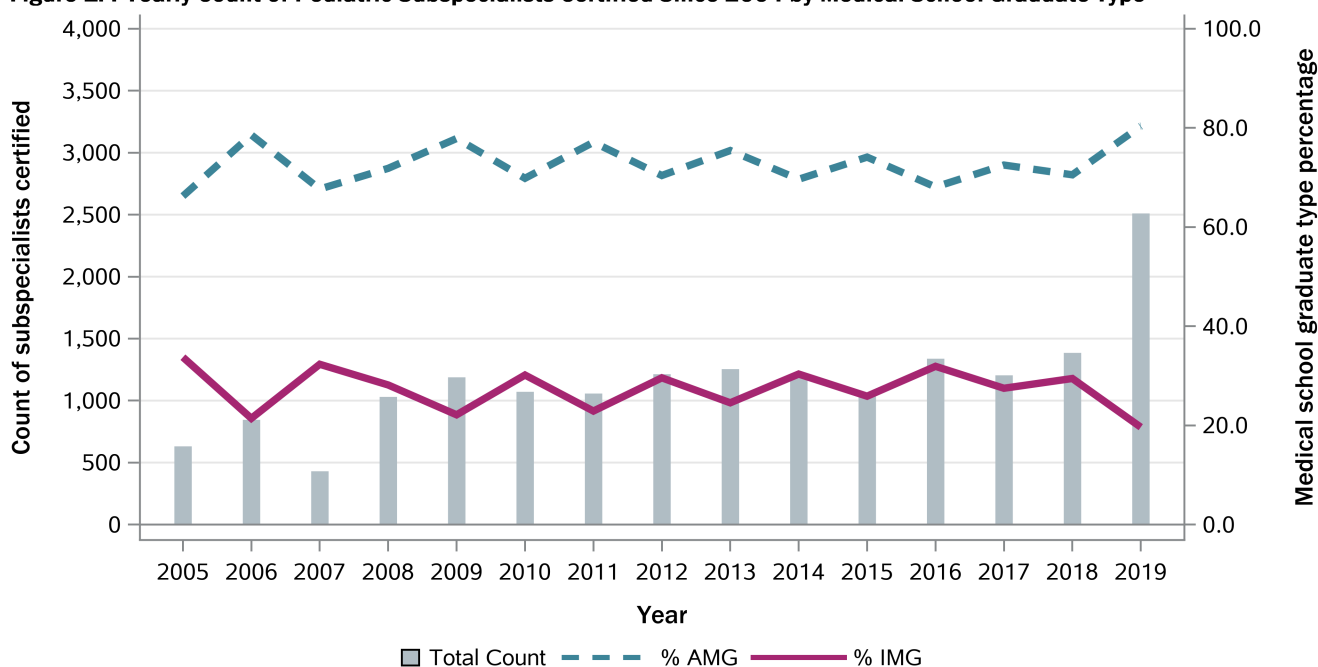


Figure 1.4 Yearly Count of Pediatric Subspecialists Certified Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System.

Sample: All diplomates ever certified in an ABP subspecialty or Joint Board Subspecialty since 2004 (n=17,433).

Response Rate: Not applicable.

Missing Data: Gender and medical school graduate type data were unavailable for 2 (0.01%) subspecialist diplomates certified between 2004 and 2019 and are not included in this figure.

Considerations for Interpretation: The increase in subspecialty certifications awarded in 2019 is due to the first administration of the pediatric hospital medicine certification examination. Detailed information can be found in Tables 1.1 and 1.4.

Table 1.2. All Multi-Certified Pediatric Diplomates Ever Certified

Certification type	General Pediatrics	Adolescent Medicine	Pediatric Cardiology	Child Abuse Pediatrics	Pediatric Critical Care Medicine	Developmental-Behavioral Pediatrics	Pediatric Emergency Medicine	Pediatric Endocrinology	Pediatric Gastroenterology	Pediatric Hematology-Oncology	Pediatric Hospital Medicine	Pediatric Infectious Diseases	Neonatal-Perinatal Medicine	Pediatric Nephrology	Pediatric Pulmonology	Pediatric Rheumatology	Hospice and Palliative Medicine	Medical Toxicology	Neurodevelopmental Disabilities	Sleep Medicine	Sports Medicine	Transplant Hepatology
General Pediatrics	128,544	737	3,499	375	2,975	904	2,823	2,078	2,046	3,622	1,267	1,753	6,880	1,074	1,418	510	346	48	255	353	344	137
Adolescent Medicine	737	-	0	2	0	2	2	5	0	1	1	1	1	0	0	2	1	0	1	1	9	0
Pediatric Cardiology	3,499	0	-	0	145	0	2	0	0	0	2	0	42	0	0	0	0	0	0	1	0	0
Child Abuse Pediatrics	375	2	0	-	2	3	24	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0
Pediatric Critical Care Medicine	2,975	0	145	2	-	0	18	1	2	6	16	13	50	9	68	1	56	2	0	12	0	0
Developmental-Behavioral Pediatrics	904	2	0	3	0	-	0	0	0	0	1	0	10	0	0	0	2	0	85	3	1	0
Pediatric Emergency Medicine	2,823	2	2	24	18	0	-	2	0	3	3	16	2	0	1	0	2	24	0	0	10	0
Pediatric Endocrinology	2,078	5	0	0	1	0	2	-	2	2	1	0	4	5	0	0	0	0	0	0	0	0
Pediatric Gastroenterology	2,046	0	0	0	2	0	0	2	-	0	0	0	3	0	0	0	0	0	1	0	0	137
Pediatric Hematology-Oncology	3,622	1	0	1	6	0	3	2	0	-	3	11	2	0	0	1	71	0	0	0	0	0
Pediatric Hospital Medicine	1,267	1	2	1	16	1	3	1	0	3	-	11	1	4	2	1	4	2	1	1	0	0
Pediatric Infectious Diseases	1,753	1	0	2	13	0	16	0	0	11	11	-	9	0	2	3	0	0	0	1	0	0
Neonatal-Perinatal Medicine	6,880	1	42	1	50	10	2	4	3	2	1	9	-	3	25	0	25	0	2	5	1	0
Pediatric Nephrology	1,074	0	0	0	9	0	0	5	0	0	4	0	3	-	0	2	0	0	0	0	1	0
Pediatric Pulmonology	1,418	0	0	0	68	0	1	0	0	0	2	2	25	0	-	0	1	1	0	230	1	0
Pediatric Rheumatology	510	2	0	0	1	0	0	0	0	1	1	3	0	2	0	-	0	0	0	0	2	0
Hospice and Palliative Medicine	346	1	0	0	56	2	2	0	0	71	4	0	25	0	1	0	-	0	2	0	0	0
Medical Toxicology	48	0	0	0	2	0	24	0	0	0	2	0	0	0	1	0	0	-	0	0	0	0
Neurodevelopmental Disabilities	255	1	0	0	0	85	0	0	1	0	1	0	2	0	0	0	2	0	-	0	1	0
Sleep Medicine	353	1	1	0	12	3	0	0	0	0	1	1	5	0	230	0	0	0	0	-	0	0
Sports Medicine	344	9	0	0	0	1	10	0	0	0	0	0	1	1	1	2	0	0	1	0	-	0
Transplant Hepatology	137	0	0	0	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	-

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All ABP diplomates ever certified since 1934 (n=128,544).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: All ABP diplomates must be certified in General Pediatrics before becoming certified in a subspecialty. Diplomates may become certified in one or more areas and may be represented more than once in this table. Certifications offered solely by other boards are not listed in this table. From 2001 to 2007, the Neurodevelopmental Disabilities (NDD) certification was awarded by the ABP and the American Board of Psychiatry and Neurology (ABPN) to their respective diplomates. Since 2007, all first-time applicants have been required to apply directly to the ABPN for NDD certification, but applicants whose examination application had been approved previously (between 2001-2007) by the ABP were still allowed to take the examination through 2013. Since 2014, initial NDD certification has been offered only by the ABPN. However, individuals initially certified from 2001 through 2009 in NDD by the ABP may still maintain their certification through the ABP.

Table 1.3. All Multi-Certified Pediatric Diplomates Ever Certified, Age 70 and Under

Certification type	General Pediatrics	Adolescent Medicine	Pediatric Cardiology	Child Abuse Pediatrics	Pediatric Critical Care Medicine	Developmental-Behavioral Pediatrics	Pediatric Emergency Medicine	Pediatric Endocrinology	Pediatric Gastroenterology	Pediatric Hematology-Oncology	Pediatric Hospital Medicine	Pediatric Infectious Diseases	Neonatal-Perinatal Medicine	Pediatric Nephrology	Pediatric Pulmonology	Pediatric Rheumatology	Hospice and Palliative Medicine	Medical Toxicology	Neurodevelopmental Disabilities	Sleep Medicine	Sports Medicine	Transplant Hepatology
General Pediatrics	98,850	633	2,785	343	2,835	779	2,721	1,668	1,884	2,933	1,265	1,524	5,433	755	1,246	465	334	43	194	336	327	125
Adolescent Medicine	633	-	0	1	0	1	2	2	0	0	1	0	0	0	0	1	1	0	1	1	9	0
Pediatric Cardiology	2,785	0	-	0	129	0	2	0	0	0	2	0	18	0	0	0	0	0	0	1	0	0
Child Abuse Pediatrics	343	1	0	-	2	3	21	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
Pediatric Critical Care Medicine	2,835	0	129	2	-	0	16	1	1	6	16	10	30	6	48	1	55	2	0	11	0	0
Developmental-Behavioral Pediatrics	779	1	0	3	0	-	0	0	0	0	1	0	7	0	0	0	2	0	70	3	1	0
Pediatric Emergency Medicine	2,721	2	2	21	16	0	-	2	0	1	3	15	0	0	1	0	2	23	0	0	9	0
Pediatric Endocrinology	1,668	2	0	0	1	0	2	-	2	2	1	0	2	1	0	0	0	0	0	0	0	0
Pediatric Gastroenterology	1,884	0	0	0	1	0	0	2	-	0	0	0	3	0	0	0	0	0	1	0	0	125
Pediatric Hematology-Oncology	2,933	0	0	1	6	0	1	2	0	-	3	10	0	0	0	0	68	0	0	0	0	0
Pediatric Hospital Medicine	1,265	1	2	1	16	1	3	1	0	3	-	11	1	4	2	1	4	2	1	1	0	0
Pediatric Infectious Diseases	1,524	0	0	1	10	0	15	0	0	10	11	-	7	0	1	3	0	0	0	1	0	0
Neonatal-Perinatal Medicine	5,433	0	18	1	30	7	0	2	3	0	1	7	-	2	8	0	23	0	2	2	1	0
Pediatric Nephrology	755	0	0	0	6	0	0	1	0	0	4	0	2	-	0	2	0	0	0	0	0	0
Pediatric Pulmonology	1,246	0	0	0	48	0	1	0	0	0	2	1	8	0	-	0	1	1	0	222	1	0
Pediatric Rheumatology	465	1	0	0	1	0	0	0	0	0	1	3	0	2	0	-	0	0	0	0	2	0
Hospice and Palliative Medicine	334	1	0	0	55	2	2	0	0	68	4	0	23	0	1	0	-	0	2	0	0	0
Medical Toxicology	43	0	0	0	2	0	23	0	0	0	2	0	0	0	1	0	0	-	0	0	0	0
Neurodevelopmental Disabilities	194	1	0	0	0	70	0	0	1	0	1	0	2	0	0	0	2	0	-	0	1	0
Sleep Medicine	336	1	1	0	11	3	0	0	0	0	1	1	2	0	222	0	0	0	0	-	0	0
Sports Medicine	327	9	0	0	0	1	9	0	0	0	0	0	1	0	1	2	0	0	1	0	-	0
Transplant Hepatology	125	0	0	0	0	0	0	0	125	0	0	0	0	0	0	0	0	0	0	0	0	-

Source: ABP Certification Management System, data pulled on 3/19/2020.

Sample: All ABP diplomates ever certified, age 70 and under, since 1934 (n=98,850).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 7.8% of diplomates ever certified and are not included in this table.

Considerations for Interpretation: All diplomates must be certified in General Pediatrics before becoming certified in a subspecialty. Diplomates may become certified in one or more areas and may be respresented more than once in this table.

Certifications offered solely by other boards are not listed in this table. From 2001 to 2007, the Neurodevelopmental Disabilities (NDD) certification was awarded by the ABP and the American Board of Psychiatry and Neurology (ABPN) to their respective diplomates. Since 2007, all first-time applicants have been required to apply directly to the ABPN for NDD certification, but applicants whose examination application had been approved previously (between 2001-2007) by the ABP were still allowed to take the examination through 2013. Since 2014, initial NDD certification has been offered only by the ABPN. However, individuals initially certified from 2001 through 2009 in NDD by the ABP may still maintain their certification through the ABP.

Table 1.4. All Pediatric Diplomates Ever Certified, Age 70 and Under: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=9,452)		Time-limited/ no end date (n=71,465)		Lapsed (n=17,716)		Revoked (n=217)		Total (n=98,850)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	851	1.2	0	0.0	0	0.0	851	0.9
31 to 40	0	0.0	25,038	35.0	682	3.8	3	1.4	25,723	26.0
41 to 50	0	0.0	22,905	32.1	4,565	25.8	31	14.3	27,501	27.8
51 to 60	7	0.1	16,588	23.2	7,061	39.9	67	30.9	23,723	24.0
61 to 70	9,445	99.9	6,083	8.5	5,408	30.5	116	53.5	21,052	21.3
Gender										
Female	4,075	43.1	48,574	68.0	9,076	51.2	60	27.6	61,785	62.5
Male	5,377	56.9	22,891	32.0	8,640	48.8	157	72.4	37,065	37.5
Medical school graduate type										
AMG	8,209	86.8	55,604	77.8	12,727	71.8	160	73.7	76,700	77.6
IMG	1,243	13.2	15,861	22.2	4,989	28.2	57	26.3	22,150	22.4

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in General Pediatrics (n=98,850).

Response Rate: Not applicable.

Missing Data: Birth year data are unavailable for approximately 7.8% of diplomates ever certified and these diplomates are not included in this table.

Considerations for Interpretation: Percentages in this table are column percentages. After May 1, 1988, the ABP no longer offered permanent certificates. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time/part-time, or deceased is unavailable.

Table 1.5. US-Based Pediatric Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Diplomates and ratios, general pediatricians only			Diplomates and ratios, including subspecialists		
		Diplomates (n)	Child population per diplomate	Diplomates per 100,000 children	Diplomates (n)	Child population per diplomate	Diplomates per 100,000 children
Alabama	1,089,820	788	1,383.0	72.3	1,035	1,053.0	95.0
Alaska	183,816	154	1,193.6	83.8	193	952.4	105.0
Arizona	1,642,647	1,108	1,482.5	67.5	1,536	1,069.4	93.5
Arkansas	703,180	464	1,515.5	66.0	636	1,105.6	90.4
California	8,989,764	7,904	1,137.4	87.9	10,815	831.2	120.3
Colorado	1,265,232	1,236	1,023.7	97.7	1,776	712.4	140.4
Connecticut	735,193	929	791.4	126.4	1,307	562.5	177.8
Delaware	203,616	209	974.2	102.6	305	667.6	149.8
District of Columbia	127,494	360	354.2	282.4	532	239.7	417.3
Florida	4,229,071	3,438	1,230.1	81.3	4,913	860.8	116.2
Georgia	2,505,531	1,893	1,323.6	75.6	2,548	983.3	101.7
Hawaii	303,413	342	887.2	112.7	466	651.1	153.6
Idaho	446,972	187	2,390.2	41.8	254	1,759.7	56.8
Illinois	2,857,131	2,645	1,080.2	92.6	3,665	779.6	128.3
Indiana	1,568,130	1,118	1,402.6	71.3	1,525	1,028.3	97.2
Iowa	730,767	403	1,813.3	55.1	586	1,247.0	80.2
Kansas	705,961	528	1,337.0	74.8	770	916.8	109.1
Kentucky	1,008,829	871	1,158.2	86.3	1,112	907.2	110.2
Louisiana	1,095,916	894	1,225.9	81.6	1,148	954.6	104.8
Maine	250,404	256	978.1	102.2	362	691.7	144.6
Maryland	1,340,148	1,893	707.9	141.3	2,704	495.6	201.8
Massachusetts	1,366,857	2,265	603.5	165.7	3,358	407.0	245.7
Michigan	2,164,668	1,909	1,133.9	88.2	2,560	845.6	118.3
Minnesota	1,302,615	1,173	1,110.5	90.0	1,652	788.5	126.8
Mississippi	706,138	391	1,806.0	55.4	512	1,379.2	72.5
Missouri	1,376,751	1,217	1,131.3	88.4	1,769	778.3	128.5
Montana	229,434	154	1,489.8	67.1	202	1,135.8	88.0
Nebraska	476,841	340	1,402.5	71.3	473	1,008.1	99.2
Nevada	688,997	316	2,180.4	45.9	459	1,501.1	66.6
New Hampshire	258,170	286	902.7	110.8	362	713.2	140.2
New Jersey	1,953,631	2,269	861.0	116.1	3,184	613.6	163.0
New Mexico	482,153	318	1,516.2	66.0	419	1,150.7	86.9
New York	4,068,092	5,027	809.2	123.6	7,030	578.7	172.8
North Carolina	2,300,622	2,166	1,062.2	94.1	2,944	781.5	128.0
North Dakota	178,697	93	1,921.5	52.0	125	1,429.6	70.0
Ohio	2,593,325	2,714	955.5	104.7	4,005	647.5	154.4
Oklahoma	956,433	483	1,980.2	50.5	654	1,462.4	68.4
Oregon	873,567	807	1,082.5	92.4	1,084	805.9	124.1
Pennsylvania	2,648,911	2,812	942.0	106.2	4,178	634.0	157.7
Rhode Island	205,202	307	668.4	149.6	412	498.1	200.8
South Carolina	1,105,655	898	1,231.2	81.2	1,205	917.6	109.0
South Dakota	217,606	106	2,052.9	48.7	166	1,310.9	76.3
Tennessee	1,506,219	1,441	1,045.3	95.7	2,093	719.6	139.0
Texas	7,398,009	4,979	1,485.8	67.3	7,108	1,040.8	96.1
Utah	932,462	574	1,624.5	61.6	808	1,154.0	86.7
Vermont	115,973	157	738.7	135.4	212	547.0	182.8
Virginia	1,869,737	1,840	1,016.2	98.4	2,508	745.5	134.1
Washington	1,663,283	1,391	1,195.7	83.6	2,014	825.9	121.1
West Virginia	364,160	271	1,343.8	74.4	353	1,031.6	96.9
Wisconsin	1,276,101	1,121	1,138.4	87.8	1,541	828.1	120.8
Wyoming	134,775	60	2,246.3	44.5	62	2,173.8	46.0
Total	73,398,119	65,505	1,120.5	89.2	91,640	800.9	124.9

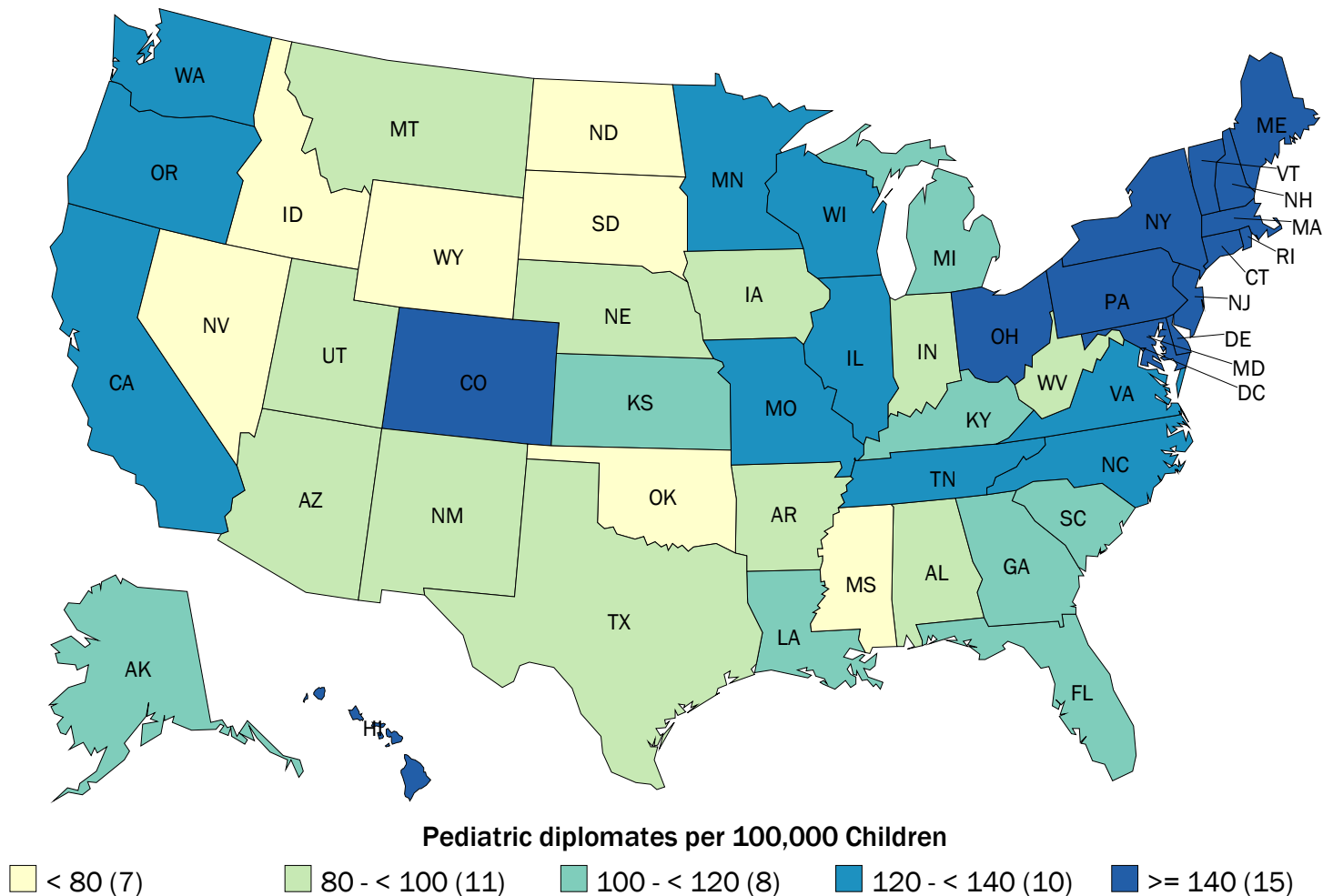
Source: ABP Certification Management System, data pulled on 03/19/2020; and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based diplomates ever certified, age 70 and under, with and without subspecialties (n=91,640) among all diplomates ever certified (n=128,544). Child population estimates include children age 17 and under.

Response rate: Not applicable.

Missing data/considerations for interpretation: Caution should be used when interpreting the estimates provided. Of all diplomates ever certified, 36,904 (28.7%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (19,712, 15.3%), diplomates whose birth year data are unavailable (9,982, 7.8%), diplomates whose address data are unavailable (4,579, 3.6%), and diplomates with an address outside of the 50 US states and the District of Columbia (2,631, 2.0%). State location is determined using the latest mailing address on file. Information is not available concerning how many pediatric diplomates are in clinical practice, working part-time/full-time, and who are deceased. While included in this map, approximately 13.9% of US-based diplomates age 70 and under have lapsed certificates, and 0.1% have had their certifications revoked.

Figure 1.5. Distribution of US-Based General and Subspecialty Pediatric Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



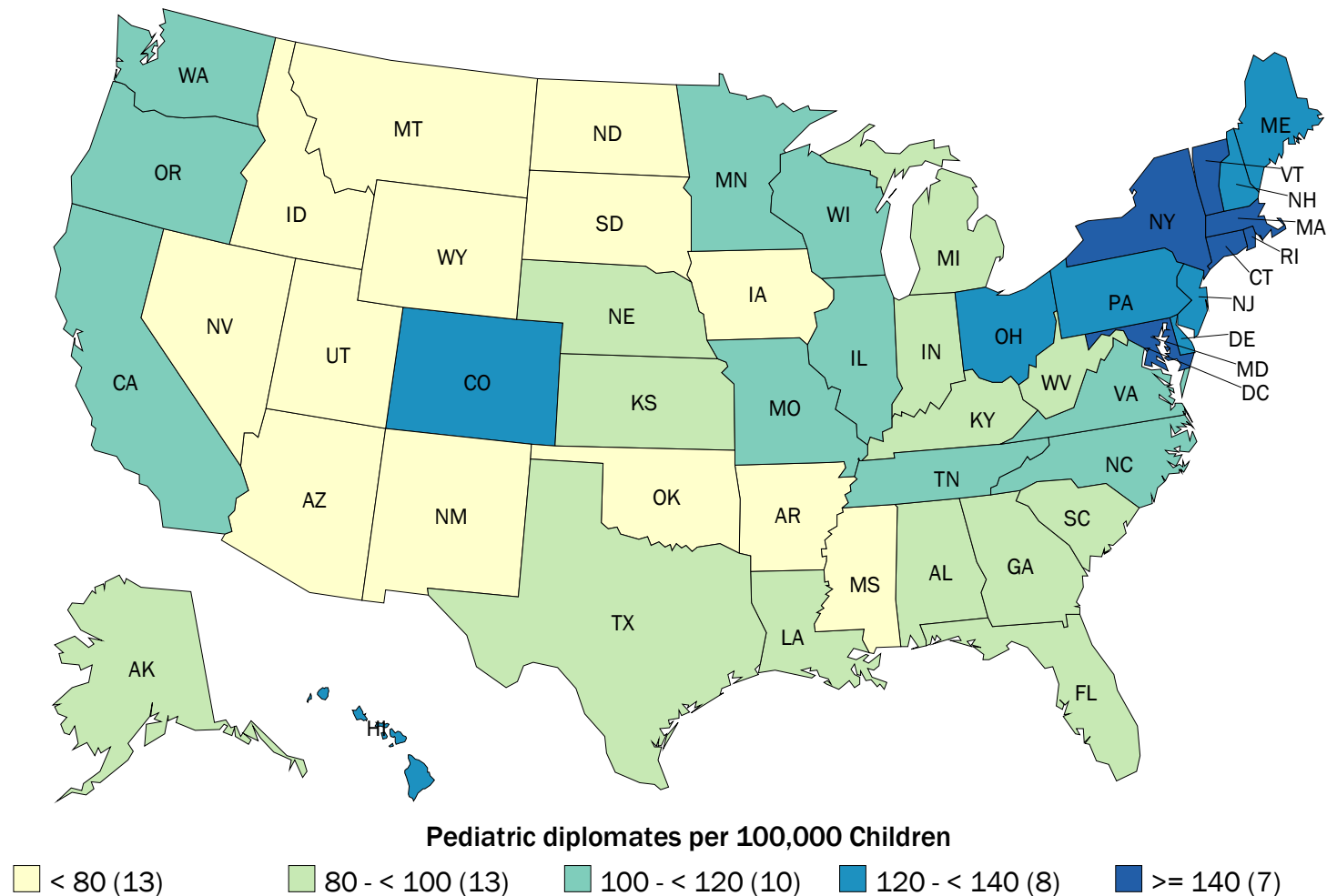
Source: ABP Certification Management System, data pulled on 03/19/2020; and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based diplomates ever certified, age 70 and under, with and without subspecialties (n=91,640) among all diplomates ever certified (n=128,544). Child population estimates include children age 17 and under.

Response rate: Not applicable.

Missing data/considerations for interpretation: Caution should be used when interpreting the estimates provided. Of all diplomates ever certified, 36,904 (28.7%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (19,712, 15.3%), diplomates whose birth year data are unavailable (9,982, 7.8%), diplomates whose address data are unavailable (4,579, 3.6%), and diplomates with an address outside of the 50 US states and the District of Columbia (2,631, 2.0%). State location is determined using the latest mailing address on file. Information is not available concerning how many pediatric diplomates are in clinical practice, working part-time/full-time, and who are deceased. While included in this table, approximately 13.9% of US-based diplomates age 70 and under have lapsed certificates, and 0.1% have had their certifications revoked.

Figure 1.6. Distribution of US-Based General and Subspecialty Pediatric Diplomates Currently Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020; and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based diplomates currently certified, age 70 and under, with and without subspecialties (n=77,792) among all diplomates ever certified (n=128,544). Child population estimates include children age 17 and under.

Response rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all diplomates ever certified, 50,752 (39.5%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (19,712, 15.3%), diplomates whose birth year data are unavailable (9,982, 7.8%), diplomates whose address data are unavailable (1,812, 1.4%), diplomates with an address outside of the 50 US states and the District of Columbia (1,313, 1.0%), and diplomates who are not currently certified (17,933, 14.0%). Those permanently certified are included in this map. State location is determined using the latest mailing address on file. Information is not available concerning how many pediatric diplomates are in clinical practice, working part-time/full-time, and who are deceased.

Table 1.6. US-Based Pediatric Diplomates Currently Certified in General Pediatrics, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Diplomates and ratios, general pediatricians only			Diplomates and ratios, including subspecialists		
		Diplomates (n)	Child population per diplomate	Diplomates per 100,000 children	Diplomates (n)	Child population per diplomate	Diplomates per 100,000 children
Alabama	1,089,820	709	1,537.1	65.1	905	1,204.2	83.0
Alaska	183,816	141	1,303.7	76.7	169	1,087.7	91.9
Arizona	1,642,647	969	1,695.2	59.0	1,293	1,270.4	78.7
Arkansas	703,180	401	1,753.6	57.0	537	1,309.5	76.4
California	8,989,764	6,992	1,285.7	77.8	9,138	983.8	101.6
Colorado	1,265,232	1,125	1,124.7	88.9	1,524	830.2	120.5
Connecticut	735,193	832	883.6	113.2	1,115	659.4	151.7
Delaware	203,616	184	1,106.6	90.4	261	780.1	128.2
District of Columbia	127,494	331	385.2	259.6	471	270.7	369.4
Florida	4,229,071	3,029	1,396.2	71.6	4,140	1,021.5	97.9
Georgia	2,505,531	1,715	1,461.0	68.4	2,199	1,139.4	87.8
Hawaii	303,413	294	1,032.0	96.9	401	756.6	132.2
Idaho	446,972	170	2,629.2	38.0	220	2,031.7	49.2
Illinois	2,857,131	2,408	1,186.5	84.3	3,221	887.0	112.7
Indiana	1,568,130	1,012	1,549.5	64.5	1,327	1,181.7	84.6
Iowa	730,767	371	1,969.7	50.8	507	1,441.4	69.4
Kansas	705,961	462	1,528.1	65.4	658	1,072.9	93.2
Kentucky	1,008,829	737	1,368.8	73.1	930	1,084.8	92.2
Louisiana	1,095,916	753	1,455.4	68.7	951	1,152.4	86.8
Maine	250,404	231	1,084.0	92.3	307	815.6	122.6
Maryland	1,340,148	1,633	820.7	121.9	2,243	597.5	167.4
Massachusetts	1,366,857	2,028	674.0	148.4	2,829	483.2	207.0
Michigan	2,164,668	1,682	1,287.0	77.7	2,164	1,000.3	100.0
Minnesota	1,302,615	1,062	1,226.6	81.5	1,417	919.3	108.8
Mississippi	706,138	324	2,179.4	45.9	420	1,681.3	59.5
Missouri	1,376,751	1,088	1,265.4	79.0	1,534	897.5	111.4
Montana	229,434	136	1,687.0	59.3	168	1,365.7	73.2
Nebraska	476,841	312	1,528.3	65.4	415	1,149.0	87.0
Nevada	688,997	276	2,496.4	40.1	376	1,832.4	54.6
New Hampshire	258,170	256	1,008.5	99.2	320	806.8	123.9
New Jersey	1,953,631	1,940	1,007.0	99.3	2,605	750.0	133.3
New Mexico	482,153	277	1,740.6	57.5	350	1,377.6	72.6
New York	4,068,092	4,365	932.0	107.3	5,849	695.5	143.8
North Carolina	2,300,622	1,934	1,189.6	84.1	2,490	923.9	108.2
North Dakota	178,697	91	1,963.7	50.9	121	1,476.8	67.7
Ohio	2,593,325	2,452	1,057.6	94.6	3,433	755.4	132.4
Oklahoma	956,433	413	2,315.8	43.2	543	1,761.4	56.8
Oregon	873,567	729	1,198.3	83.5	929	940.3	106.3
Pennsylvania	2,648,911	2,542	1,042.1	96.0	3,535	749.3	133.5
Rhode Island	205,202	274	748.9	133.5	352	583.0	171.5
South Carolina	1,105,655	786	1,406.7	71.1	1,008	1,096.9	91.2
South Dakota	217,606	95	2,290.6	43.7	142	1,532.4	65.3
Tennessee	1,506,219	1,274	1,182.3	84.6	1,744	863.7	115.8
Texas	7,398,009	4,472	1,654.3	60.4	6,105	1,211.8	82.5
Utah	932,462	535	1,742.9	57.4	711	1,311.5	76.2
Vermont	115,973	138	840.4	119.0	184	630.3	158.7
Virginia	1,869,737	1,678	1,114.3	89.7	2,197	851.0	117.5
Washington	1,663,283	1,235	1,346.8	74.3	1,693	982.4	101.8
West Virginia	364,160	231	1,576.5	63.4	292	1,247.1	80.2
Wisconsin	1,276,101	1,015	1,257.2	79.5	1,294	986.2	101.4
Wyoming	134,775	53	2,542.9	39.3	55	2,450.5	40.8
Total	73,398,119	58,192	1,261.3	79.3	77,792	943.5	106.0

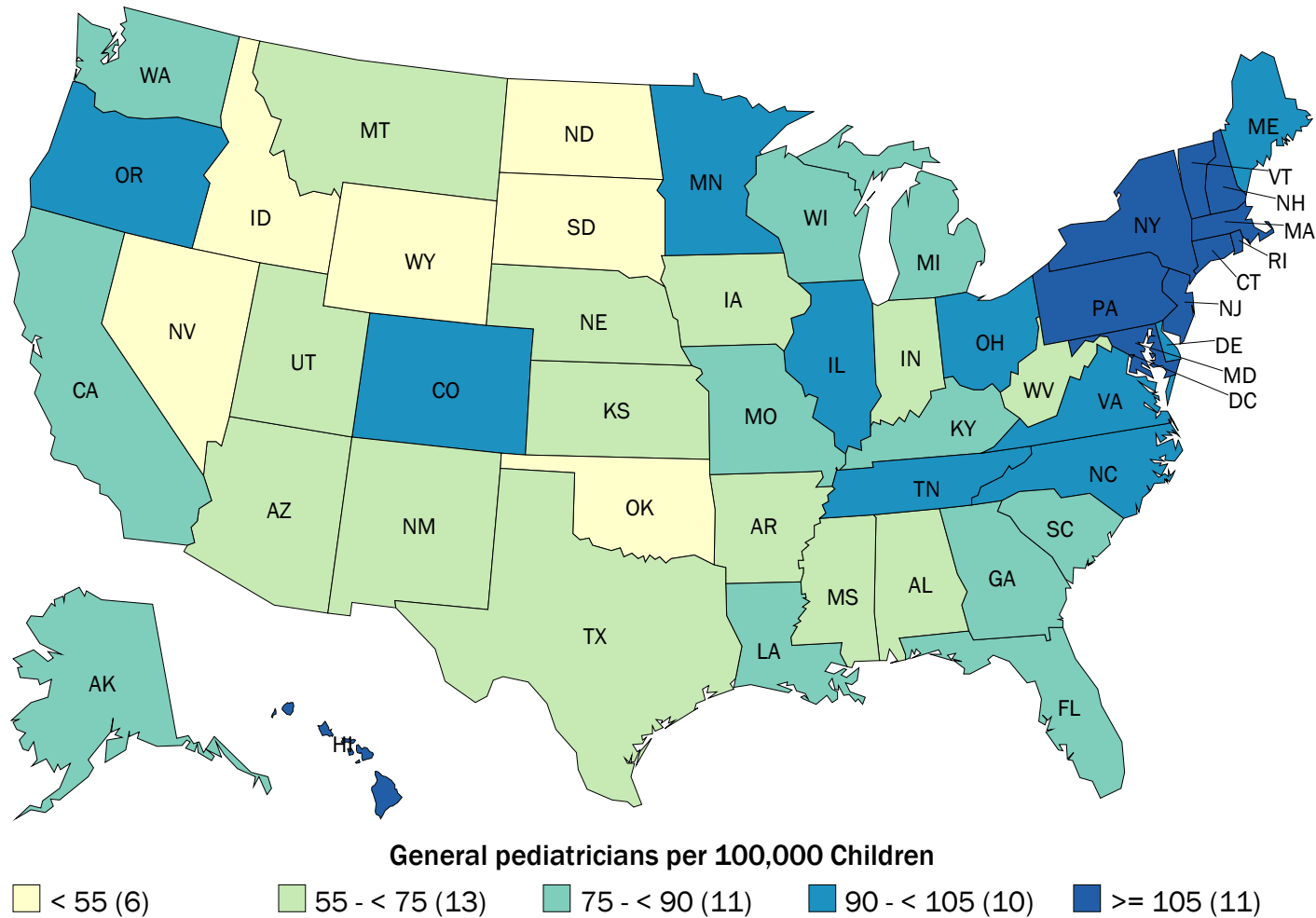
Source: ABP Certification Management System, data pulled on 03/19/2020; and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based diplomates currently certified, age 70 and under, with and without subspecialties (n=77,792) among all diplomates ever certified (n=128,544). Child population estimates include children age 17 and under.

Response rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all diplomates ever certified, 50,752 (39.5%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (19,712, 15.3%), diplomates whose birth year data are unavailable (9,982, 7.8%), diplomates whose address data are unavailable (1,812, 1.4%), diplomates with an address outside of the 50 US states and the District of Columbia (1,313, 1.0%), and diplomates who are not currently certified (17,933, 14.0%). Those permanently certified are included in this table. While not explicitly mentioned above, one had to be currently certified in General Pediatrics to be included here. Therefore, counts of subspecialists may be lower than in other tables or reports. This table is based upon State location which is determined using the latest mailing address on file. Information is not available concerning how many pediatric diplomates are in clinical practice, working part-time/full-time, and who are deceased.

Figure 1.7. Distribution of US-Based General Pediatricians Ever Certified, Age 70 and Under, per 100,000 Children by State



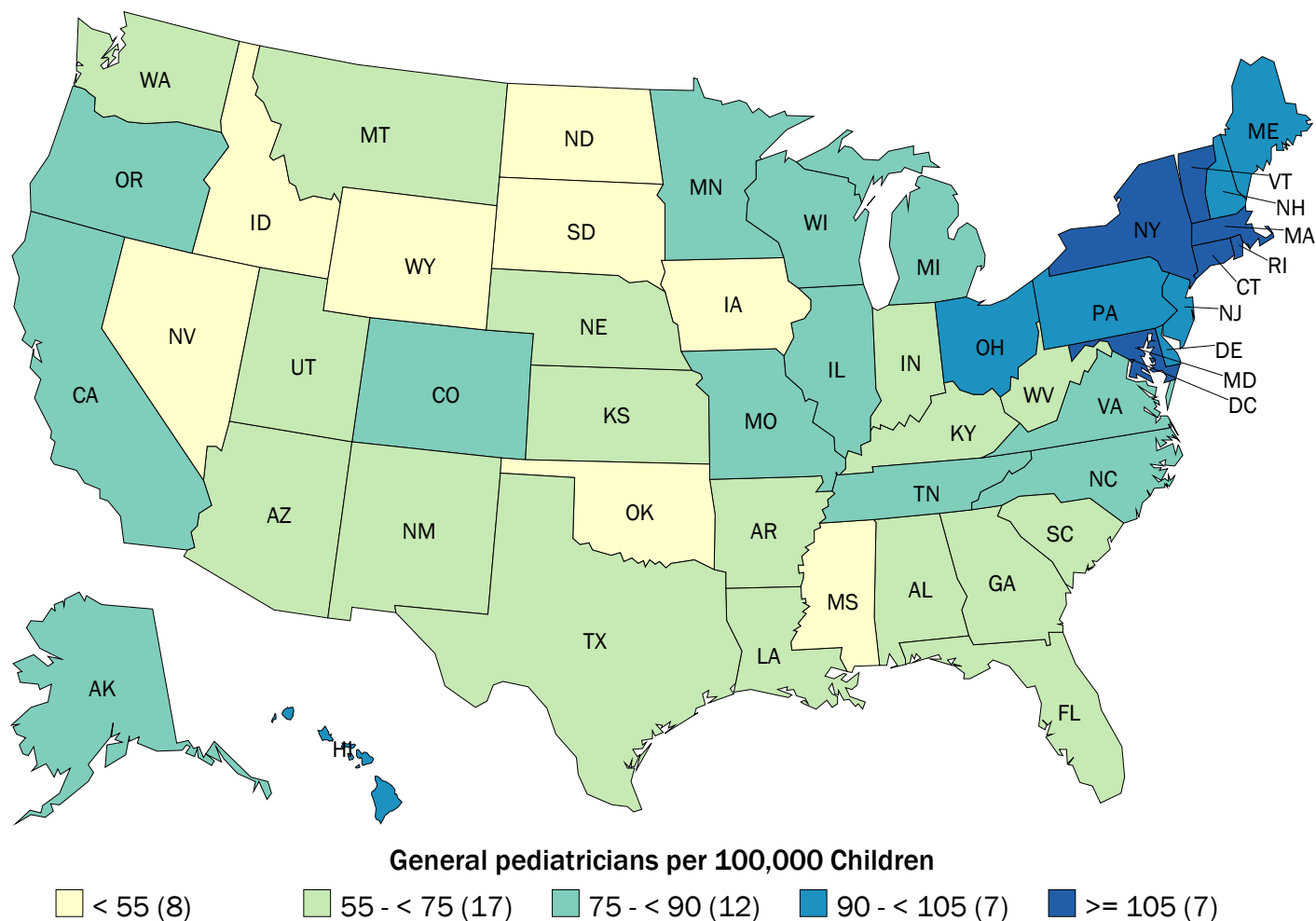
Source: ABP Certification Management System, data pulled on 03/19/2020; and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based general pediatricians ever certified, age 70 and under (n=65,505), among all diplomates ever certified (n=128,544). Child population estimates include children age 17 and under.

Response rate: Not applicable.

Missing data/considerations for interpretation: Caution should be used when interpreting the estimates provided. Of all diplomates ever certified, 63,039 (49.0%) were not included in this map. These include the following unduplicated diplomates: diplomates who hold a certification in one or more subspecialties (26,135, 20.3%), diplomates who are older than 70 years of age (19,712, 15.3%), diplomates whose birth year data are unavailable (9,982, 7.8%), diplomates whose address data are unavailable (4,579, 3.6%), and diplomates with an address outside of the 50 US states and the District of Columbia (2,631, 2.0%). State location is determined using the latest mailing address on file. Information is not available concerning how many pediatric diplomates are in clinical practice, working part-time/full-time, and who are deceased. While included in this table, approximately 5.6% of US-based general pediatricians age 70 and under have lapsed certificates, and 0.07% have had their certifications revoked.

Figure 1.8. Distribution of US-Based General Pediatricians Currently Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled 03/19/2020; and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based general pediatricians ever certified, age 70 and under (n=58,192), among all diplomates ever certified (n=128,544). Child population estimates include children age 17 and under.

Response rate: Not applicable.

Missing data/considerations for interpretation: Caution should be used when interpreting the estimates provided. Of all diplomates ever certified, 70,352 (54.7%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (19,712, 15.3%), diplomates whose birth year data are unavailable (9,982, 7.8%), diplomates whose address data are unavailable (4,579, 3.6%), diplomates with an address outside of the 50 US states and the District of Columbia (2,631, 2.0%), diplomates who hold a certification in one or more subspecialties (26,135, 20.3%), and diplomates who are not currently certified (7,313, 5.7%). State location is determined using the latest mailing address on file. Information is not available concerning how many pediatric diplomates are in clinical practice, working part-time/full-time, and who are deceased.



Section 2. General Pediatrics Residency Tracking Information

Section 2. General Pediatrics Residency Tracking Information

Key Findings

- In 2019, there were 11,078 residents (including levels 1-5) in ACGME-accredited pediatric programs in the United States and Puerto Rico, an increase of 1,747 residents since 2004. (Table 2.1)
- Of the 11,078 residents, 9,063 were in Categorical Pediatrics programs, 1,509 were in Medicine-Pediatrics programs, 259 were in Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways, and 247 were in other combined programs. (Table 2.2, 2.3, 2.4, 2.5)
- In 2019, women comprise over 70% of first-year pediatric residents; international medical graduates account for a little less than 20%. (Table 2.6)

What does this section include?

Section 2 reports on tracking data provided in fall 2019 of the 2019-20 academic year (July through June) by GP residency program directors of training programs accredited by the Accreditation Council for Graduate Medical Education (ACGME) in the United States and Puerto Rico. For comparison purposes, the same data points are provided from 2004 to date. These data are reported for all programs and are also reported separately by the three pediatric residency program types (Categorical Pediatrics, Medicine-Pediatrics, and Other Combined Programs). Additionally, beginning in 2020, we have begun reporting on those in Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways, as they were previously a part of our categorical training groups. Analyses employ demographic variables available to the ABP for all pediatric program types.

For information about the pediatric residency training programs themselves, including accreditation requirements, number of accredited programs by program type, and the variability in size of accredited programs, please see the ACGME website at <http://www.acgme.org>.

What is helpful to know when reviewing these data?

- Data have only been included for ACGME-accredited training programs. Data from Canadian programs accredited by the Royal College of Physician and Surgeons of Canada (RCPSC) reported from 2004 to date were excluded from this edition of the data book. This decision to limit the data presented to ACGME-accredited programs was made for several reasons: 1) to decrease possibilities for data misinterpretation, as Canadian programs differ in their requirements for accreditation, and 2) to improve the accuracy of U.S. workforce projections.
- Because of the variability in the numbers of first-year residents by residency program type, scales for figures that include counts are not equivalent.

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Table 2.1. Yearly Count of Residents in All Pediatric Programs in Training Levels 1-5 Since 2004 by Training Level

Residents per training level								
Year	Level 1	Level 2	Level 3	Level 4	Level 5	Levels 1-3	Levels 4-5	Total
2004	3,169	2,950	2,807	380	25	8,926	405	9,331
2005	3,197	3,037	2,845	363	11	9,079	374	9,453
2006	3,173	3,082	2,917	359	23	9,172	382	9,554
2007	3,222	3,088	2,937	389	23	9,247	412	9,659
2008	3,223	3,123	2,967	373	26	9,313	399	9,712
2009	3,230	3,127	3,000	380	31	9,357	411	9,768
2010	3,276	3,141	3,008	390	24	9,425	414	9,839
2011	3,396	3,194	2,995	364	37	9,585	401	9,986
2012	3,439	3,316	3,072	373	16	9,827	389	10,216
2013	3,433	3,385	3,194	390	19	10,012	409	10,421
2014	3,491	3,363	3,223	393	27	10,077	420	10,497
2015	3,528	3,420	3,216	395	19	10,164	414	10,578
2016	3,574	3,465	3,269	400	35	10,308	435	10,743
2017	3,588	3,526	3,314	401	20	10,428	421	10,849
2018	3,624	3,510	3,372	428	18	10,506	446	10,952
2019	3,695	3,587	3,338	425	33	10,620	458	11,078

Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-5 residents in ACGME-accredited Categorical, Med-Peds, Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways, and Other Combined programs in the US and Puerto Rico since 2004. Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways are only available through levels 1 and 2.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Categorical programs last for 3 years, Med-Peds programs last 4 years, and Other Combined programs typically last 5 years. Levels 4 and 5 may include chief residents. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*.

Table 2.2. Yearly Count of Residents in Categorical Pediatric Programs in Training Levels 1-3 Since 2004 by Training Level

Year	Residents per training level			
	Level 1	Level 2	Level 3	Level 1-3
2004	2,716	2,542	2,441	7,699
2005	2,705	2,573	2,485	7,763
2006	2,700	2,620	2,527	7,847
2007	2,709	2,624	2,559	7,892
2008	2,743	2,642	2,584	7,969
2009	2,740	2,668	2,610	8,018
2010	2,788	2,671	2,638	8,097
2011	2,891	2,714	2,626	8,231
2012	2,929	2,818	2,677	8,424
2013	2,915	2,880	2,802	8,597
2014	2,958	2,854	2,827	8,639
2015	2,978	2,897	2,816	8,691
2016	3,013	2,922	2,869	8,804
2017	3,018	2,973	2,883	8,874
2018	3,048	2,948	2,945	8,941
2019	3,124	3,021	2,918	9,063

Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 residents in ACGME-accredited Categorical programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Categorical programs last 3 years. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*.

Table 2.3. Yearly Count of Residents in Med-Peds Programs in Training Levels 1-4 Since 2004 by Training Level

Year	Residents per training level				
	Level 1	Level 2	Level 3	Level 4	Level 1-4
2004	405	348	341	357	1,451
2005	388	376	335	339	1,438
2006	387	361	363	333	1,444
2007	388	363	346	362	1,459
2008	362	361	350	342	1,415
2009	362	346	354	348	1,410
2010	369	344	342	354	1,409
2011	367	362	332	337	1,398
2012	365	364	356	335	1,420
2013	366	361	357	350	1,434
2014	371	360	359	358	1,448
2015	381	364	357	358	1,460
2016	383	375	356	357	1,471
2017	376	380	376	358	1,490
2018	384	371	378	375	1,508
2019	387	379	366	377	1,509

Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-4 residents in ACGME-accredited Med-Peds programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Med-Peds programs last 4 years. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*.

Table 2.4. Yearly Count of Residents in Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways in Training Levels 1-2 Since 2004 by Training Level

Year	Residents per training level		
	Level 1	Level 2	Level 1-2
2004	15	34	49
2005	69	58	127
2006	50	69	119
2007	83	67	150
2008	87	80	167
2009	87	84	171
2010	80	87	167
2011	99	79	178
2012	107	98	205
2013	107	107	214
2014	115	106	221
2015	115	113	228
2016	123	114	237
2017	136	120	256
2018	134	136	270
2019	128	131	259

Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1 and 2 residents in ACGME-accredited Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways are typically 5 years in length, however the ABP only maintains records for these residents through years 1 and 2. The ABP stops tracking these residents after year 2 when entering their Neurodevelopmental or Neurology training. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*.

Table 2.5. Yearly Count of Residents in Other Combined Programs in Training Levels 1-5 Since 2004 by Training Level

Year	Residents per training level					
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 1-5
2004	33	26	25	23	25	132
2005	35	31	25	24	11	126
2006	36	32	27	26	23	144
2007	42	34	32	27	23	158
2008	31	40	33	31	26	161
2009	41	29	36	32	31	169
2010	39	39	28	36	24	166
2011	39	39	37	27	37	179
2012	38	36	39	38	16	167
2013	45	37	35	40	19	176
2014	47	43	37	35	27	189
2015	54	46	43	37	19	199
2016	55	54	44	43	35	231
2017	58	53	55	43	20	229
2018	58	55	49	53	18	233
2019	56	56	54	48	33	247

Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-5 residents in ACGME-accredited Other Combined programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Other Combined programs typically last 5 years. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*.

Table 2.6(a). Yearly Count of Residents in All Pediatric Programs in Training Levels 1-5 from 2004-2011 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender								Total Residents
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2004	Level 1	2,142	67.6	1,027	32.4	2,396	75.6	773	24.4	1,652	52.1	744	23.5	490	15.5	283	8.9	3,169
	Level 2	1,963	66.5	987	33.5	2,246	76.1	704	23.9	1,542	52.3	704	23.9	421	14.3	283	9.6	2,950
	Level 3	1,900	67.7	907	32.3	2,179	77.6	628	22.4	1,498	53.4	681	24.3	402	14.3	226	8.1	2,807
	Level 4	191	50.3	189	49.7	342	90.0	38	10.0	176	46.3	166	43.7	15	3.9	23	6.1	380
	Level 5	16	64.0	9	36.0	24	96.0	1	4.0	16	64.0	8	32.0	0	0.0	1	4.0	25
	Subtotal	6,212	66.6	3,119	33.4	7,187	77.0	2,144	23.0	4,884	52.3	2,303	24.7	1,328	14.2	816	8.7	9,331
2005	Level 1	2,210	69.1	987	30.9	2,485	77.7	712	22.3	1,752	54.8	733	22.9	458	14.3	254	7.9	3,197
	Level 2	2,065	68.0	972	32.0	2,304	75.9	733	24.1	1,595	52.5	709	23.3	470	15.5	263	8.7	3,037
	Level 3	1,896	66.6	949	33.4	2,168	76.2	677	23.8	1,496	52.6	672	23.6	400	14.1	277	9.7	2,845
	Level 4	198	54.5	165	45.5	319	87.9	44	12.1	179	49.3	140	38.6	19	5.2	25	6.9	363
	Level 5	6	54.5	5	45.5	9	81.8	2	18.2	5	45.5	4	36.4	1	9.1	1	9.1	11
	Subtotal	6,375	67.4	3,078	32.6	7,285	77.1	2,168	22.9	5,027	53.2	2,258	23.9	1,348	14.3	820	8.7	9,453
2006	Level 1	2,232	70.3	941	29.7	2,474	78.0	699	22.0	1,776	56.0	698	22.0	456	14.4	243	7.7	3,173
	Level 2	2,150	69.8	932	30.2	2,409	78.2	673	21.8	1,706	55.4	703	22.8	444	14.4	229	7.4	3,082
	Level 3	1,999	68.5	918	31.5	2,210	75.8	707	24.2	1,538	52.7	672	23.0	461	15.8	246	8.4	2,917
	Level 4	179	49.9	180	50.1	295	82.2	64	17.8	155	43.2	140	39.0	24	6.7	40	11.1	359
	Level 5	16	69.6	7	30.4	22	95.7	1	4.3	15	65.2	7	30.4	1	4.3	0	0.0	23
	Subtotal	6,576	68.8	2,978	31.2	7,410	77.6	2,144	22.4	5,190	54.3	2,220	23.2	1,386	14.5	758	7.9	9,554
2007	Level 1	2,303	71.5	919	28.5	2,483	77.1	739	22.9	1,820	56.5	663	20.6	483	15.0	256	7.9	3,222
	Level 2	2,187	70.8	901	29.2	2,420	78.4	668	21.6	1,747	56.6	673	21.8	440	14.2	228	7.4	3,088
	Level 3	2,054	69.9	883	30.1	2,290	78.0	647	22.0	1,621	55.2	669	22.8	433	14.7	214	7.3	2,937
	Level 4	221	56.8	168	43.2	336	86.4	53	13.6	196	50.4	140	36.0	25	6.4	28	7.2	389
	Level 5	13	56.5	10	43.5	21	91.3	2	8.7	12	52.2	9	39.1	1	4.3	1	4.3	23
	Subtotal	6,778	70.2	2,881	29.8	7,550	78.2	2,109	21.8	5,396	55.9	2,154	22.3	1,382	14.3	727	7.5	9,659
2008	Level 1	2,247	69.7	976	30.3	2,444	75.8	779	24.2	1,785	55.4	659	20.4	462	14.3	317	9.8	3,223
	Level 2	2,249	72.0	874	28.0	2,416	77.4	707	22.6	1,787	57.2	629	20.1	462	14.8	245	7.8	3,123
	Level 3	2,118	71.4	849	28.6	2,331	78.6	636	21.4	1,697	57.2	634	21.4	421	14.2	215	7.2	2,967
	Level 4	196	52.5	177	47.5	327	87.7	46	12.3	177	47.5	150	40.2	19	5.1	27	7.2	373
	Level 5	18	69.2	8	30.8	24	92.3	2	7.7	18	69.2	6	23.1	0	0.0	2	7.7	26
	Subtotal	6,828	70.3	2,884	29.7	7,542	77.7	2,170	22.3	5,464	56.3	2,078	21.4	1,364	14.0	806	8.3	9,712
2009	Level 1	2,307	71.4	923	28.6	2,459	76.1	771	23.9	1,835	56.8	624	19.3	472	14.6	299	9.3	3,230
	Level 2	2,186	69.9	941	30.1	2,380	76.1	747	23.9	1,735	55.5	645	20.6	451	14.4	296	9.5	3,127
	Level 3	2,172	72.4	828	27.6	2,322	77.4	678	22.6	1,732	57.7	590	19.7	440	14.7	238	7.9	3,000
	Level 4	221	58.2	159	41.8	340	89.5	40	10.5	201	52.9	139	36.6	20	5.3	20	5.3	380
	Level 5	18	58.1	13	41.9	30	96.8	1	3.2	17	54.8	13	41.9	1	3.2	0	0.0	31
	Subtotal	6,904	70.7	2,864	29.3	7,531	77.1	2,237	22.9	5,520	56.5	2,011	20.6	1,384	14.2	853	8.7	9,768
2010	Level 1	2,333	71.2	943	28.8	2,532	77.3	744	22.7	1,851	56.5	681	20.8	482	14.7	262	8.0	3,276
	Level 2	2,255	71.8	886	28.2	2,398	76.3	743	23.7	1,804	57.4	594	18.9	451	14.4	292	9.3	3,141
	Level 3	2,107	70.0	901	30.0	2,291	76.2	717	23.8	1,673	55.6	618	20.5	434	14.4	283	9.4	3,008
	Level 4	223	57.2	167	42.8	337	86.4	53	13.6	202	51.8	135	34.6	21	5.4	32	8.2	390
	Level 5	16	66.7	8	33.3	20	83.3	4	16.7	14	58.3	6	25.0	2	8.3	2	8.3	24
	Subtotal	6,934	70.5	2,905	29.5	7,578	77.0	2,261	23.0	5,544	56.3	2,034	20.7	1,390	14.1	871	8.9	9,839
2011	Level 1	2,432	71.6	964	28.4	2,693	79.3	703	20.7	1,963	57.8	730	21.5	469	13.8	234	6.9	3,396
	Level 2	2,285	71.5	909	28.5	2,475	77.5	719	22.5	1,818	56.9	657	20.6	467	14.6	252	7.9	3,194
	Level 3	2,161	72.2	834	27.8	2,280	76.1	715	23.9	1,724	57.6	556	18.6	437	14.6	278	9.3	2,995
	Level 4	203	55.8	161	44.2	302	83.0	62	17.0	177	48.6	125	34.3	26	7.1	36	9.9	364
	Level 5	29	78.4	8	21.6	31	83.8	6	16.2	27	73.0	4	10.8	2	5.4	4	10.8	37
	Subtotal	7,110	71.2	2,876	28.8	7,781	77.9	2,205	22.1	5,709	57.2	2,072	20.7	1,401	14.0	804	8.1	9,986

Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-5 residents in ACGME-accredited Categorical, Med-Peds, and Other Combined programs in the US and Puerto Rico from 2004-2011.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Categorical programs last 3 years, Med-Peds programs last 4 years, and Other Combined programs typically last 5 years. Levels 4 and 5 may include chief residents. For descriptions of pediatric training levels and residency program types, see Key Definitions in the Pediatric Physicians Workforce Methodology Summary.

Table 2.6(b). Yearly Count of Residents in All Pediatric Programs in Training Levels 1-5 from 2012-2020 by Demographics

Year	Training level	Gender				Medical school graduate type				Medical school graduate type by gender								Total residents
		Female		Male		AMG		IMG		AMG/female		AMG/male		IMG/female		IMG/male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2012	Level 1	2,428	70.6	1,011	29.4	2,699	78.5	740	21.5	1,956	56.9	743	21.6	472	13.7	268	7.8	3,439
	Level 2	2,389	72.0	927	28.0	2,639	79.6	677	20.4	1,933	58.3	706	21.3	456	13.8	221	6.7	3,316
	Level 3	2,207	71.8	865	28.2	2,375	77.3	697	22.7	1,750	57.0	625	20.3	457	14.9	240	7.8	3,072
	Level 4	224	60.1	149	39.9	301	80.7	72	19.3	191	51.2	110	29.5	33	8.8	39	10.5	373
	Level 5	11	68.8	5	31.3	14	87.5	2	12.5	10	62.5	4	25.0	1	6.3	1	6.3	16
	Subtotal	7,259	71.1	2,957	28.9	8,028	78.6	2,188	21.4	5,840	57.2	2,188	21.4	1,419	13.9	769	7.5	10,216
2013	Level 1	2,454	71.5	979	28.5	2,767	80.6	666	19.4	2,020	58.8	747	21.8	434	12.6	232	6.8	3,433
	Level 2	2,393	70.7	992	29.3	2,645	78.1	740	21.9	1,922	56.8	723	21.4	471	13.9	269	7.9	3,385
	Level 3	2,301	72.0	893	28.0	2,541	79.6	653	20.4	1,863	58.3	678	21.2	438	13.7	215	6.7	3,194
	Level 4	232	59.5	158	40.5	355	91.0	35	9.0	210	53.8	145	37.2	22	5.6	13	3.3	390
	Level 5	14	73.7	5	26.3	17	89.5	2	10.5	13	68.4	4	21.1	1	5.3	1	5.3	19
	Subtotal	7,394	71.0	3,027	29.0	8,325	79.9	2,096	20.1	6,028	57.8	2,297	22.0	1,366	13.1	730	7.0	10,421
2014	Level 1	2,507	71.8	984	28.2	2,830	81.1	661	18.9	2,052	58.8	778	22.3	455	13.0	206	5.9	3,491
	Level 2	2,397	71.3	966	28.7	2,717	80.8	646	19.2	1,974	58.7	743	22.1	423	12.6	223	6.6	3,363
	Level 3	2,285	70.9	938	29.1	2,514	78.0	709	22.0	1,830	56.8	684	21.2	455	14.1	254	7.9	3,223
	Level 4	239	60.8	154	39.2	361	91.9	32	8.1	215	54.7	146	37.2	24	6.1	8	2.0	393
	Level 5	16	59.3	11	40.7	26	96.3	1	3.7	15	55.6	11	40.7	1	3.7	0	0.0	27
	Subtotal	7,444	70.9	3,053	29.1	8,448	80.5	2,049	19.5	6,086	58.0	2,362	22.5	1,358	12.9	691	6.6	10,497
2015	Level 1	2,493	70.7	1,035	29.3	2,920	82.8	608	17.2	2,084	59.1	836	23.7	409	11.6	199	5.6	3,528
	Level 2	2,461	72.0	959	28.0	2,767	80.9	653	19.1	2,011	58.8	756	22.1	450	13.2	203	5.9	3,420
	Level 3	2,304	71.6	912	28.4	2,592	80.6	624	19.4	1,890	58.8	702	21.8	414	12.9	210	6.5	3,216
	Level 4	227	57.5	168	42.5	349	88.4	46	11.6	205	51.9	144	36.5	22	5.6	24	6.1	395
	Level 5	11	57.9	8	42.1	19	100.0	0	0.0	11	57.9	8	42.1	0	0.0	0	0.0	19
	Subtotal	7,496	70.9	3,082	29.1	8,647	81.7	1,931	18.3	6,201	58.6	2,446	23.1	1,295	12.2	636	6.0	10,578
2016	Level 1	2,530	70.8	1,044	29.2	2,962	82.9	612	17.1	2,129	59.6	833	23.3	401	11.2	211	5.9	3,574
	Level 2	2,457	70.9	1,008	29.1	2,869	82.8	596	17.2	2,055	59.3	814	23.5	402	11.6	194	5.6	3,465
	Level 3	2,355	72.0	914	28.0	2,640	80.8	629	19.2	1,922	58.8	718	22.0	433	13.2	196	6.0	3,269
	Level 4	251	62.8	149	37.3	370	92.5	30	7.5	230	57.5	140	35.0	21	5.3	9	2.3	400
	Level 5	22	62.9	13	37.1	34	97.1	1	2.9	21	60.0	13	37.1	1	2.9	0	0.0	35
	Subtotal	7,615	70.9	3,128	29.1	8,875	82.6	1,868	17.4	6,357	59.2	2,518	23.4	1,258	11.7	610	5.7	10,743
2017	Level 1	2,526	70.4	1,062	29.6	2,950	82.2	638	17.8	2,082	58.0	868	24.2	444	12.4	194	5.4	3,588
	Level 2	2,506	71.1	1,020	28.9	2,917	82.7	609	17.3	2,105	59.7	812	23.0	401	11.4	208	5.9	3,526
	Level 3	2,366	71.4	948	28.6	2,752	83.0	562	17.0	1,987	60.0	765	23.1	379	11.4	183	5.5	3,314
	Level 4	220	54.9	181	45.1	353	88.0	48	12.0	199	49.6	154	38.4	21	5.2	27	6.7	401
	Level 5	14	70.0	6	30.0	17	85.0	3	15.0	12	60.0	5	25.0	2	10.0	1	5.0	20
	Subtotal	7,632	70.3	3,217	29.7	8,989	82.9	1,860	17.1	6,385	58.9	2,604	24.0	1,247	11.5	613	5.7	10,849
2018	Level 1	2,567	70.8	1,057	29.2	2,924	80.7	700	19.3	2,048	56.5	876	24.2	519	14.3	181	5.0	3,624
	Level 2	2,481	70.7	1,029	29.3	2,879	82.0	631	18.0	2,036	58.0	843	24.0	445	12.7	186	5.3	3,510
	Level 3	2,401	71.2	971	28.8	2,789	82.7	583	17.3	2,018	59.8	771	22.9	383	11.4	200	5.9	3,372
	Level 4	259	60.5	169	39.5	402	93.9	26	6.1	245	57.2	157	36.7	14	3.3	12	2.8	428
	Level 5	10	55.6	8	44.4	14	77.8	4	22.2	7	38.9	7	38.9	3	16.7	1	5.6	18
	Subtotal	7,718	70.5	3,234	29.5	9,008	82.2	1,944	17.8	6,354	58.0	2,654	24.2	1,364	12.5	580	5.3	10,952
2019	Level 1	2,619	70.9	1,076	29.1	2,977	80.6	718	19.4	2,102	56.9	875	23.7	517	14.0	201	5.4	3,695
	Level 2	2,555	71.2	1,032	28.8	2,900	80.8	687	19.2	2,044	57.0	856	23.9	511	14.2	176	4.9	3,587
	Level 3	2,377	71.2	961	28.8	2,728	81.7	610	18.3	1,942	58.2	786	23.5	435	13.0	175	5.2	3,338
	Level 4	245	57.6	180	42.4	397	93.4	28	6.6	233	54.8	164	38.6	12	2.8	16	3.8	425
	Level 5	22	66.7	11	33.3	31	93.9	2	6.1	20	60.6	11	33.3	2	6.1	0	0.0	33
	Subtotal	7,818	70.6	3,260	29.4	9,033	81.5	2,045	18.5	6,341	57.2	2,692	24.3	1,477	13.3	568	5.1	11,078

Source: ABP Certification Management System data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-5 residents in ACGME-accredited Categorical Med-Peds and Other Combined programs in the US and Puerto Rico from 2012-2020.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Categorical programs last 3 years, Med-Peds programs last 4 years, and Other Combined programs typically last 5 years. Levels 4 and 5 may include chief residents. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*.

Figure 2.1 Yearly Count of First-Year (Level 1) Residents in All Pediatric Programs in the US and Puerto Rico Since 2004 by Gender

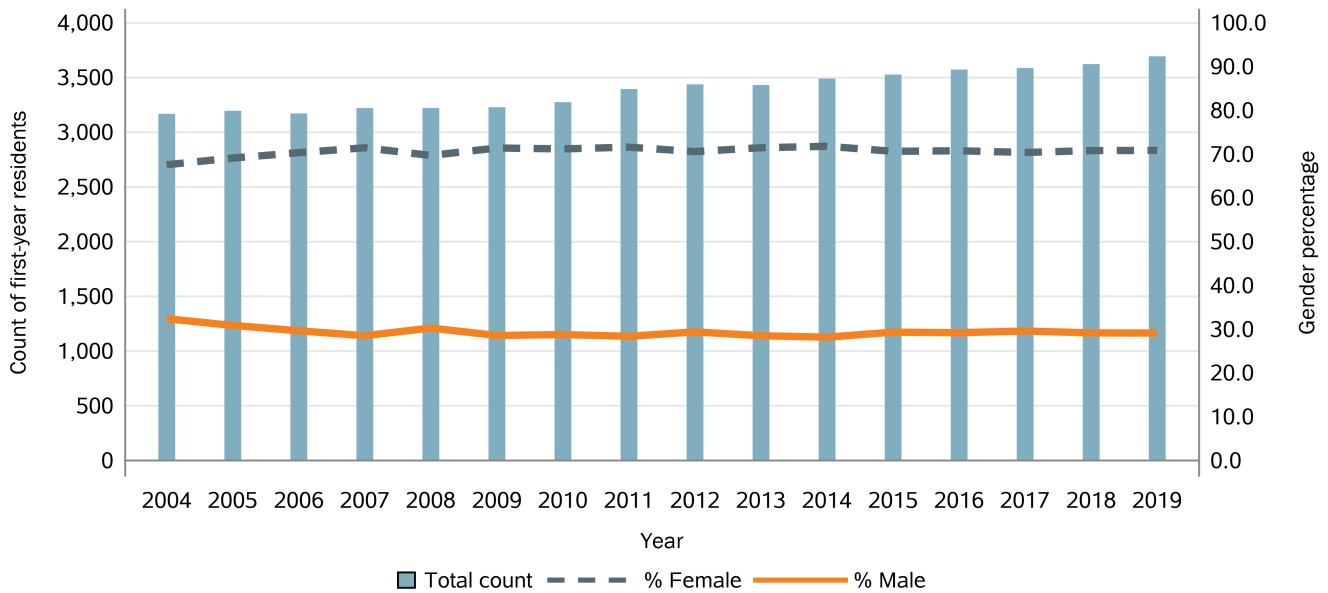
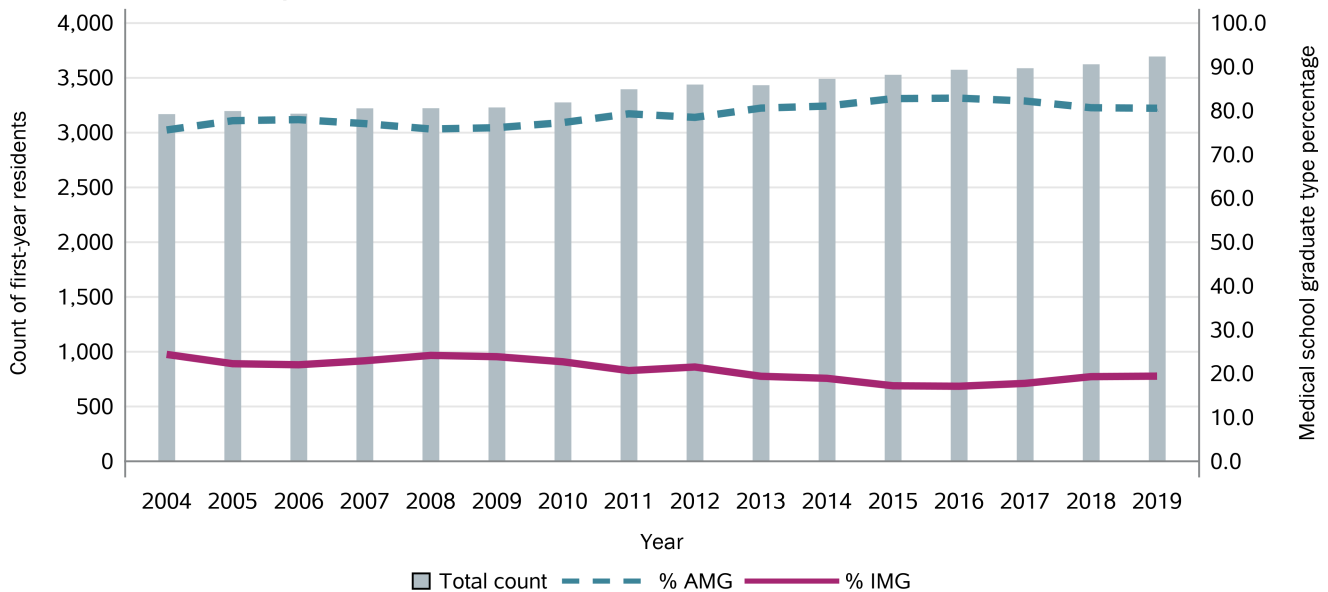


Figure 2.2 Yearly Count of First-Year (Level 1) Residents in All Pediatric Programs in the US and Puerto Rico Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Level 1 residents in ACGME-accredited Categorical, Med-Peds, and Other Combined programs in the US and Puerto-Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency programs vary in length of training. Categorical programs last 3 years, Med-Peds programs last 4 years, and Other Combined programs typically last 5 years. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*. Only level 1 residents are shown for ease of comparison across residency program types. Detailed information can be found in Tables 2.6(a) and 2.6(b).

Table 2.7. Yearly Count of Residents in Categorical Pediatric Programs in Training Levels 1-3 from 2004-2019 by Demographics

Year	Training level	Gender				Medical school graduate type				Medical school graduate type by gender								Total residents
		Female		Male		AMG		IMG		AMG/female		AMG/male		IMG/female		IMG/male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2004	Level 1	1,883	69.3	833	30.7	2,020	74.4	696	25.6	1,430	52.7	590	21.7	453	16.7	243	8.9	2,716
	Level 2	1,762	69.3	780	30.7	1,915	75.3	627	24.7	1,371	53.9	544	21.4	391	15.4	236	9.3	2,542
	Level 3	1,701	69.7	740	30.3	1,858	76.1	583	23.9	1,318	54.0	540	22.1	383	15.7	200	8.2	2,441
	Subtotal	5,346	69.4	2,353	30.6	5,793	75.2	1,906	24.8	4,119	53.5	1,674	21.7	1,227	15.9	679	8.8	7,699
2005	Level 1	1,950	72.1	755	27.9	2,066	76.4	639	23.6	1,517	56.1	549	20.3	433	16.0	206	7.6	2,705
	Level 2	1,800	70.0	773	30.0	1,915	74.4	658	25.6	1,364	53.0	551	21.4	436	16.9	222	8.6	2,573
	Level 3	1,716	69.1	769	30.9	1,874	75.4	611	24.6	1,341	54.0	533	21.4	375	15.1	236	9.5	2,485
	Subtotal	5,466	70.4	2,297	29.6	5,855	75.4	1,908	24.6	4,222	54.4	1,633	21.0	1,244	16.0	664	8.6	7,763
2006	Level 1	1,954	72.4	746	27.6	2,061	76.3	639	23.7	1,530	56.7	531	19.7	424	15.7	215	8.0	2,700
	Level 2	1,905	72.7	715	27.3	2,009	76.7	611	23.3	1,482	56.6	527	20.1	423	16.1	188	7.2	2,620
	Level 3	1,779	70.4	748	29.6	1,875	74.2	652	25.8	1,344	53.2	531	21.0	435	17.2	217	8.6	2,527
	Subtotal	5,638	71.8	2,209	28.2	5,945	75.8	1,902	24.2	4,356	55.5	1,589	20.2	1,282	16.3	620	7.9	7,847
2007	Level 1	2,006	74.0	703	26.0	2,057	75.9	652	24.1	1,566	57.8	491	18.1	440	16.2	212	7.8	2,709
	Level 2	1,911	72.8	713	27.2	2,011	76.6	613	23.4	1,501	57.2	510	19.4	410	15.6	203	7.7	2,624
	Level 3	1,858	72.6	701	27.4	1,959	76.6	600	23.4	1,443	56.4	516	20.2	415	16.2	185	7.2	2,559
	Subtotal	5,775	73.2	2,117	26.8	6,027	76.4	1,865	23.6	4,510	57.1	1,517	19.2	1,265	16.0	600	7.6	7,892
2008	Level 1	1,970	71.8	773	28.2	2,056	75.0	687	25.0	1,552	56.6	504	18.4	418	15.2	269	9.8	2,743
	Level 2	1,965	74.4	677	25.6	2,012	76.2	630	23.8	1,539	58.3	473	17.9	426	16.1	204	7.7	2,642
	Level 3	1,895	73.3	689	26.7	1,987	76.9	597	23.1	1,494	57.8	493	19.1	401	15.5	196	7.6	2,584
	Subtotal	5,830	73.2	2,139	26.8	6,055	76.0	1,914	24.0	4,585	57.5	1,470	18.4	1,245	15.6	669	8.4	7,969
2009	Level 1	2,007	73.2	733	26.8	2,073	75.7	667	24.3	1,590	58.0	483	17.6	417	15.2	250	9.1	2,740
	Level 2	1,922	72.0	746	28.0	2,005	75.1	663	24.9	1,510	56.6	495	18.6	412	15.4	251	9.4	2,668
	Level 3	1,949	74.7	661	25.3	1,986	76.1	624	23.9	1,530	58.6	456	17.5	419	16.1	205	7.9	2,610
	Subtotal	5,878	73.3	2,140	26.7	6,064	75.6	1,954	24.4	4,630	57.7	1,434	17.9	1,248	15.6	706	8.8	8,018
2010	Level 1	2,043	73.3	745	26.7	2,095	75.1	693	24.9	1,585	56.9	510	18.3	458	16.4	235	8.4	2,788
	Level 2	1,967	73.6	704	26.4	2,025	75.8	646	24.2	1,565	58.6	460	17.2	402	15.1	244	9.1	2,671
	Level 3	1,899	72.0	739	28.0	1,985	75.2	653	24.8	1,493	56.6	492	18.7	406	15.4	247	9.4	2,638
	Subtotal	5,909	73.0	2,188	27.0	6,105	75.4	1,992	24.6	4,643	57.3	1,462	18.1	1,266	15.6	726	9.0	8,097
2011	Level 1	2,112	73.1	779	26.9	2,234	77.3	657	22.7	1,675	57.9	559	19.3	437	15.1	220	7.6	2,891
	Level 2	1,996	73.5	718	26.5	2,043	75.3	671	24.7	1,554	57.3	489	18.0	442	16.3	229	8.4	2,714
	Level 3	1,941	73.9	685	26.1	1,983	75.5	643	24.5	1,537	58.5	446	17.0	404	15.4	239	9.1	2,626
	Subtotal	6,049	73.5	2,182	26.5	6,260	76.1	1,971	23.9	4,766	57.9	1,494	18.2	1,283	15.6	688	8.4	8,231
2012	Level 1	2,123	72.5	806	27.5	2,255	77.0	674	23.0	1,686	57.6	569	19.4	437	14.9	237	8.1	2,929
	Level 2	2,074	73.6	744	26.4	2,185	77.5	633	22.5	1,648	58.5	537	19.1	426	15.1	207	7.3	2,818
	Level 3	1,972	73.7	705	26.3	2,016	75.3	661	24.7	1,538	57.5	478	17.9	434	16.2	227	8.5	2,677
	Subtotal	6,169	73.2	2,255	26.8	6,456	76.6	1,968	23.4	4,872	57.8	1,584	18.8	1,297	15.4	671	8.0	8,424
2013	Level 1	2,124	72.9	791	27.1	2,301	78.9	614	21.1	1,720	59.0	581	19.9	404	13.9	210	7.2	2,915
	Level 2	2,092	72.6	788	27.4	2,204	76.5	676	23.5	1,654	57.4	550	19.1	438	15.2	238	8.3	2,880
	Level 3	2,062	73.6	740	26.4	2,180	77.8	622	22.2	1,647	58.8	533	19.0	415	14.8	207	7.4	2,802
	Subtotal	6,278	73.0	2,319	27.0	6,685	77.8	1,912	22.2	5,021	58.4	1,664	19.4	1,257	14.6	655	7.6	8,597
2014	Level 1	2,188	74.0	770	26.0	2,362	79.9	596	20.1	1,766	59.7	596	20.1	422	14.3	174	5.9	2,958
	Level 2	2,072	72.6	782	27.4	2,259	79.2	595	20.8	1,679	58.8	580	20.3	393	13.8	202	7.1	2,854
	Level 3	2,060	72.9	767	27.1	2,165	76.6	662	23.4	1,627	57.6	538	19.0	433	15.3	229	8.1	2,827
	Subtotal	6,320	73.2	2,319	26.8	6,786	78.6	1,853	21.4	5,072	58.7	1,714	19.8	1,248	14.4	605	7.0	8,639
2015	Level 1	2,157	72.4	821	27.6	2,419	81.2	559	18.8	1,779	59.7	640	21.5	378	12.7	181	6.1	2,978
	Level 2	2,150	74.2	747	25.8	2,304	79.5	593	20.5	1,729	59.7	575	19.8	421	14.5	172	5.9	2,897
	Level 3	2,052	72.9	764	27.1	2,223	78.9	593	21.1	1,659	58.9	564	20.0	393	14.0	200	7.1	2,816
	Subtotal	6,359	73.2	2,332	26.8	6,946	79.9	1,745	20.1	5,167	59.5	1,779	20.5	1,192	13.7	553	6.4	8,691
2016	Level 1	2,185	72.5	828	27.5	2,449	81.3	564	18.7	1,812	60.1	637	21.1	373	12.4	191	6.3	3,013
	Level 2	2,124	72.7	798	27.3	2,375	81.3	547	18.7	1,753	60.0	622	21.3	371	12.7	176	6.0	2,922
	Level 3	2,134	74.4	735	25.6	2,287	79.7	582	20.3	1,722	60.0	565	19.7	412	14.4	170	5.9	2,869
	Subtotal	6,443	73.2	2,361	26.8	7,111	80.8	1,693	19.2	5,287	60.1	1,824	20.7	1,156	13.1	537	6.1	8,804
2017	Level 1	2,162	71.6	856	28.4	2,449	81.1	569	18.9	1,757	58.2	692	22.9	405	13.4	164	5.4	3,018
	Level 2	2,167	72.9	806	27.1	2,411	81.1	562	18.9	1,793	60.3	618	20.8	374	12.6	188	6.3	2,973
	Level 3	2,106	73.0	777	27.0	2,348	81.4	535	18.6	1,742	60.4	606	21.0	364	12.6	171	5.9	2,883
	Subtotal	6,435	72.5	2,439	27.5	7,208	81.2	1,666	18.8	5,292	59.6	1,916	21.6	1,143	12.9	523	5.9	8,874
2018	Level 1	2,209	72.5	839	27.5	2,396	78.6	652	21.4	1,724	56.6	672	22.0	485	15.9	167	5.5	3,048
	Level 2	2,120	71.9	828	28.1	2,385	80.9	563	19.1	1,714	58.1	671	22.8	406	13.8	157	5.3	2,948
	Level 3	2,155	73.2	790	26.8	2,391	81.2	554	18.8	1,785	60.6	606	20.6	370	12.6	184	6.2	2,945
	Subtotal	6,484	72.5	2,457	27.5	7,172	80.2	1,769	19.8	5,223	58.4	1,949	21.8	1,261	14.1	508	5.7	8,941
2019	Level 1	2,265	72.5	859	27.5	2,469	79.0	655	21.0	1,789	57.3	680	21.8	476	15.2	179	5.7	3,124
	Level 2	2,199	72.8	822	27.2	2,381	78.8	640	21.2	1,721	57.0	660	21.8	478	15.8	162		

Figure 2.3 Yearly Count of First-Year (Level 1) Residents in Categorical Pediatric Programs in the US and Puerto Rico Since 2004 by Gender

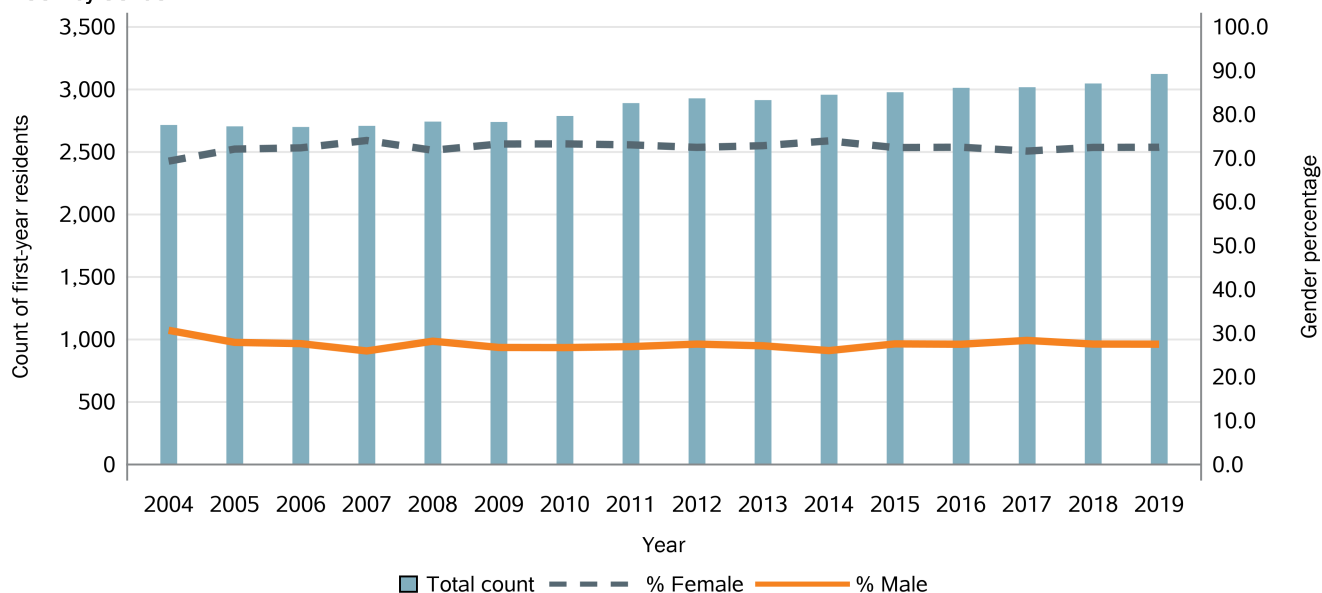
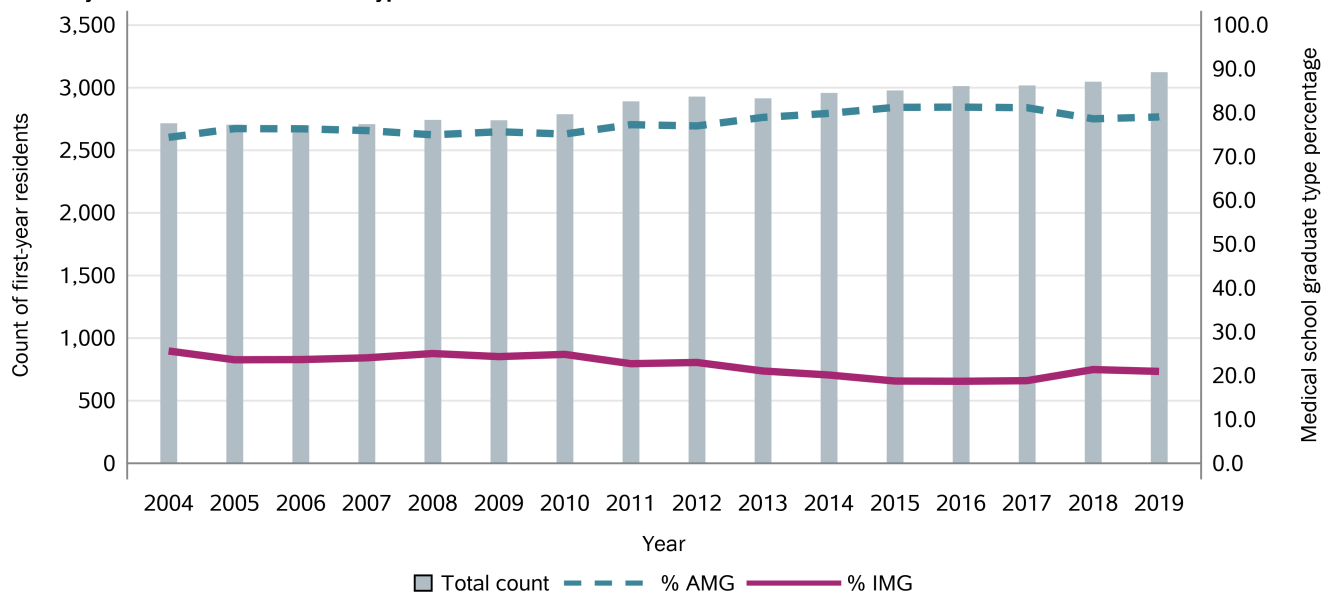


Figure 2.4 Yearly Count of First-Year (Level 1) Residents in Categorical Pediatric Programs in the US and Puerto Rico Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Level 1 residents in ACGME-accredited Categorical Pediatric programs in the US and Puerto-Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency programs vary in length of training. Categorical programs last 3 years. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*. Only level 1 residents are shown for ease of comparison across residency program types. Detailed information can be found in Table 2.7.

Table 2.8(a). Yearly Count of Residents in Med-Peds Programs in Training Levels 1-4 from 2004-2011 by Demographics

Year	Training level	Gender				Medical school graduate type				Medical school graduate type by gender								Total residents
		Female		Male		AMG		IMG		AMG/female		AMG/male		IMG/female		IMG/male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2004	Level 1	230	56.8	175	43.2	338	83.5	67	16.5	196	48.4	142	35.1	34	8.4	33	8.1	405
	Level 2	170	48.9	178	51.1	281	80.7	67	19.3	144	41.4	137	39.4	26	7.5	41	11.8	348
	Level 3	182	53.4	159	46.6	297	87.1	44	12.9	164	48.1	133	39.0	18	5.3	26	7.6	341
	Level 4	178	49.9	179	50.1	321	89.9	36	10.1	164	45.9	157	44.0	14	3.9	22	6.2	357
	Subtotal	760	52.4	691	47.6	1,237	85.3	214	14.7	668	46.0	569	39.2	92	6.3	122	8.4	1,451
2005	Level 1	197	50.8	191	49.2	324	83.5	64	16.5	175	45.1	149	38.4	22	5.7	42	10.8	388
	Level 2	211	56.1	165	43.9	321	85.4	55	14.6	184	48.9	137	36.4	27	7.2	28	7.4	376
	Level 3	166	49.6	169	50.4	272	81.2	63	18.8	142	42.4	130	38.8	24	7.2	39	11.6	335
	Level 4	181	53.4	158	46.6	296	87.3	43	12.7	163	48.1	133	39.2	18	5.3	25	7.4	339
	Subtotal	755	52.5	683	47.5	1,213	84.4	225	15.6	664	46.2	549	38.2	91	6.3	134	9.3	1,438
2006	Level 1	219	56.6	168	43.4	338	87.3	49	12.7	194	50.1	144	37.2	25	6.5	24	6.2	387
	Level 2	183	50.7	178	49.3	308	85.3	53	14.7	165	45.7	143	39.6	18	5.0	35	9.7	361
	Level 3	201	55.4	162	44.6	310	85.4	53	14.6	175	48.2	135	37.2	26	7.2	27	7.4	363
	Level 4	165	49.5	168	50.5	272	81.7	61	18.3	142	42.6	130	39.0	23	6.9	38	11.4	333
	Subtotal	768	53.2	676	46.8	1,228	85.0	216	15.0	676	46.8	552	38.2	92	6.4	124	8.6	1,444
2007	Level 1	214	55.2	174	44.8	329	84.8	59	15.2	187	48.2	142	36.6	27	7.0	32	8.2	388
	Level 2	210	57.9	153	42.1	322	88.7	41	11.3	187	51.5	135	37.2	23	6.3	18	5.0	363
	Level 3	177	51.2	169	48.8	300	86.7	46	13.3	160	46.2	140	40.5	17	4.9	29	8.4	346
	Level 4	202	55.8	160	44.2	311	85.9	51	14.1	177	48.9	134	37.0	25	6.9	26	7.2	362
	Subtotal	803	55.0	656	45.0	1,262	86.5	197	13.5	711	48.7	551	37.8	92	6.3	105	7.2	1,459
2008	Level 1	201	55.5	161	44.5	291	80.4	71	19.6	168	46.4	123	34.0	33	9.1	38	10.5	362
	Level 2	201	55.7	160	44.3	310	85.9	51	14.1	180	49.9	130	36.0	21	5.8	30	8.3	361
	Level 3	203	58.0	147	42.0	315	90.0	35	10.0	185	52.9	130	37.1	18	5.1	17	4.9	350
	Level 4	178	52.0	164	48.0	297	86.8	45	13.2	160	46.8	137	40.1	18	5.3	27	7.9	342
	Subtotal	783	55.3	632	44.7	1,213	85.7	202	14.3	693	49.0	520	36.7	90	6.4	112	7.9	1,415
2009	Level 1	214	59.1	148	40.9	281	77.6	81	22.4	174	48.1	107	29.6	40	11.0	41	11.3	362
	Level 2	192	55.5	154	44.5	283	81.8	63	18.2	164	47.4	119	34.4	28	8.1	35	10.1	346
	Level 3	195	55.1	159	44.9	306	86.4	48	13.6	176	49.7	130	36.7	19	5.4	29	8.2	354
	Level 4	202	58.0	146	42.0	312	89.7	36	10.3	184	52.9	128	36.8	18	5.2	18	5.2	348
	Subtotal	803	57.0	607	43.0	1,182	83.8	228	16.2	698	49.5	484	34.3	105	7.4	123	8.7	1,410
2010	Level 1	211	57.2	158	42.8	331	89.7	38	10.3	191	51.8	140	37.9	20	5.4	18	4.9	369
	Level 2	203	59.0	141	41.0	270	78.5	74	21.5	169	49.1	101	29.4	34	9.9	40	11.6	344
	Level 3	190	55.6	152	44.4	281	82.2	61	17.8	163	47.7	118	34.5	27	7.9	34	9.9	342
	Level 4	195	55.1	159	44.9	307	86.7	47	13.3	176	49.7	131	37.0	19	5.4	28	7.9	354
	Subtotal	799	56.7	610	43.3	1,189	84.4	220	15.6	699	49.6	490	34.8	100	7.1	120	8.5	1,409
2011	Level 1	221	60.2	146	39.8	339	92.4	28	7.6	201	54.8	138	37.6	20	5.4	8	2.2	367
	Level 2	210	58.0	152	42.0	326	90.1	36	9.9	189	52.2	137	37.8	21	5.8	15	4.1	362
	Level 3	193	58.1	139	41.9	265	79.8	67	20.2	164	49.4	101	30.4	29	8.7	38	11.4	332
	Level 4	186	55.2	151	44.8	278	82.5	59	17.5	161	47.8	117	34.7	25	7.4	34	10.1	337
	Subtotal	810	57.9	588	42.1	1,208	86.4	190	13.6	715	51.1	493	35.3	95	6.8	95	6.8	1,398

Source: ABP Certification Management System data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-4 residents in ACGME-accredited Med-Peds programs in the US and Puerto Rico from 2004-2011.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Med-Peds programs last 4 years. For descriptions of pediatric training levels and residency program types see Key Definitions in the *Pediatric Physicians Workforce Methodology Summary*.

Table 2.8(b). Yearly Count of Residents in Med-Peds Programs in Training Levels 1-4 from 2012-2019 by Demographics

Year	Training level	Gender				Medical school graduate type				Medical school graduate type by gender								Total residents
		Female		Male		AMG		IMG		AMG/female		AMG/male		IMG/female		IMG/male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2012	Level 1	207	56.7	158	43.3	318	87.1	47	12.9	184	50.4	134	36.7	23	6.3	24	6.6	365
	Level 2	219	60.2	145	39.8	337	92.6	27	7.4	200	54.9	137	37.6	19	5.2	8	2.2	364
	Level 3	208	58.4	148	41.6	321	90.2	35	9.8	186	52.2	135	37.9	22	6.2	13	3.7	356
	Level 4	196	58.5	139	41.5	268	80.0	67	20.0	167	49.9	101	30.1	29	8.7	38	11.3	335
	Subtotal	830	58.5	590	41.5	1,244	87.6	176	12.4	737	51.9	507	35.7	93	6.5	83	5.8	1,420
2013	Level 1	228	62.3	138	37.7	338	92.3	28	7.7	210	57.4	128	35.0	18	4.9	10	2.7	366
	Level 2	204	56.5	157	43.5	316	87.5	45	12.5	183	50.7	133	36.8	21	5.8	24	6.6	361
	Level 3	215	60.2	142	39.8	330	92.4	27	7.6	196	54.9	134	37.5	19	5.3	8	2.2	357
	Level 4	204	58.3	146	41.7	316	90.3	34	9.7	183	52.3	133	38.0	21	6.0	13	3.7	350
	Subtotal	851	59.3	583	40.7	1,300	90.7	134	9.3	772	53.8	528	36.8	79	5.5	55	3.8	1,434
2014	Level 1	204	55.0	167	45.0	330	88.9	41	11.1	186	50.1	144	38.8	18	4.9	23	6.2	371
	Level 2	224	62.2	136	37.8	332	92.2	28	7.8	206	57.2	126	35.0	18	5.0	10	2.8	360
	Level 3	203	56.5	156	43.5	315	87.7	44	12.3	183	51.0	132	36.8	20	5.6	24	6.7	359
	Level 4	215	60.1	143	39.9	330	92.2	28	7.8	195	54.5	135	37.7	20	5.6	8	2.2	358
	Subtotal	846	58.4	602	41.6	1,307	90.3	141	9.7	770	53.2	537	37.1	76	5.2	65	4.5	1,448
2015	Level 1	225	59.1	156	40.9	356	93.4	25	6.6	212	55.6	144	37.8	13	3.4	12	3.1	381
	Level 2	200	54.9	164	45.1	325	89.3	39	10.7	183	50.3	142	39.0	17	4.7	22	6.0	364
	Level 3	221	61.9	136	38.1	330	92.4	27	7.6	203	56.9	127	35.6	18	5.0	9	2.5	357
	Level 4	205	57.3	153	42.7	315	88.0	43	12.0	185	51.7	130	36.3	20	5.6	23	6.4	358
	Subtotal	851	58.3	609	41.7	1,326	90.8	134	9.2	783	53.6	543	37.2	68	4.7	66	4.5	1,460
2016	Level 1	215	56.1	168	43.9	358	93.5	25	6.5	203	53.0	155	40.5	12	3.1	13	3.4	383
	Level 2	222	59.2	153	40.8	352	93.9	23	6.1	211	56.3	141	37.6	11	2.9	12	3.2	375
	Level 3	193	54.2	163	45.8	317	89.0	39	11.0	176	49.4	141	39.6	17	4.8	22	6.2	356
	Level 4	220	61.6	137	38.4	331	92.7	26	7.3	202	56.6	129	36.1	18	5.0	8	2.2	357
	Subtotal	850	57.8	621	42.2	1,358	92.3	113	7.7	792	53.8	566	38.5	58	3.9	55	3.7	1,471
2017	Level 1	229	60.9	147	39.1	334	88.8	42	11.2	204	54.3	130	34.6	25	6.6	17	4.5	376
	Level 2	212	55.8	168	44.2	356	93.7	24	6.3	201	52.9	155	40.8	11	2.9	13	3.4	380
	Level 3	224	59.6	152	40.4	355	94.4	21	5.6	214	56.9	141	37.5	10	2.7	11	2.9	376
	Level 4	193	53.9	165	46.1	318	88.8	40	11.2	176	49.2	142	39.7	17	4.7	23	6.4	358
	Subtotal	858	57.6	632	42.4	1,363	91.5	127	8.5	795	53.4	568	38.1	63	4.2	64	4.3	1,490
2018	Level 1	225	58.6	159	41.4	357	93.0	27	7.0	206	53.6	151	39.3	19	4.9	8	2.1	384
	Level 2	227	61.2	144	38.8	329	88.7	42	11.3	202	54.4	127	34.2	25	6.7	17	4.6	371
	Level 3	211	55.8	167	44.2	354	93.7	24	6.3	200	52.9	154	40.7	11	2.9	13	3.4	378
	Level 4	223	59.5	152	40.5	355	94.7	20	5.3	214	57.1	141	37.6	9	2.4	11	2.9	375
	Subtotal	886	58.8	622	41.2	1,395	92.5	113	7.5	822	54.5	573	38.0	64	4.2	49	3.2	1,508
2019	Level 1	225	58.1	162	41.9	355	91.7	32	8.3	206	53.2	149	38.5	19	4.9	13	3.4	387
	Level 2	227	59.9	152	40.1	352	92.9	27	7.1	208	54.9	144	38.0	19	5.0	8	2.1	379
	Level 3	223	60.9	143	39.1	326	89.1	40	10.9	199	54.4	127	34.7	24	6.6	16	4.4	366
	Level 4	210	55.7	167	44.3	354	93.9	23	6.1	200	53.1	154	40.8	10	2.7	13	3.4	377
	Subtotal	885	58.6	624	41.4	1,387	91.9	122	8.1	813	53.9	574	38.0	72	4.8	50	3.3	1,509

Source: ABP Certification Management System data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-4 residents in ACGME-accredited Med-Peds programs in the US and Puerto Rico from 2012-2019.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation : Residency program types vary in length of training. Med-Peds programs last 4 years. For descriptions of pediatric training levels see Key Definitions in the *Pediatric Physicians Workforce Methodology Summary*.

Figure 2.5 Yearly Count of First-Year (Level 1) Residents in Med-Peds Programs in the US and Puerto Rico Since 2004 by Gender

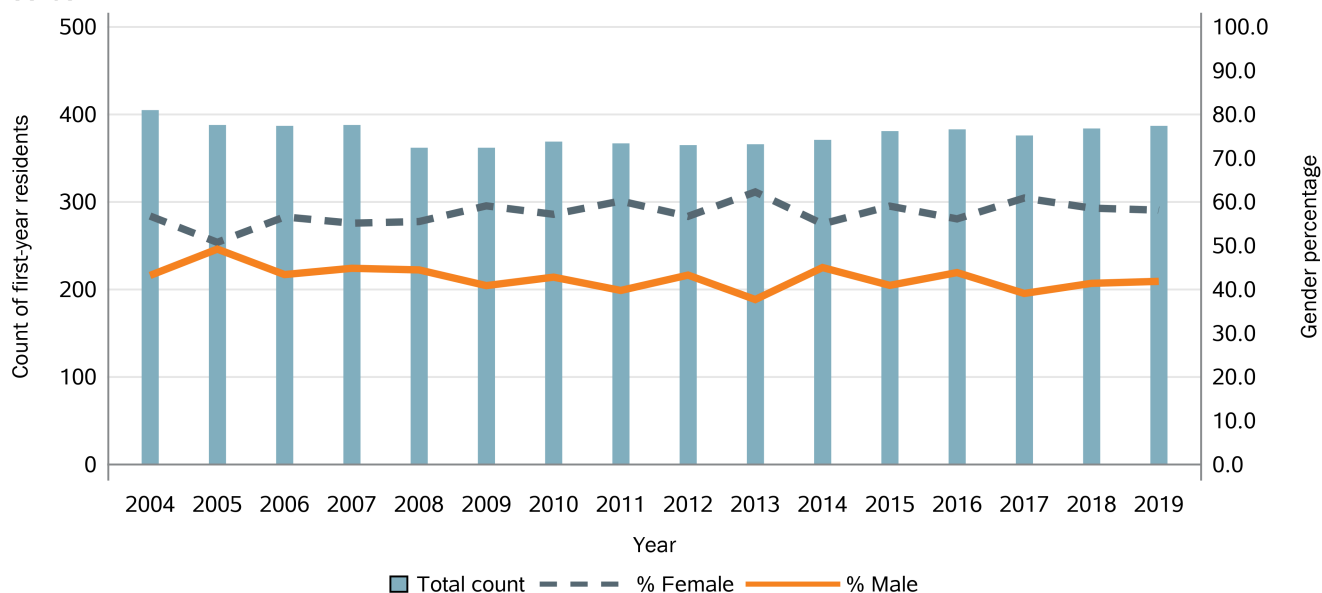
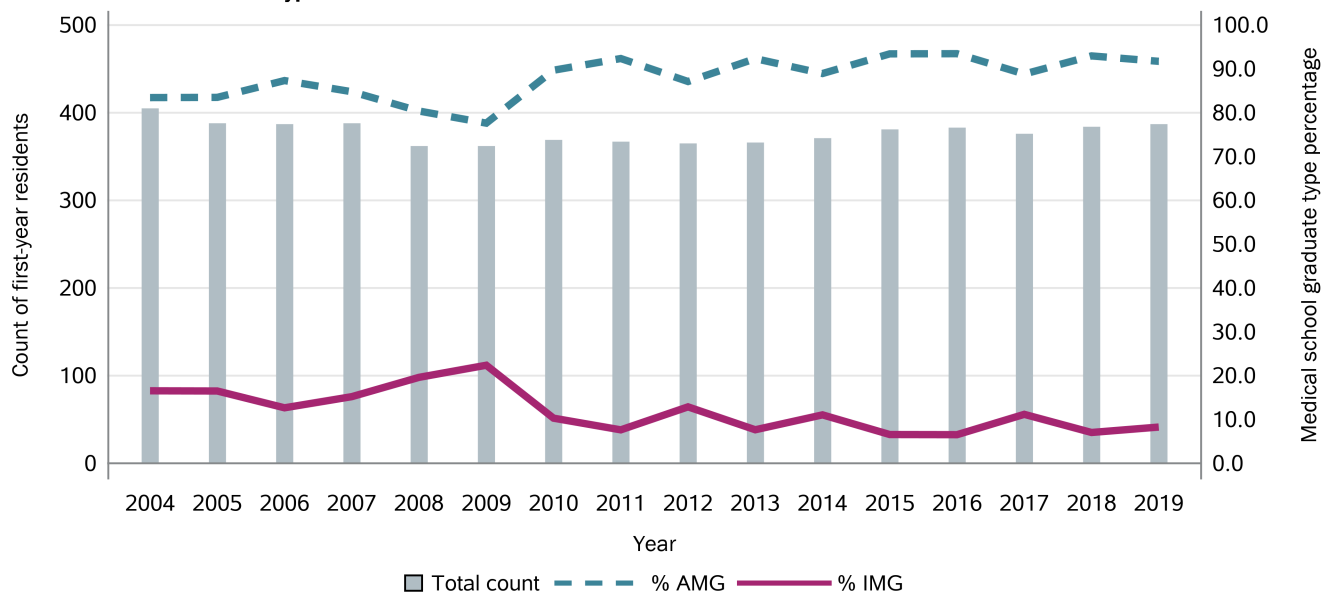


Figure 2.6 Yearly Count of First-Year (Level 1) Residents in Med-Peds Programs in the US and Puerto Rico Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Level 1 residents in ACGME-accredited Med-Peds programs in the US and Puerto-Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency programs vary in length of training. Med-Peds programs last 4 years. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*. Only level 1 residents are shown for ease of comparison across residency program types. Detailed information can be found in Tables 2.8(a) and 2.8(b).

Table 2.9. Yearly Count of Residents in Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways in Training Levels 1-2 from 2004-2019 by Demographics

Year	Training level	Gender				Medical school graduate type				Medical school graduate type by gender								Total residents
		Female		Male		AMG		IMG		AMG/female		AMG/male		IMG/female		IMG/male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2004	Level 1	8	53.3	7	46.7	8	53.3	7	46.7	5	33.3	3	20.0	3	20.0	4	26.7	15
	Level 2	16	47.1	18	52.9	27	79.4	7	20.6	13	38.2	14	41.2	3	8.8	4	11.8	34
	Subtotal	24	49.0	25	51.0	35	71.4	14	28.6	18	36.7	17	34.7	6	12.2	8	16.3	49
2005	Level 1	43	62.3	26	37.7	61	88.4	8	11.6	41	59.4	20	29.0	2	2.9	6	8.7	69
	Level 2	34	58.6	24	41.4	40	69.0	18	31.0	27	46.6	13	22.4	7	12.1	11	19.0	58
	Subtotal	77	60.6	50	39.4	101	79.5	26	20.5	68	53.5	33	26.0	9	7.1	17	13.4	127
2006	Level 1	37	74.0	13	26.0	42	84.0	8	16.0	32	64.0	10	20.0	5	10.0	3	6.0	50
	Level 2	43	62.3	26	37.7	61	88.4	8	11.6	41	59.4	20	29.0	2	2.9	6	8.7	69
	Subtotal	80	67.2	39	32.8	103	86.6	16	13.4	73	61.3	30	25.2	7	5.9	9	7.6	119
2007	Level 1	53	63.9	30	36.1	63	75.9	20	24.1	40	48.2	23	27.7	13	15.7	7	8.4	83
	Level 2	46	68.7	21	31.3	57	85.1	10	14.9	41	61.2	16	23.9	5	7.5	5	7.5	67
	Subtotal	99	66.0	51	34.0	120	80.0	30	20.0	81	54.0	39	26.0	18	12.0	12	8.0	150
2008	Level 1	55	63.2	32	36.8	69	79.3	18	20.7	45	51.7	24	27.6	10	11.5	8	9.2	87
	Level 2	54	67.5	26	32.5	61	76.3	19	23.8	41	51.3	20	25.0	13	16.3	6	7.5	80
	Subtotal	109	65.3	58	34.7	130	77.8	37	22.2	86	51.5	44	26.3	23	13.8	14	8.4	167
2009	Level 1	56	64.4	31	35.6	69	79.3	18	20.7	45	51.7	24	27.6	11	12.6	7	8.0	87
	Level 2	53	63.1	31	36.9	66	78.6	18	21.4	43	51.2	23	27.4	10	11.9	8	9.5	84
	Subtotal	109	63.7	62	36.3	135	78.9	36	21.1	88	51.5	47	27.5	21	12.3	15	8.8	171
2010	Level 1	52	65.0	28	35.0	68	85.0	12	15.0	49	61.3	19	23.8	3	3.8	9	11.3	80
	Level 2	56	64.4	31	35.6	69	79.3	18	20.7	45	51.7	24	27.6	11	12.6	7	8.0	87
	Subtotal	108	64.7	59	35.3	137	82.0	30	18.0	94	56.3	43	25.7	14	8.4	16	9.6	167
2011	Level 1	71	71.7	28	28.3	86	86.9	13	13.1	64	64.6	22	22.2	7	7.1	6	6.1	99
	Level 2	52	65.8	27	34.2	68	86.1	11	13.9	49	62.0	19	24.1	3	3.8	8	10.1	79
	Subtotal	123	69.1	55	30.9	154	86.5	24	13.5	113	63.5	41	23.0	10	5.6	14	7.9	178
2012	Level 1	76	71.0	31	29.0	91	85.0	16	15.0	66	61.7	25	23.4	10	9.3	6	5.6	107
	Level 2	71	72.4	27	27.6	85	86.7	13	13.3	64	65.3	21	21.4	7	7.1	6	6.1	98
	Subtotal	147	71.7	58	28.3	176	85.9	29	14.1	130	63.4	46	22.4	17	8.3	12	5.9	205
2013	Level 1	70	65.4	37	34.6	87	81.3	20	18.7	61	57.0	26	24.3	9	8.4	11	10.3	107
	Level 2	76	71.0	31	29.0	91	85.0	16	15.0	66	61.7	25	23.4	10	9.3	6	5.6	107
	Subtotal	146	68.2	68	31.8	178	83.2	36	16.8	127	59.3	51	23.8	19	8.9	17	7.9	214
2014	Level 1	84	73.0	31	27.0	101	87.8	14	12.2	75	65.2	26	22.6	9	7.8	5	4.3	115
	Level 2	70	66.0	36	34.0	87	82.1	19	17.9	61	57.5	26	24.5	9	8.5	10	9.4	106
	Subtotal	154	69.7	67	30.3	188	85.1	33	14.9	136	61.5	52	23.5	18	8.1	15	6.8	221
2015	Level 1	75	65.2	40	34.8	96	83.5	19	16.5	61	53.0	35	30.4	14	12.2	5	4.3	115
	Level 2	82	72.6	31	27.4	100	88.5	13	11.5	74	65.5	26	23.0	8	7.1	5	4.4	113
	Subtotal	157	68.9	71	31.1	196	86.0	32	14.0	135	59.2	61	26.8	22	9.6	10	4.4	228
2016	Level 1	92	74.8	31	25.2	105	85.4	18	14.6	78	63.4	27	22.0	14	11.4	4	3.3	123
	Level 2	75	65.8	39	34.2	94	82.5	20	17.5	60	52.6	34	29.8	15	13.2	5	4.4	114
	Subtotal	167	70.5	70	29.5	199	84.0	38	16.0	138	58.2	61	25.7	29	12.2	9	3.8	237
2017	Level 1	91	66.9	45	33.1	118	86.8	18	13.2	82	60.3	36	26.5	9	6.6	9	6.6	136
	Level 2	90	75.0	30	25.0	102	85.0	18	15.0	76	63.3	26	21.7	14	11.7	4	3.3	120
	Subtotal	181	70.7	75	29.3	220	85.9	36	14.1	158	61.7	62	24.2	23	9.0	13	5.1	256
2018	Level 1	97	72.4	37	27.6	116	86.6	18	13.4	83	61.9	33	24.6	14	10.4	4	3.0	134
	Level 2	92	67.6	44	32.4	119	87.5	17	12.5	83	61.0	36	26.5	9	6.6	8	5.9	136
	Subtotal	189	70.0	81	30.0	235	87.0	35	13.0	166	61.5	69	25.6	23	8.5	12	4.4	270
2019	Level 1	90	70.3	38	29.7	98	76.6	30	23.4	68	53.1	30	23.4	22	17.2	8	6.3	128
	Level 2	95	72.5	36	27.5	114	87.0	17	13.0	82	62.6	32	24.4	13	9.9	4	3.1	131
	Subtotal	185	71.4	74	28.6	212	81.9	47	18.1	150	57.9	62	23.9	35	13.5	12	4.6	259

Source: ABP Certification Management System data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-2 residents in ACGME-accredited Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways in the US and Puerto Rico from 2004-2019.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways are typically 5 years in length however the ABP only maintains records for these residents through years 1 and 2. The ABP stops tracking these residents after year 2 when entering their Neurodevelopmental or Neurology training. For descriptions of pediatric training levels and residency program types see Key Definitions in the *Pediatric Physicians Workforce Methodology Summary*.

Figure 2.7 Yearly Count of First-Year (Level 1) Residents in Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways in the US and Puerto Rico Since 2004 by Gender

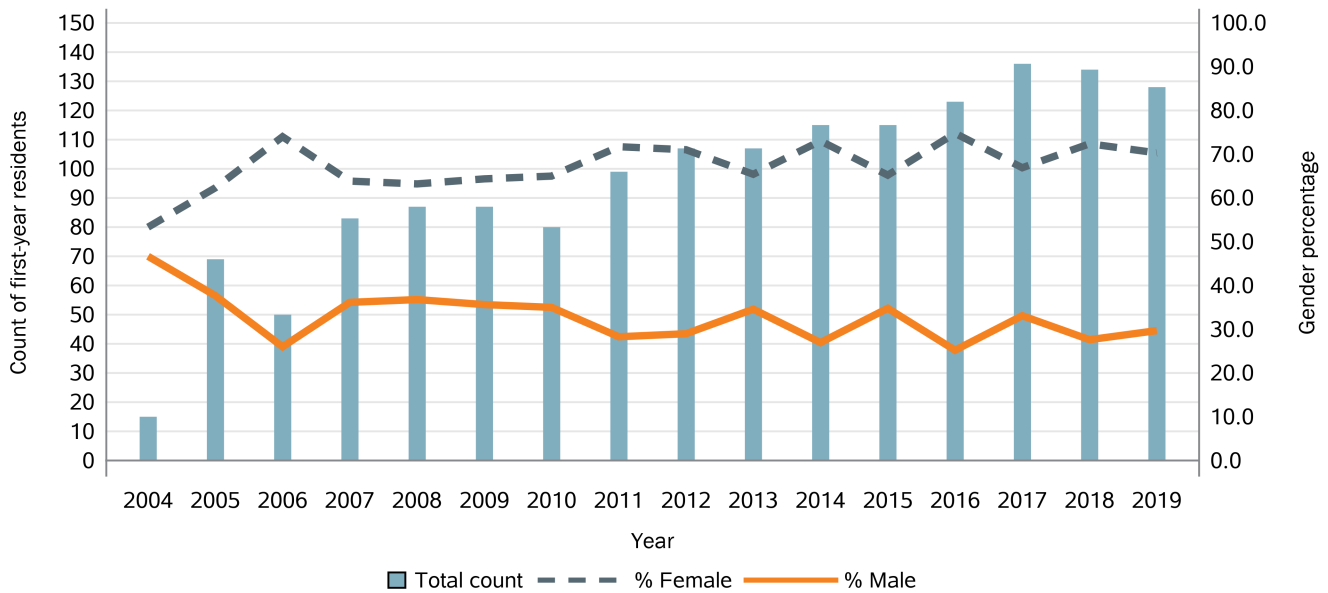
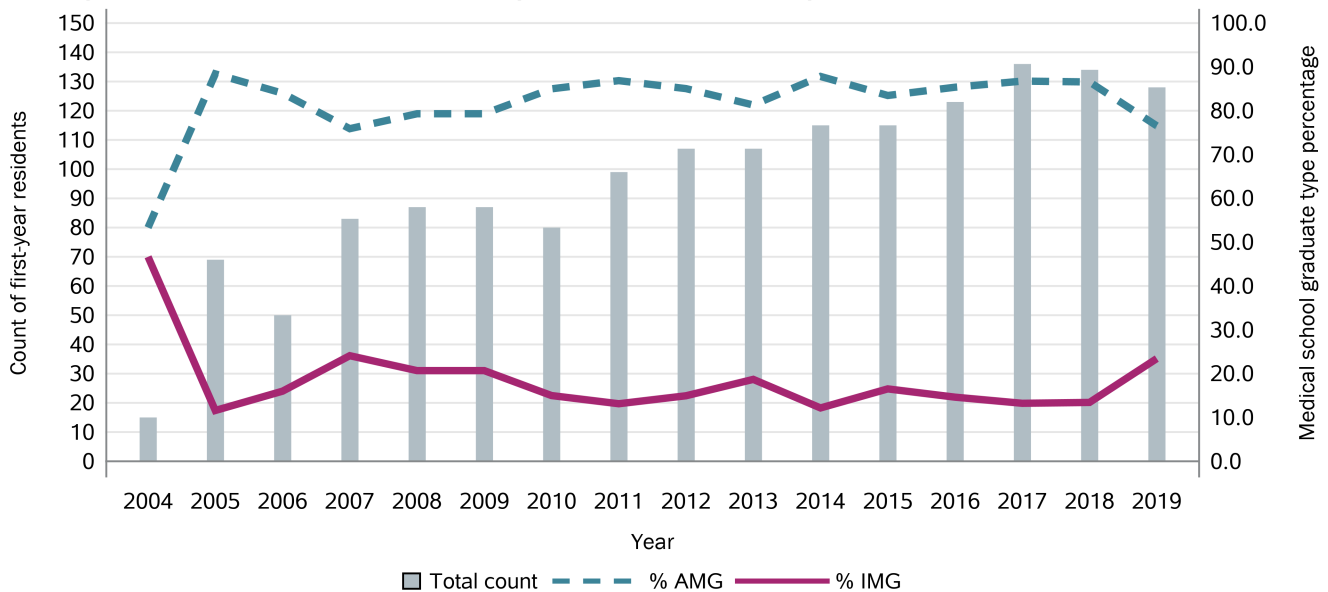


Figure 2.8 Yearly Count of First-Year (Level 1) Residents in Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways in the US and Puerto Rico Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Level 1 residents in ACGME-accredited Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways in the US and Puerto-Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency programs vary in length of training. Pediatric Neurodevelopmental Disabilities and Pediatric Neurology Pathways are typically 5 years in length, however the ABP only maintains records for these residents through years 1 and 2. The ABP stops tracking these residents after year 2 when entering their Neurodevelopmental or Neurology training. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*. Only level 1 residents are shown for ease of comparison across residency program types. Detailed information can be found in Table 2.9.

Table 2.10(a). Yearly Count of Residents in Other Combined Programs in Training Levels 1-5 from 2004-2011 by Demographics

Year	Training level	Gender				Medical school graduate type				Medical school graduate type by gender								Total residents
		Female		Male		AMG		IMG		AMG/female		AMG/male		IMG/female		IMG/male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2004	Level 1	21	63.6	12	36.4	30	90.9	3	9.1	21	63.6	9	27.3	0	0.0	3	9.1	33
	Level 2	15	57.7	11	42.3	23	88.5	3	11.5	14	53.8	9	34.6	1	3.8	2	7.7	26
	Level 3	17	68.0	8	32.0	24	96.0	1	4.0	16	64.0	8	32.0	1	4.0	0	0.0	25
	Level 4	13	56.5	10	43.5	21	91.3	2	8.7	12	52.2	9	39.1	1	4.3	1	4.3	23
	Level 5	16	64.0	9	36.0	24	96.0	1	4.0	16	64.0	8	32.0	0	0.0	1	4.0	25
	Subtotal	82	62.1	50	37.9	122	92.4	10	7.6	79	59.8	43	32.6	3	2.3	7	5.3	132
2005	Level 1	20	57.1	15	42.9	34	97.1	1	2.9	19	54.3	15	42.9	1	2.9	0	0.0	35
	Level 2	21	67.7	10	32.3	29	93.5	2	6.5	21	67.7	8	25.8	0	0.0	2	6.5	31
	Level 3	14	56.0	11	44.0	22	88.0	3	12.0	13	52.0	9	36.0	1	4.0	2	8.0	25
	Level 4	17	70.8	7	29.2	23	95.8	1	4.2	16	66.7	7	29.2	1	4.2	0	0.0	24
	Level 5	6	54.5	5	45.5	9	81.8	2	18.2	5	45.5	4	36.4	1	9.1	1	9.1	11
	Subtotal	78	61.9	48	38.1	117	92.9	9	7.1	74	58.7	43	34.1	4	3.2	5	4.0	126
2006	Level 1	22	61.1	14	38.9	33	91.7	3	8.3	20	55.6	13	36.1	2	5.6	1	2.8	36
	Level 2	19	59.4	13	40.6	31	96.9	1	3.1	18	56.3	13	40.6	1	3.1	0	0.0	32
	Level 3	19	70.4	8	29.6	25	92.6	2	7.4	19	70.4	6	22.2	0	0.0	2	7.4	27
	Level 4	14	53.8	12	46.2	23	88.5	3	11.5	13	50.0	10	38.5	1	3.8	2	7.7	26
	Level 5	16	69.6	7	30.4	22	95.7	1	4.3	15	65.2	7	30.4	1	4.3	0	0.0	23
	Subtotal	90	62.5	54	37.5	134	93.1	10	6.9	85	59.0	49	34.0	5	3.5	5	3.5	144
2007	Level 1	30	71.4	12	28.6	34	81.0	8	19.0	27	64.3	7	16.7	3	7.1	5	11.9	42
	Level 2	20	58.8	14	41.2	30	88.2	4	11.8	18	52.9	12	35.3	2	5.9	2	5.9	34
	Level 3	19	59.4	13	40.6	31	96.9	1	3.1	18	56.3	13	40.6	1	3.1	0	0.0	32
	Level 4	19	70.4	8	29.6	25	92.6	2	7.4	19	70.4	6	22.2	0	0.0	2	7.4	27
	Level 5	13	56.5	10	43.5	21	91.3	2	8.7	12	52.2	9	39.1	1	4.3	1	4.3	23
	Subtotal	101	63.9	57	36.1	141	89.2	17	10.8	94	59.5	47	29.7	7	4.4	10	6.3	158
2008	Level 1	21	67.7	10	32.3	28	90.3	3	9.7	20	64.5	8	25.8	1	3.2	2	6.5	31
	Level 2	29	72.5	11	27.5	33	82.5	7	17.5	27	67.5	6	15.0	2	5.0	5	12.5	40
	Level 3	20	60.6	13	39.4	29	87.9	4	12.1	18	54.5	11	33.3	2	6.1	2	6.1	33
	Level 4	18	58.1	13	41.9	30	96.8	1	3.2	17	54.8	13	41.9	1	3.2	0	0.0	31
	Level 5	18	69.2	8	30.8	24	92.3	2	7.7	18	69.2	6	23.1	0	0.0	2	7.7	26
	Subtotal	106	65.8	55	34.2	144	89.4	17	10.6	100	62.1	44	27.3	6	3.7	11	6.8	161
2009	Level 1	30	73.2	11	26.8	36	87.8	5	12.2	26	63.4	10	24.4	4	9.8	1	2.4	41
	Level 2	19	65.5	10	34.5	26	89.7	3	10.3	18	62.1	8	27.6	1	3.4	2	6.9	29
	Level 3	28	77.8	8	22.2	30	83.3	6	16.7	26	72.2	4	11.1	2	5.6	4	11.1	36
	Level 4	19	59.4	13	40.6	28	87.5	4	12.5	17	53.1	11	34.4	2	6.3	2	6.3	32
	Level 5	18	58.1	13	41.9	30	96.8	1	3.2	17	54.8	13	41.9	1	3.2	0	0.0	31
	Subtotal	114	67.5	55	32.5	150	88.8	19	11.2	104	61.5	46	27.2	10	5.9	9	5.3	169
2010	Level 1	27	69.2	12	30.8	38	97.4	1	2.6	26	66.7	12	30.8	1	2.6	0	0.0	39
	Level 2	29	74.4	10	25.6	34	87.2	5	12.8	25	64.1	9	23.1	4	10.3	1	2.6	39
	Level 3	18	64.3	10	35.7	25	89.3	3	10.7	17	60.7	8	28.6	1	3.6	2	7.1	28
	Level 4	28	77.8	8	22.2	30	83.3	6	16.7	26	72.2	4	11.1	2	5.6	4	11.1	36
	Level 5	16	66.7	8	33.3	20	83.3	4	16.7	14	58.3	6	25.0	2	8.3	2	8.3	24
	Subtotal	118	71.1	48	28.9	147	88.6	19	11.4	108	65.1	39	23.5	10	6.0	9	5.4	166
2011	Level 1	28	71.8	11	28.2	34	87.2	5	12.8	23	59.0	11	28.2	5	12.8	0	0.0	39
	Level 2	27	69.2	12	30.8	38	97.4	1	2.6	26	66.7	12	30.8	1	2.6	0	0.0	39
	Level 3	27	73.0	10	27.0	32	86.5	5	13.5	23	62.2	9	24.3	4	10.8	1	2.7	37
	Level 4	17	63.0	10	37.0	24	88.9	3	11.1	16	59.3	8	29.6	1	3.7	2	7.4	27
	Level 5	29	78.4	8	21.6	31	83.8	6	16.2	27	73.0	4	10.8	2	5.4	4	10.8	37
	Subtotal	128	71.5	51	28.5	159	88.8	20	11.2	115	64.2	44	24.6	13	7.3	7	3.9	179

Source: ABP Certification Management System data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-5 residents in ACGME-accredited Other Combined programs in the US and Puerto Rico from 2004-2011.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation : Residency program types vary in length of training. Other Combined programs typically last 5 years. For descriptions of pediatric training levels and residency program types see Key Definitions in the *Pediatric Physicians Workforce Methodology Summary*.

Table 2.10(b). Yearly Count of Residents in Other Combined Programs in Training Levels 1-5 from 2012-2019 by Demographics

Year	Training level	Gender				Medical school graduate type				Medical school graduate type by gender								Total residents
		Female		Male		AMG		IMG		AMG/female		AMG/male		IMG/female		IMG/male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2012	Level 1	22	57.9	16	42.1	35	92.1	3	7.9	20	52.6	15	39.5	2	5.3	1	2.6	38
	Level 2	25	69.4	11	30.6	32	88.9	4	11.1	21	58.3	11	30.6	4	11.1	0	0.0	36
	Level 3	27	69.2	12	30.8	38	97.4	1	2.6	26	66.7	12	30.8	1	2.6	0	0.0	39
	Level 4	28	73.7	10	26.3	33	86.8	5	13.2	24	63.2	9	23.7	4	10.5	1	2.6	38
	Level 5	11	68.8	5	31.3	14	87.5	2	12.5	10	62.5	4	25.0	1	6.3	1	6.3	16
	Subtotal	113	67.7	54	32.3	152	91.0	15	9.0	101	60.5	51	30.5	12	7.2	3	1.8	167
2013	Level 1	32	71.1	13	28.9	41	91.1	4	8.9	29	64.4	12	26.7	3	6.7	1	2.2	45
	Level 2	21	56.8	16	43.2	34	91.9	3	8.1	19	51.4	15	40.5	2	5.4	1	2.7	37
	Level 3	24	68.6	11	31.4	31	88.6	4	11.4	20	57.1	11	31.4	4	11.4	0	0.0	35
	Level 4	28	70.0	12	30.0	39	97.5	1	2.5	27	67.5	12	30.0	1	2.5	0	0.0	40
	Level 5	14	73.7	5	26.3	17	89.5	2	10.5	13	68.4	4	21.1	1	5.3	1	5.3	19
	Subtotal	119	67.6	57	32.4	162	92.0	14	8.0	108	61.4	54	30.7	11	6.3	3	1.7	176
2014	Level 1	31	66.0	16	34.0	37	78.7	10	21.3	25	53.2	12	25.5	6	12.8	4	8.5	47
	Level 2	31	72.1	12	27.9	39	90.7	4	9.3	28	65.1	11	25.6	3	7.0	1	2.3	43
	Level 3	22	59.5	15	40.5	34	91.9	3	8.1	20	54.1	14	37.8	2	5.4	1	2.7	37
	Level 4	24	68.6	11	31.4	31	88.6	4	11.4	20	57.1	11	31.4	4	11.4	0	0.0	35
	Level 5	16	59.3	11	40.7	26	96.3	1	3.7	15	55.6	11	40.7	1	3.7	0	0.0	27
	Subtotal	124	65.6	65	34.4	167	88.4	22	11.6	108	57.1	59	31.2	16	8.5	6	3.2	189
2015	Level 1	36	66.7	18	33.3	49	90.7	5	9.3	32	59.3	17	31.5	4	7.4	1	1.9	54
	Level 2	29	63.0	17	37.0	38	82.6	8	17.4	25	54.3	13	28.3	4	8.7	4	8.7	46
	Level 3	31	72.1	12	27.9	39	90.7	4	9.3	28	65.1	11	25.6	3	7.0	1	2.3	43
	Level 4	22	59.5	15	40.5	34	91.9	3	8.1	20	54.1	14	37.8	2	5.4	1	2.7	37
	Level 5	11	57.9	8	42.1	19	100.0	0	0.0	11	57.9	8	42.1	0	0.0	0	0.0	19
	Subtotal	129	64.8	70	35.2	179	89.9	20	10.1	116	58.3	63	31.7	13	6.5	7	3.5	199
2016	Level 1	38	69.1	17	30.9	50	90.9	5	9.1	36	65.5	14	25.5	2	3.6	3	5.5	55
	Level 2	36	66.7	18	33.3	48	88.9	6	11.1	31	57.4	17	31.5	5	9.3	1	1.9	54
	Level 3	28	63.6	16	36.4	36	81.8	8	18.2	24	54.5	12	27.3	4	9.1	4	9.1	44
	Level 4	31	72.1	12	27.9	39	90.7	4	9.3	28	65.1	11	25.6	3	7.0	1	2.3	43
	Level 5	22	62.9	13	37.1	34	97.1	1	2.9	21	60.0	13	37.1	1	2.9	0	0.0	35
	Subtotal	155	67.1	76	32.9	207	89.6	24	10.4	140	60.6	67	29.0	15	6.5	9	3.9	231
2017	Level 1	44	75.9	14	24.1	49	84.5	9	15.5	39	67.2	10	17.2	5	8.6	4	6.9	58
	Level 2	37	69.8	16	30.2	48	90.6	5	9.4	35	66.0	13	24.5	2	3.8	3	5.7	53
	Level 3	36	65.5	19	34.5	49	89.1	6	10.9	31	56.4	18	32.7	5	9.1	1	1.8	55
	Level 4	27	62.8	16	37.2	35	81.4	8	18.6	23	53.5	12	27.9	4	9.3	4	9.3	43
	Level 5	14	70.0	6	30.0	17	85.0	3	15.0	12	60.0	5	25.0	2	10.0	1	5.0	20
	Subtotal	158	69.0	71	31.0	198	86.5	31	13.5	140	61.1	58	25.3	18	7.9	13	5.7	229
2018	Level 1	36	62.1	22	37.9	55	94.8	3	5.2	35	60.3	20	34.5	1	1.7	2	3.4	58
	Level 2	42	76.4	13	23.6	46	83.6	9	16.4	37	67.3	9	16.4	5	9.1	4	7.3	55
	Level 3	35	71.4	14	28.6	44	89.8	5	10.2	33	67.3	11	22.4	2	4.1	3	6.1	49
	Level 4	36	67.9	17	32.1	47	88.7	6	11.3	31	58.5	16	30.2	5	9.4	1	1.9	53
	Level 5	10	55.6	8	44.4	14	77.8	4	22.2	7	38.9	7	38.9	3	16.7	1	5.6	18
	Subtotal	159	68.2	74	31.8	206	88.4	27	11.6	143	61.4	63	27.0	16	6.9	11	4.7	233
2019	Level 1	39	69.6	17	30.4	55	98.2	1	1.8	39	69.6	16	28.6	0	0.0	1	1.8	56
	Level 2	34	60.7	22	39.3	53	94.6	3	5.4	33	58.9	20	35.7	1	1.8	2	3.6	56
	Level 3	42	77.8	12	22.2	45	83.3	9	16.7	37	68.5	8	14.8	5	9.3	4	7.4	54
	Level 4	35	72.9	13	27.1	43	89.6	5	10.4	33	68.8	10	20.8	2	4.2	3	6.3	48
	Level 5	22	66.7	11	33.3	31	93.9	2	6.1	20	60.6	11	33.3	2	6.1	0	0.0	33
	Subtotal	172	69.6	75	30.4	227	91.9	20	8.1	162	65.6	65	26.3	10	4.0	10	4.0	247

Source: ABP Certification Management System data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-5 residents in ACGME-accredited Other Combined programs in the US and Puerto Rico from 2012-2019.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency program types vary in length of training. Other Combined programs typically last 5 years. For descriptions of pediatric training levels see Key Definitions in the *Pediatric Physicians Workforce Methodology Summary*.

Figure 2.9 Yearly Count of First-Year (Level 1) Residents in Other Combined Programs in the US and Puerto Rico Since 2004 by Gender

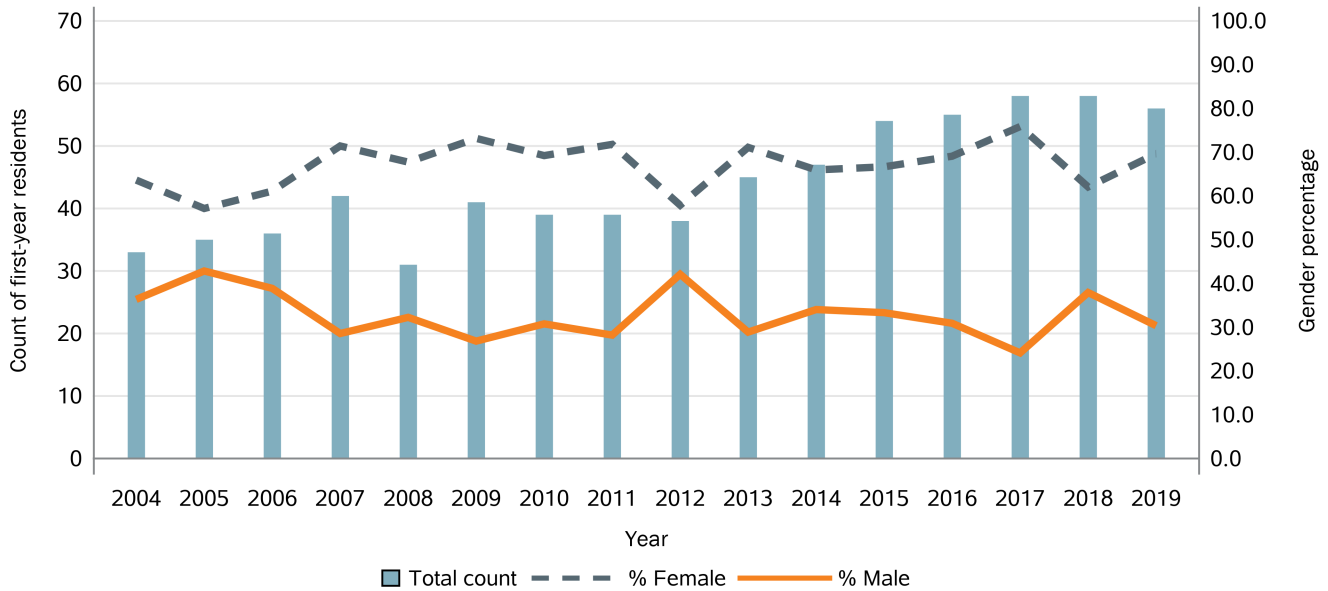
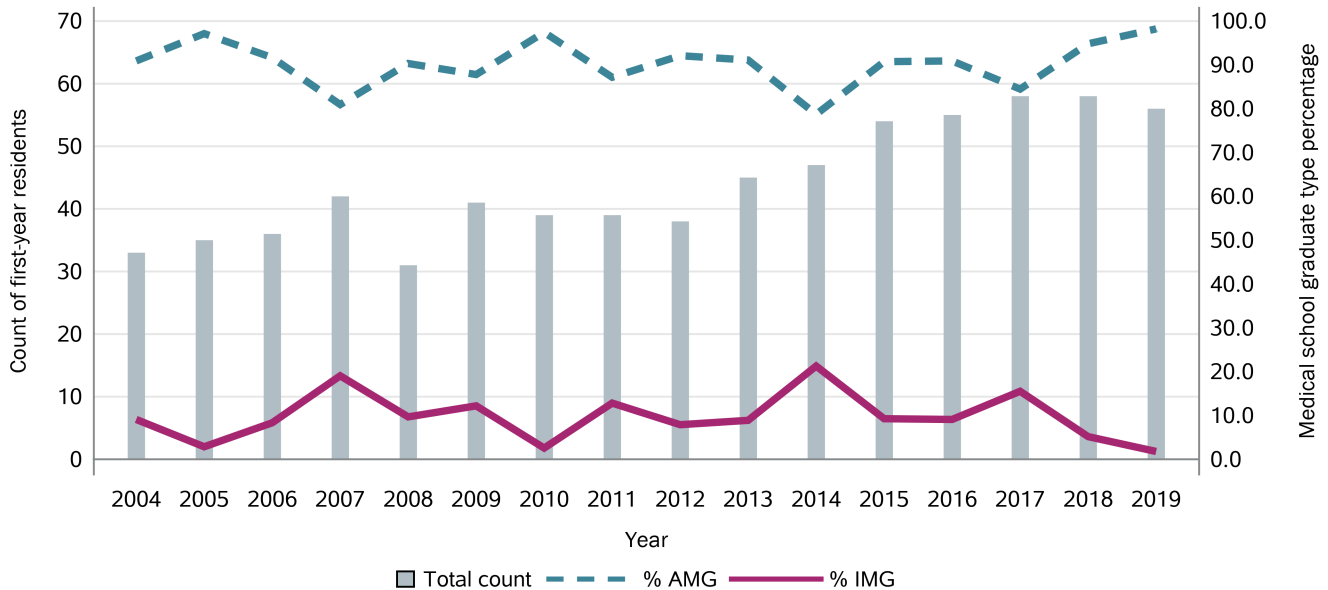


Figure 2.10 Yearly Count of First-Year (Level 1) Residents in Other Combined Programs in the US and Puerto Rico Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/09/2020. Tracking data submitted annually by program directors.

Sample: Level 1 residents in ACGME-accredited Other Combined programs in the US and Puerto-Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Residency programs vary in length of training. Other Combined programs typically last 5 years. For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*. Only level 1 residents are shown for ease of comparison across residency program types. Detailed information can be found in Tables 2.10(a) and 2.10(b).



Section 3. Subspecialty Fellowship Tracking Information

Section 3. Subspecialty Fellowship Tracking Information

Key Findings

- In 2019, there were 4,248 pediatric subspecialty fellows in ACGME-accredited training programs in the United States and Puerto Rico. Neonatal-Perinatal Medicine had the most fellows (777 across levels 1-5), while Child Abuse Pediatrics had the least (45 across levels 1-5). (Table 3.1)
- The total number of first-year pediatric subspecialty fellows in Level 1 training has increased 48.0% over the last 15 years, from 974 in 2004 to 1,442 in 2019. (Table 3.2)
- The percentage of female first-year subspecialty fellows has increased from 56.7% in 2004 to 69.3% in 2019. Over this same time, the percent of international medical school graduates has remained relatively stable around 25-30%. (Figure 3.1, 3.2)
- This year, pediatric endocrinology has the highest percentage of female first-year fellows (87.7%) while pediatric cardiology has the lowest (50.6%). Pediatric nephrology has the highest percentage of international medical school graduates (35.5%) and adolescent medicine has the lowest (11.1%). (Table 3.4)

What does this section include?

Section 3 reports on tracking data provided in fall 2019 of the 2019-20 academic year (July through June) by program directors of ABP pediatric subspecialty fellowship training programs accredited by the Accreditation Council for Graduate Medical Education (ACGME) in the United States and Puerto Rico. Data include the number of fellows in training in a single subspecialty discipline, two subspecialty disciplines simultaneously, or in adult and pediatric subspecialty training simultaneously. For ease of comparison, the same data have been reported for the past 15 years since 2004. Analyses employ demographic variables available to the ABP for all subspecialty program types.

For information about the pediatric subspecialty training programs themselves, including accreditation requirements, number of accredited programs by specialty, and the variability in size of accredited programs, please see the ACGME website at <http://www.acgme.org>.

What is helpful to know when reviewing these data?

- For this report, tracking data have been included only for ACGME-accredited training programs. The report does not include data from Canadian programs accredited by the RSPSC reported from 2004 to date. This decision to limit data presentation to only ACGME-accredited programs was made to decrease possibilities for data misinterpretation, as Canadian programs differ in their requirements for accreditation.
- Section 4 reports subspecialty data by ABP subspecialty trainee types and not program types because individual subspecialty fellows are permitted to arrange dual or combined training across the twenty-four American Board of Medical Specialties (ABMS) member boards.
- Apart from Table 3.1, fellowship tracking data are primarily calculated for the first-year training (level 1) for simplicity in comparisons. In each individual subspecialty area (Sections 4.1 through 4.14), fellowship tracking data are shown for training levels 1 to 3.
- Data are primarily presented for the ABP subspecialties and the co-sponsored subspecialties when the examinations are administered by the ABP. Data for non-ABP specialties and multi-specialty subspecialties may be included in Table 3.1 if a diplomate is undertaking a dual or combined fellowship. See Pediatric Subspecialty Types in the ABP's *Pediatric Physicians Workforce Methodology Summary* for more information.
- Adolescent Medicine and Emergency Medicine tracking data are included in this section. The Adolescent Medicine tracking data primarily include diplomates from the ABP and may include diplomates from the American Board of Family Medicine and the American Board of Internal Medicine. Similarly, Emergency Medicine tracking data primarily include diplomates from the ABP and may include diplomates from the American Board of Emergency Medicine.

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Table 3.1. Pediatric Subspecialty Fellowship Tracking: Number of Fellows by Subspecialty Training Type and Training Level in 2019

Subspecialty training type	Pediatric fellowship training levels					Total
	1	2	3	4	5	
ABP pediatric subspecialty trainees						
Adolescent Medicine	36	30	28	1	0	95
Pediatric Cardiology	160	154	139	5	0	458
Child Abuse Pediatrics	16	16	13	0	0	45
Pediatric Critical Care Medicine	198	188	165	1	0	552
Developmental-Behavioral Pediatrics	41	40	38	0	0	119
Pediatric Emergency Medicine	202	182	173	1	0	558
Pediatric Endocrinology	73	77	77	0	0	227
Pediatric Gastroenterology	110	112	103	0	0	325
Pediatric Hematology-Oncology	168	150	162	2	0	482
Pediatric Infectious Diseases	52	56	56	3	0	167
Neonatal-Perinatal Medicine	268	260	245	4	0	777
Pediatric Nephrology	31	44	34	0	0	109
Pediatric Pulmonology	62	59	46	1	0	168
Pediatric Rheumatology	25	27	33	1	0	86
Dual and combined trainees						
Adult and Pediatric Critical Care Medicine	1	0	0	1	0	2
Adult and Pediatric Endocrinology	3	4	3	0	0	10
Adult and Pediatric Hematology-Oncology	1	2	0	3	0	6
Adult and Pediatric Infectious Diseases	5	3	2	4	0	14
Adult and Pediatric Nephrology	3	0	1	3	0	7
Adult and Pediatric Pulmonology	1	0	1	0	0	2
Adult and Pediatric Rheumatology	4	3	5	3	0	15
Allergy and Immunology	2	0	0	0	0	2
Child Abuse Pediatrics and Pediatric Emergency Medicine	1	2	0	1	0	4
Medical Toxicology	0	1	0	0	0	1
Neonatal-Perinatal Medicine and Genetics	1	0	0	0	0	1
Neonatology/Prevent Med	0	0	1	0	0	1
Pediatric Critical Care Medicine - Anesthesiology	0	1	0	0	0	1
Pediatric Critical Care Medicine and Clinical Informatics	0	2	0	1	0	3
Pediatric Critical Care Medicine and Pediatric Cardiology	1	0	0	0	0	1
Pediatric Critical Care Medicine and Pediatric Infectious Diseases	1	1	0	0	2	4
Pediatric Critical Care Medicine and Pediatric Pulmonology	0	0	0	0	1	1
Pediatric Infectious Diseases and Clinical Informatics	0	0	1	0	0	1
Pediatric Infectious Diseases and Neonatal-Perinatal Medicine	0	0	1	1	0	2
Pediatric Pulmonology and Neonatal-Perinatal Medicine	0	0	0	1	0	1
Pediatric Pulmonology, Adult Critical Care Medicine, and Adult Pulmonology	0	0	1	0	0	1
Total	1,466	1,414	1,328	37	3	4,248

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-5 fellows enrolled in ACGME-accredited training programs in the US and Puerto Rico in 2019 (n=4,248).

Response Rate: Not applicable.

Missing data: None.

Considerations for interpretation: Most fellowships are three years in length. However, a few individuals undertake dual or combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). For descriptions of pediatric training levels and residency program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*. Adolescent Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Family Medicine and the American Board of Internal Medicine. Similarly, Emergency Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Emergency Medicine.

Table 3.2. Yearly Count of All Pediatric Subspecialty First-Year (Level 1) Fellows in Training Since 2004 by Demographics

Year	Gender				Medical school graduate type				Total fellows
	Female		Male		AMG		IMG		
	n	%	n	%	n	%	n	%	
2004	552	56.7	422	43.3	718	73.7	256	26.3	974
2005	579	58.2	415	41.8	700	70.4	294	29.6	994
2006	602	58.2	433	41.8	740	71.5	295	28.5	1,035
2007	645	59.5	439	40.5	768	70.8	316	29.2	1,084
2008	700	61.1	446	38.9	815	71.1	331	28.9	1,146
2009	715	62.2	435	37.8	813	70.7	337	29.3	1,150
2010	800	64.4	442	35.6	879	70.8	363	29.2	1,242
2011	791	63.9	446	36.1	848	68.6	389	31.4	1,237
2012	841	65.4	444	34.6	901	70.1	384	29.9	1,285
2013	838	64.7	457	35.3	910	70.3	385	29.7	1,295
2014	886	65.7	462	34.3	947	70.3	401	29.7	1,348
2015	945	69.4	416	30.6	994	73.0	367	27.0	1,361
2016	927	67.5	446	32.5	1,018	74.1	355	25.9	1,373
2017	935	66.7	467	33.3	1,043	74.4	359	25.6	1,402
2018	962	67.4	465	32.6	1,038	72.7	389	27.3	1,427
2019	999	69.3	443	30.7	1,090	75.6	352	24.4	1,442

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found for each of the subspecialties in Section 4. Adolescent Medicine and Emergency Medicine tracking data are included in this table. The Adolescent Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Family Medicine and the American Board of Internal Medicine. Similarly, Emergency Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Emergency Medicine.

Figure 3.1 Yearly Count of All Pediatric Subspecialty First-Year (Level 1) Fellows in Training Since 2004 by Gender

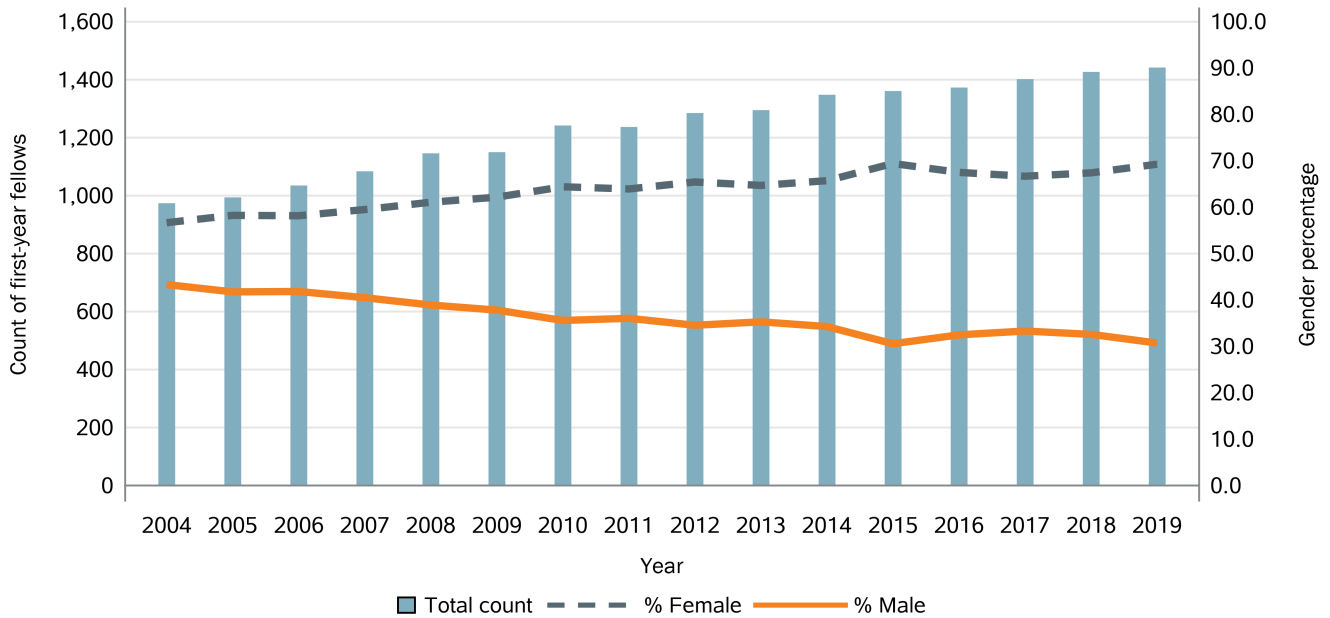
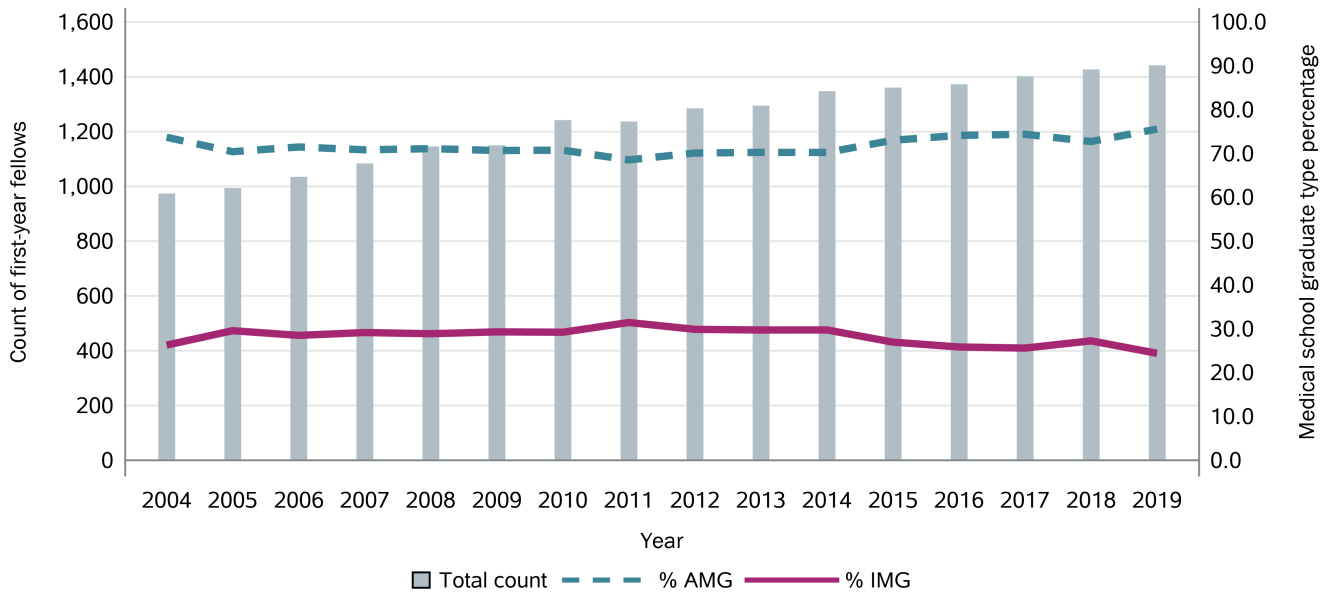


Figure 3.2 Yearly Count of All Pediatric Subspecialty First-Year (Level 1) Fellows in Training Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found for each of the subspecialties in Section 4. Adolescent Medicine and Emergency Medicine tracking data are included in this table. The Adolescent Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Family Medicine and the American Board of Internal Medicine. Similarly, Emergency Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Emergency Medicine. For descriptions of pediatric training levels and fellowship program types, see *Key Definitions* in the *Pediatric Physicians Workforce Methodology Summary*.

Table 3.3. Yearly Count of All Pediatric Subspecialty First-Year (Level 1) Fellows in Training Since 2004 by ABP Subspecialty

ABP subspecialty	Years															
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Adolescent Medicine	27	18	21	23	28	23	31	22	35	22	28	34	34	29	30	36
Pediatric Cardiology	106	98	109	110	127	124	142	140	138	141	144	148	151	151	153	160
Child Abuse Pediatrics	-	-	-	14	12	9	12	11	11	12	12	17	7	14	17	16
Pediatric Critical Care Medicine	114	118	136	125	122	146	137	149	156	168	173	178	177	188	189	198
Developmental-Behavioral Pediatrics	24	27	27	18	34	25	37	30	32	34	31	39	30	42	40	41
Pediatric Emergency Medicine	95	113	107	121	116	127	144	144	156	167	169	167	185	189	189	202
Pediatric Endocrinology	66	73	79	76	83	72	91	86	88	83	81	88	80	81	79	73
Pediatric Gastroenterology	64	72	74	78	81	84	90	92	93	95	93	103	101	102	112	110
Pediatric Hematology-Oncology	118	119	116	133	137	141	153	150	160	164	167	170	166	172	157	168
Pediatric Infectious Diseases	56	53	56	57	62	59	59	59	60	57	66	45	58	60	60	52
Neonatal-Perinatal Medicine	191	191	200	213	233	221	220	237	233	241	258	262	260	255	267	268
Pediatric Nephrology	39	39	27	42	39	44	47	41	42	35	39	33	35	34	47	31
Pediatric Pulmonology	40	41	38	55	46	49	56	51	58	53	59	53	60	50	59	62
Pediatric Rheumatology	19	26	30	19	26	26	23	25	23	23	28	24	29	35	28	25
Total	959	988	1,020	1,084	1,146	1,150	1,242	1,237	1,285	1,295	1,348	1,361	1,373	1,402	1,427	1,442

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found for each of the subspecialties in Section 4. Adolescent Medicine and Emergency Medicine tracking data are included in this table. The Adolescent Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Family Medicine and the American Board of Internal Medicine. Similarly, Emergency Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Emergency Medicine.

Table 3.4. Pediatric Subspecialty Fellowship Tracking: Number of First-Year (Level 1) Fellows in 2019 by ABP Subspecialty and Demographics

ABP subspecialty	Age						Gender				Medical school graduate type				Total Fellows	
	≤ 30		31 to 40		≥ 41		Female		Male		AMG		IMG			
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Adolescent Medicine	7	19.4	28	77.8	1	2.8	31	86.1	5	13.9	32	88.9	4	11.1	36	2.5
Pediatric Cardiology	42	26.3	117	73.1	1	0.6	81	50.6	79	49.4	127	79.4	33	20.6	160	11.1
Child Abuse Pediatrics	4	25.0	12	75.0	0	0.0	14	87.5	2	12.5	14	87.5	2	12.5	16	1.1
Pediatric Critical Care Medicine	41	20.7	153	77.3	4	2.0	119	60.1	79	39.9	152	76.8	46	23.2	198	13.7
Developmental-Behavioral Pediatrics	5	12.2	33	80.5	3	7.3	35	85.4	6	14.6	31	75.6	10	24.4	41	2.8
Pediatric Emergency Medicine	52	25.7	148	73.3	2	1.0	133	65.8	69	34.2	167	82.7	35	17.3	202	14.0
Pediatric Endocrinology	15	20.5	54	74.0	4	5.5	64	87.7	9	12.3	48	65.8	25	34.2	73	5.1
Pediatric Gastroenterology	27	24.5	83	75.5	0	0.0	70	63.6	40	36.4	81	73.6	29	26.4	110	7.6
Pediatric Hematology-Oncology	40	23.8	126	75.0	2	1.2	132	78.6	36	21.4	127	75.6	41	24.4	168	11.7
Pediatric Infectious Diseases	8	15.4	39	75.0	5	9.6	37	71.2	15	28.8	37	71.2	15	28.8	52	3.6
Neonatal-Perinatal Medicine	55	20.5	206	76.9	7	2.6	201	75.0	67	25.0	194	72.4	74	27.6	268	18.6
Pediatric Nephrology	6	19.4	24	77.4	1	3.2	26	83.9	5	16.1	20	64.5	11	35.5	31	2.1
Pediatric Pulmonology	4	6.5	54	87.1	4	6.5	36	58.1	26	41.9	42	67.7	20	32.3	62	4.3
Pediatric Rheumatology	5	20.0	19	76.0	1	4.0	20	80.0	5	20.0	18	72.0	7	28.0	25	1.7
Total	311	21.6	1,096	76.0	35	2.4	999	69.3	443	30.7	1,090	75.6	352	24.4	1,442	100.0

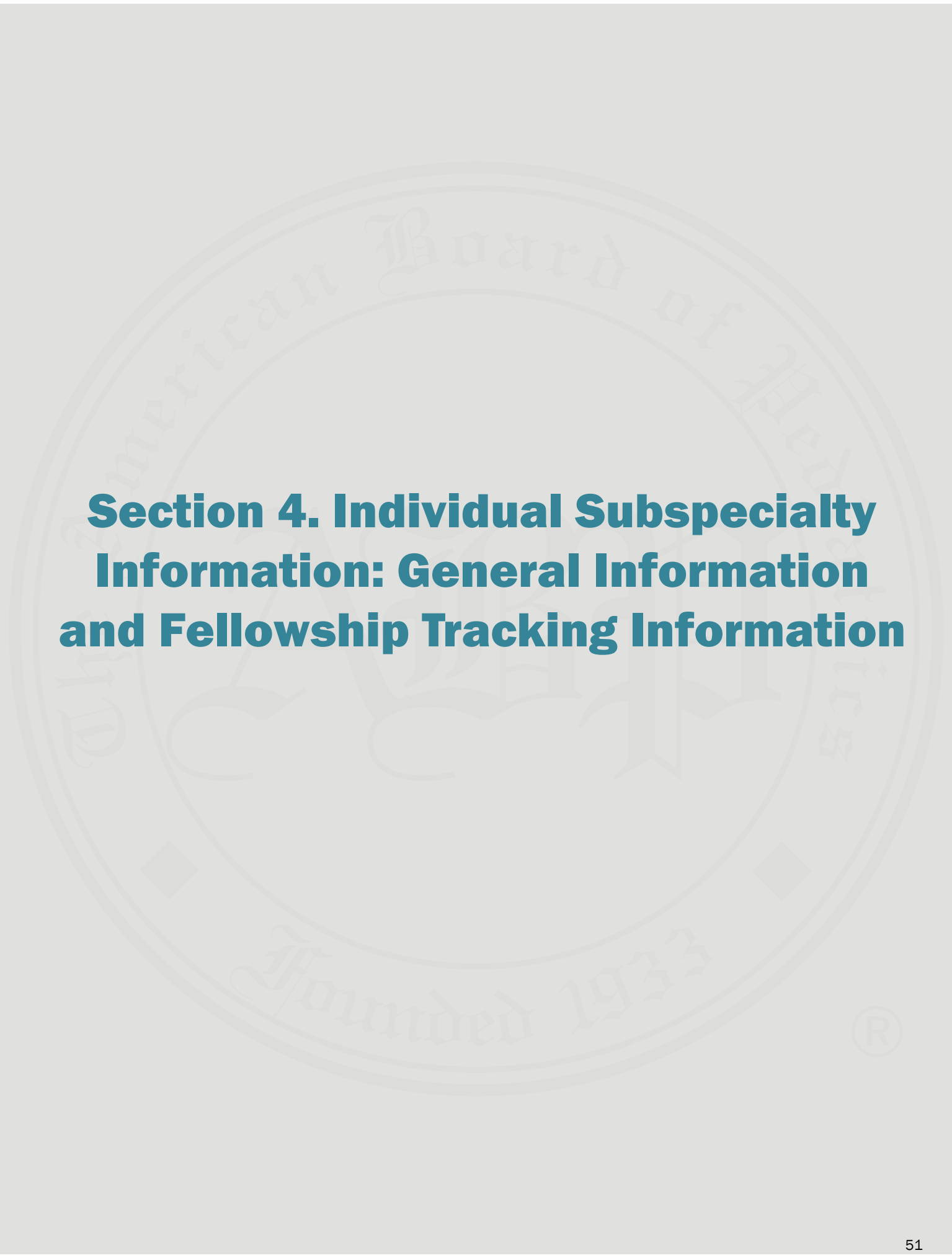
Source: ABP Certification Management System. Tracking data submitted annually by program directors.

Sample: Level 1 fellows enrolled in ACGME-accredited training programs in the US and Puerto Rico in 2019.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found for each of the subspecialties in Section 4. Adolescent Medicine and Emergency Medicine tracking data are included in this table. The Adolescent Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Family Medicine and the American Board of Internal Medicine. Similarly, Emergency Medicine tracking data primarily include diplomates from the ABP but may include diplomates from the American Board of Emergency Medicine.



Section 4. Individual Subspecialty Information: General Information and Fellowship Tracking Information

Section 4. Individual Subspecialty Information: General Information and Fellowship Tracking Information

What does this section include?

Section 4 reports on data related to the 15 individual subspecialties for which the ABP currently offers certifying examinations. Subspecialties are presented in alphabetical order.

Data are drawn from three sources:

- 1) Certification data drawn from the ABP's Certification Management System (CMS).
- 2) Tracking data provided in fall 2019 of the 2018-2019 academic year (July through June) by program directors of pediatric subspecialty fellowship training programs accredited by the Accreditation Council for Graduate Medical Education (ACGME). For ease of comparison, the same data have been provided for the past 15 years since 2004.
- 3) U.S. Census Bureau Population Estimates as of July 1, 2018.

Analyses employ demographic variables available to the ABP for all trainees and diplomates.

For information about the pediatric subspecialty training programs themselves, including accreditation requirements, number of accredited programs by specialty, and the variability in size of accredited programs, please see the ACGME website at <http://www.acgme.org>.

What is helpful to know when reviewing these data?

- See Table 1.1. in *Section 1. General Information on All Certified Diplomates* for the year in which each specific subspecialty's certification examination was first awarded.
- The ABP is currently unable to access the U.S. Social Security Administration's Death Master File due to changes in federal regulations. Thus, the ABP cannot determine which diplomates have deceased in recent years. To better approximate an estimate of the actual numbers of certified pediatric physicians, a proxy measure has been used to limit the sample of those ever certified to those individuals age 70 and under.
- Clinical activity of the pediatric workforce is a major concern for those examining workforce statistics. Unfortunately, the ABP is unable to fully report on whether individuals are clinically active and report on the proportion of full-time equivalent pediatricians. Any data used for workforce estimates should attempt to control for rates of clinical inactivity and part-time employment among pediatricians.
- Address information is collected and updated at the different touchpoints as described in the ABP's *Pediatric Physicians Workforce Methodology Summary*. It is up to the diplomate to choose whether to provide a mailing address; a diplomate may live and work in different states. Thus, estimates of the number of pediatric physicians per state should be viewed as an approximation.
- The ratios of pediatricians to 100,000 children given in the map figures are segmented automatically by software. This is due to the great variability in the number of diplomates in a subspecialty and subsequently the variability in distribution across states.
- For this report, tracking data are limited to ACGME-accredited training programs and do not include data from Canadian programs accredited by the RCPSC, both in data from this year and going back to 2004. This decision was made for several reasons: 1) to decrease possibilities for data misinterpretation, as Canadian programs differ in their requirements for accreditation, and 2) to improve the accuracy of U.S. workforce projections.
- The Subspecialty Certifying Examinations are offered every other year for each subspecialty. Thus, most first-time takers completed fellowship training between a few months to 2 years prior to sitting for the examination. However, some may choose not to take the examination when first available for various reasons. For this reason, the number of certifications in a given subspecialty may not increase each year or may skip a year, as shown in Table 1.1.
- Data are only presented for the ABP subspecialties and co-sponsored subspecialties when the examinations are administered by the ABP; data on fellows in non-ABP specialties (eg, child

neurology) and multi-specialty subspecialties are not included. See Pediatric Subspecialty Types in the ABP's *Pediatric Physicians Workforce Methodology Summary* for more information.

- Because of the variability in the numbers of first-year fellows by subspecialty, scales for figures that include first-year fellows' totals may not be equivalent.
- Adolescent Medicine and Emergency Medicine tracking data are included in this section. The Adolescent Medicine tracking data primarily include diplomates from the ABP and may include diplomates from the American Board of Family Medicine and the American Board of Internal Medicine. Similarly, Emergency Medicine tracking data primarily include diplomates from the ABP and may include diplomates from the American Board of Emergency Medicine.

4.1. Adolescent Medicine

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Table 4.1.1. All Adolescent Medicine Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=532)		Lapsed (n=200)		Revoked (n=5)		Total (n=737)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	73	13.7	1	0.5	0	0.0	74	10.0
41 to 50	0	0.0	164	30.8	5	2.5	0	0.0	169	22.9
51 to 60	0	0.0	145	27.3	31	15.5	1	20.0	177	24.0
61 to 70	0	0.0	127	23.9	83	41.5	3	60.0	213	28.9
71 to 80	0	0.0	23	4.3	72	36.0	1	20.0	96	13.0
81 to 90	0	0.0	0	0.0	6	3.0	0	0.0	6	0.8
> 90	0	0.0	0	0.0	2	1.0	0	0.0	2	0.3
No birth year available	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gender										
Female	0	0.0	394	74.1	110	55.0	0	0.0	504	68.4
Male	0	0.0	138	25.9	90	45.0	5	100.0	233	31.6
Medical school graduate type										
AMG	0	0.0	466	87.6	172	86.0	5	100.0	643	87.2
IMG	0	0.0	66	12.4	28	14.0	0	0.0	94	12.8

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Adolescent Medicine since certification was first awarded in 1994 (n=737).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.1.2. All Adolescent Medicine Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=509)		Lapsed (n=120)		Revoked (n=4)		Total (n=633)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	73	14.3	1	0.8	0	0.0	74	11.7
41 to 50	0	0.0	164	32.2	5	4.2	0	0.0	169	26.7
51 to 60	0	0.0	145	28.5	31	25.8	1	25.0	177	28.0
61 to 70	0	0.0	127	25.0	83	69.2	3	75.0	213	33.6
Gender										
Female	0	0.0	386	75.8	75	62.5	0	0.0	461	72.8
Male	0	0.0	123	24.2	45	37.5	4	100.0	172	27.2
Medical school graduate type										
AMG	0	0.0	445	87.4	104	86.7	4	100.0	553	87.4
IMG	0	0.0	64	12.6	16	13.3	0	0.0	80	12.6

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Adolescent Medicine since certification was first awarded in 1994 (n=633).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.1.3. US-Based Adolescent Medicine Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	6	181,636.7	0.6
Alaska	183,816	0	-	-
Arizona	1,642,647	7	234,663.9	0.4
Arkansas	703,180	2	351,590.0	0.3
California	8,989,764	59	152,368.9	0.7
Colorado	1,265,232	15	84,348.8	1.2
Connecticut	735,193	6	122,532.2	0.8
Delaware	203,616	5	40,723.2	2.5
District of Columbia	127,494	7	18,213.4	5.5
Florida	4,229,071	21	201,384.3	0.5
Georgia	2,505,531	8	313,191.4	0.3
Hawaii	303,413	2	151,706.5	0.7
Idaho	446,972	1	446,972.0	0.2
Illinois	2,857,131	21	136,053.9	0.7
Indiana	1,568,130	6	261,355.0	0.4
Iowa	730,767	1	730,767.0	0.1
Kansas	705,961	3	235,320.3	0.4
Kentucky	1,008,829	3	336,276.3	0.3
Louisiana	1,095,916	2	547,958.0	0.2
Maine	250,404	3	83,468.0	1.2
Maryland	1,340,148	29	46,212.0	2.2
Massachusetts	1,366,857	44	31,064.9	3.2
Michigan	2,164,668	13	166,512.9	0.6
Minnesota	1,302,615	12	108,551.3	0.9
Mississippi	706,138	2	353,069.0	0.3
Missouri	1,376,751	8	172,093.9	0.6
Montana	229,434	1	229,434.0	0.4
Nebraska	476,841	0	-	-
Nevada	688,997	2	344,498.5	0.3
New Hampshire	258,170	2	129,085.0	0.8
New Jersey	1,953,631	24	81,401.3	1.2
New Mexico	482,153	2	241,076.5	0.4
New York	4,068,092	94	43,277.6	2.3
North Carolina	2,300,622	9	255,624.7	0.4
North Dakota	178,697	0	-	-
Ohio	2,593,325	34	76,274.3	1.3
Oklahoma	956,433	4	239,108.3	0.4
Oregon	873,567	8	109,195.9	0.9
Pennsylvania	2,648,911	38	69,708.2	1.4
Rhode Island	205,202	7	29,314.6	3.4
South Carolina	1,105,655	5	221,131.0	0.5
South Dakota	217,606	1	217,606.0	0.5
Tennessee	1,506,219	9	167,357.7	0.6
Texas	7,398,009	35	211,371.7	0.5
Utah	932,462	1	932,462.0	0.1
Vermont	115,973	1	115,973.0	0.9
Virginia	1,869,737	13	143,825.9	0.7
Washington	1,663,283	25	66,531.3	1.5
West Virginia	364,160	2	182,080.0	0.5
Wisconsin	1,276,101	8	159,512.6	0.6
Wyoming	134,775	0	-	-
Total	73,398,119	611	120,127.9	0.8

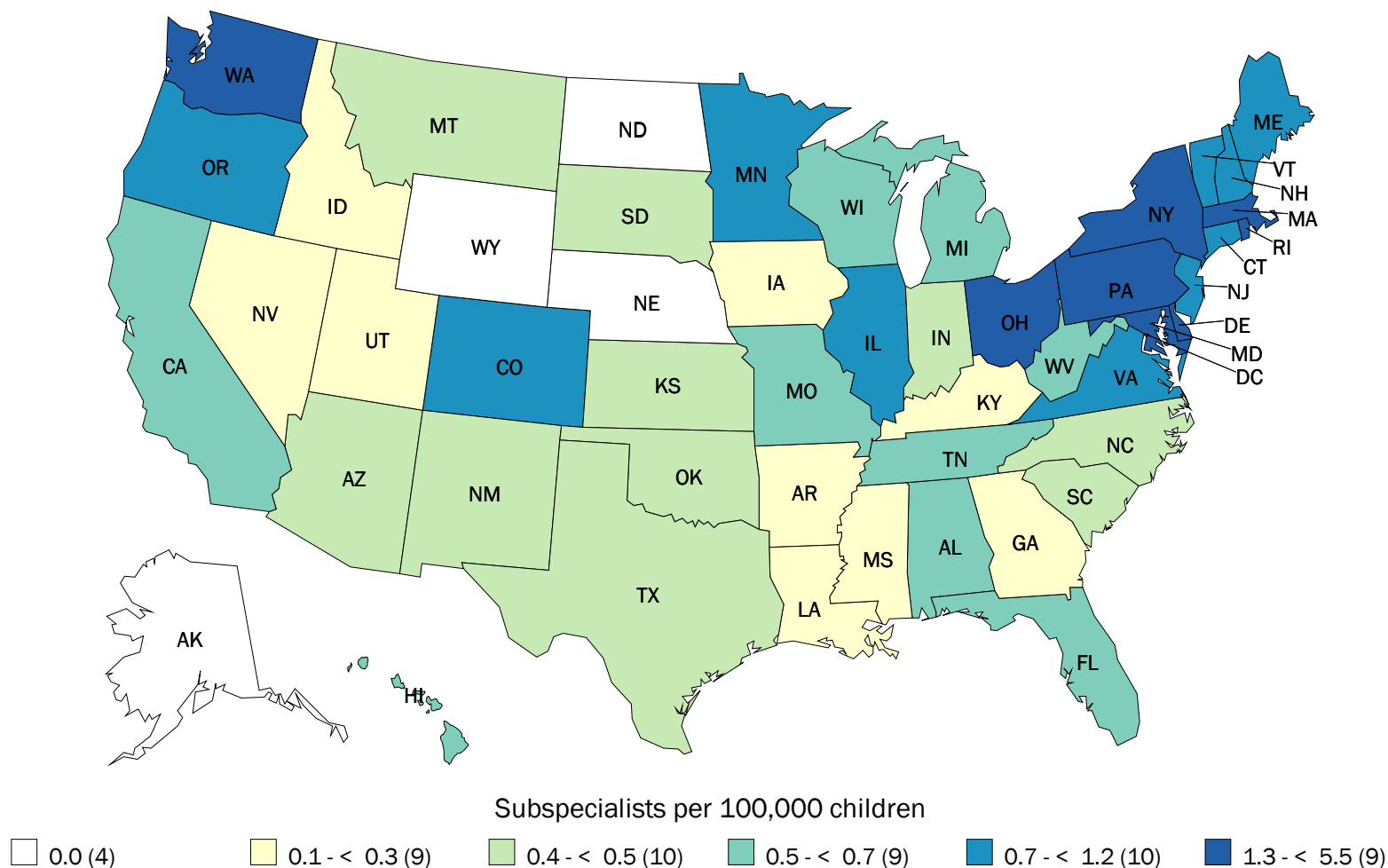
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Adolescent Medicine diplomates ever certified, age 70 and under (n=611), among all diplomates ever certified in Adolescent Medicine (n=737). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Adolescent Medicine subspecialist diplomates ever certified, 126 (17.1%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (104, 14.1%), diplomates whose address data are unavailable (10, 1.4%) and diplomates with an address outside of the 50 US states (12, 1.6%). While included in this table, approximately 19.0% of US-based Adolescent Medicine diplomates age 70 and under have lapsed certificates, and 0.6% have had their certifications revoked. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.1.1. Distribution of US-Based Adolescent Medicine Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Adolescent Medicine diplomates ever certified, age 70 and under (n=611), among all diplomates ever certified in Adolescent Medicine (n=737). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Adolescent Medicine subspecialist diplomates ever certified, 126 (17.1%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (104, 14.1%), diplomates whose address data are unavailable (10, 1.4%) and diplomates with an address outside of the 50 US states (12, 1.6%). While included in this map, approximately 19.0% of US-based Adolescent Medicine diplomates age 70 and under have lapsed certificates, and 0.6% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.1.4 Yearly Count of Adolescent Medicine Fellows by Training Levels 1-3 Since 2004 by Demographics

Table 4.1.4: Yearly Count of Adolescent Medicine Fellows by Training Levels 1-3 Since 2004 by Demographics																						
Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender												Total fellows
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male						
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%					
2004	Level 1	21	77.8	6	22.2	23	85.2	4	14.8	17	63.0	6	22.2	4	14.8	0	0.0	27				
	Level 2	23	85.2	4	14.8	25	92.6	2	7.4	21	77.8	4	14.8	2	7.4	0	0.0	27				
	Level 3	17	77.3	5	22.7	21	95.5	1	4.5	16	72.7	5	22.7	1	4.5	0	0.0	22				
	Subtotal	61	80.3	15	19.7	69	90.8	7	9.2	54	71.1	15	19.7	7	9.2	0	0.0	76				
2005	Level 1	17	94.4	1	5.6	15	83.3	3	16.7	14	77.8	1	5.6	3	16.7	0	0.0	18				
	Level 2	18	75.0	6	25.0	21	87.5	3	12.5	15	62.5	6	25.0	3	12.5	0	0.0	24				
	Level 3	18	81.8	4	18.2	21	95.5	1	4.5	17	77.3	4	18.2	1	4.5	0	0.0	22				
	Subtotal	53	82.8	11	17.2	57	89.1	7	10.9	46	71.9	11	17.2	7	10.9	0	0.0	64				
2006	Level 1	19	90.5	2	9.5	20	95.2	1	4.8	19	90.5	1	4.8	0	0.0	1	4.8	21				
	Level 2	17	89.5	2	10.5	16	84.2	3	15.8	14	73.7	2	10.5	3	15.8	0	0.0	19				
	Level 3	19	79.2	5	20.8	22	91.7	2	8.3	17	70.8	5	20.8	2	8.3	0	0.0	24				
	Subtotal	55	85.9	9	14.1	58	90.6	6	9.4	50	78.1	8	12.5	5	7.8	1	1.6	64				
2007	Level 1	18	78.3	5	21.7	18	78.3	5	21.7	13	56.5	5	21.7	5	21.7	0	0.0	23				
	Level 2	17	89.5	2	10.5	18	94.7	1	5.3	17	89.5	1	5.3	0	0.0	1	5.3	19				
	Level 3	15	93.8	1	6.3	14	87.5	2	12.5	13	81.3	1	6.3	2	12.5	0	0.0	16				
	Subtotal	50	86.2	8	13.8	50	86.2	8	13.8	43	74.1	7	12.1	7	12.1	1	1.7	58				
2008	Level 1	26	92.9	2	7.1	18	64.3	10	35.7	16	57.1	2	7.1	10	35.7	0	0.0	28				
	Level 2	16	80.0	4	20.0	16	80.0	4	20.0	12	60.0	4	20.0	4	20.0	0	0.0	20				
	Level 3	17	85.0	3	15.0	19	95.0	1	5.0	17	85.0	2	10.0	0	0.0	1	5.0	20				
	Subtotal	59	86.8	9	13.2	53	77.9	15	22.1	45	66.2	8	11.8	14	20.6	1	1.5	68				
2009	Level 1	15	65.2	8	34.8	20	87.0	3	13.0	13	56.5	7	30.4	2	8.7	1	4.3	23				
	Level 2	25	92.6	2	7.4	19	70.4	8	29.6	17	63.0	2	7.4	8	29.6	0	0.0	27				
	Level 3	13	81.3	3	18.8	12	75.0	4	25.0	9	56.3	3	18.8	4	25.0	0	0.0	16				
	Subtotal	53	80.3	13	19.7	51	77.3	15	22.7	39	59.1	12	18.2	14	21.2	1	1.5	66				
2010	Level 1	29	93.5	2	6.5	24	77.4	7	22.6	22	71.0	2	6.5	7	22.6	0	0.0	31				
	Level 2	14	66.7	7	33.3	18	85.7	3	14.3	12	57.1	6	28.6	2	9.5	1	4.8	21				
	Level 3	25	92.6	2	7.4	19	70.4	8	29.6	17	63.0	2	7.4	8	29.6	0	0.0	27				
	Subtotal	68	86.1	11	13.9	61	77.2	18	22.8	51	64.6	10	12.7	17	21.5	1	1.3	79				
2011	Level 1	21	95.5	1	4.5	16	72.7	6	27.3	15	68.2	1	4.5	6	27.3	0	0.0	22				
	Level 2	27	93.1	2	6.9	23	79.3	6	20.7	21	72.4	2	6.9	6	20.7	0	0.0	29				
	Level 3	12	66.7	6	33.3	15	83.3	3	16.7	10	55.6	5	27.8	2	11.1	1	5.6	18				
	Subtotal	60	87.0	9	13.0	54	78.3	15	21.7	46	66.7	8	11.6	14	20.3	1	1.4	69				
2012	Level 1	30	85.7	5	14.3	32	91.4	3	8.6	27	77.1	5	14.3	3	8.6	0	0.0	35				
	Level 2	19	95.0	1	5.0	14	70.0	6	30.0	13	65.0	1	5.0	6	30.0	0	0.0	20				
	Level 3	22	91.7	2	8.3	20	83.3	4	16.7	18	75.0	2	8.3	4	16.7	0	0.0	24				
	Subtotal	71	89.9	8	10.1	66	83.5	13	16.5	58	73.4	8	10.1	13	16.5	0	0.0	79				
2013	Level 1	18	81.8	4	18.2	18	81.8	4	18.2	14	63.6	4	18.2	4	18.2	0	0.0	22				
	Level 2	29	85.3	5	14.7	31	91.2	3	8.8	26	76.5	5	14.7	3	8.8	0	0.0	34				
	Level 3	16	94.1	1	5.9	12	70.6	5	29.4	11	64.7	1	5.9	5	29.4	0	0.0	17				
	Subtotal	63	86.3	10	13.7	61	83.6	12	16.4	51	69.9	10	13.7	12	16.4	0	0.0	73				
2014	Level 1	23	82.1	5	17.9	25	89.3	3	10.7	20	71.4	5	17.9	3	10.7	0	0.0	28				
	Level 2	17	81.0	4	19.0	17	81.0	4	19.0	13	61.9	4	19.0	4	19.0	0	0.0	21				
	Level 3	25	89.3	3	10.7	25	89.3	3	10.7	22	78.6	3	10.7	3	10.7	0	0.0	28				
	Subtotal	65	84.4	12	15.6	67	87.0	10	13.0	55	71.4	12	15.6	10	13.0	0	0.0	77				
2015	Level 1	27	79.4	7	20.6	29	85.3	5	14.7	22	64.7	7	20.6	5	14.7	0	0.0	34				
	Level 2	22	81.5	5	18.5	24	88.9	3	11.1	19	70.4	5	18.5	3	11.1	0	0.0	27				
	Level 3	17	85.0	3	15.0	16	80.0	4	20.0	13	65.0	3	15.0	4	20.0	0	0.0	20				
	Subtotal	66	81.5	15	18.5	69	85.2	12	14.8	54	66.7	15	18.5	12	14.8	0	0.0	81				
2016	Level 1	29	85.3	5	14.7	31	91.2	3	8.8	27	79.4	4	11.8	2	5.9	1	2.9	34				
	Level 2	23	76.7	7	23.3	25	83.3	5	16.7	18	60.0	7	23.3	5	16.7	0	0.0	30				
	Level 3	20	83.3	4	16.7	21	87.5	3	12.5	17	70.8	4	16.7	3	12.5	0	0.0	24				
	Subtotal	72	81.8	16	18.2	77	87.5	11	12.5	62	70.5	15	17.0	10	11.4	1	1.1	88				
2017	Level 1	23	79.3	6	20.7	23	79.3	6	20.7	17	58.6	6	20.7	6	20.7	0	0.0	29				
	Level 2	28	84.8	5	15.2	30	90.9	3	9.1	26	78.8	4	12.1	2	6.1	1	3.0	33				
	Level 3	18	69.2	8	30.8	22	84.6	4	15.4	14	53.8	8	30.8	4	15.4	0	0.0	26				
	Subtotal	69	78.4	19	21.6	75	85.2	13	14.8	57	64.8	18	20.5	12	13.6	1	1.1	88				
2018	Level 1	24	80.0	6	20.0	28	93.3	2	6.7	22	73.3	6	20.0	2	6.7	0	0.0	30				
	Level 2	22	78.6	6	21.4	22	78.6	6	21.4	16	57.1	6	21.4	6	21.4	0	0.0	28				
	Level 3	24	80.0	6	20.0	29	96.7	1	3.3	24	80.0	5	16.7	0	0.0	1	3.3	30				
	Subtotal	70	79.5	18	20.5	79	89.8	9	10.2	62	70.5	17	19.3	8	9.1	1	1.1	88				
2019	Level 1	31	86.1	5	13.9	32	88.9	4	11.1	28	77.8	4	11.1	3	8.3	1	2.8	36				
	Level 2	24	80.0	6	20.0	28	93.3	2	6.7	22	73.3	6	20.0	2	6.7	0	0.0	30				
	Level 3	22	78.6	6	21.4	21	75.0	7	25.0	15	53.6	6	21.4	7	25.0	0	0.0	28				
	Subtotal	77	81.9	17	18.1	81	86.2	13	13.8	65	69.1	16	17.0	12	12.8	1	1.1	94				

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Adolescent Medicine programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.1.2 Yearly Count of First-Year (Level 1) Fellows in Adolescent Medicine Programs Since 2004 by Gender

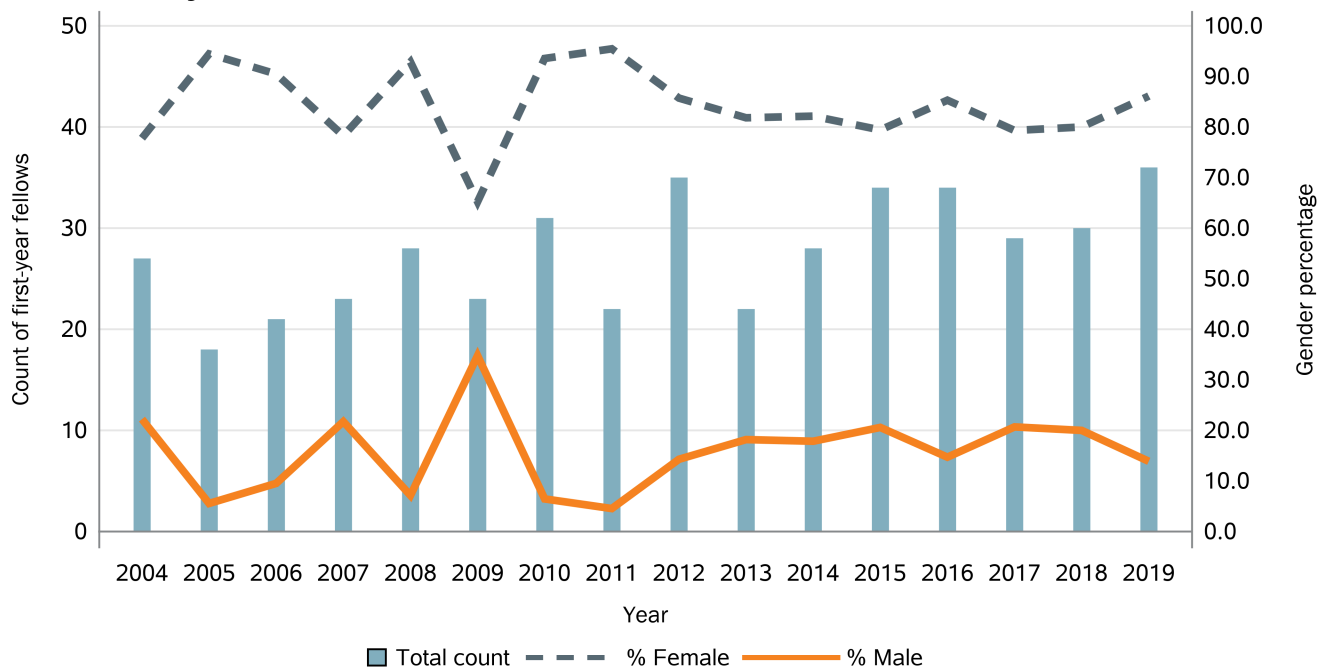
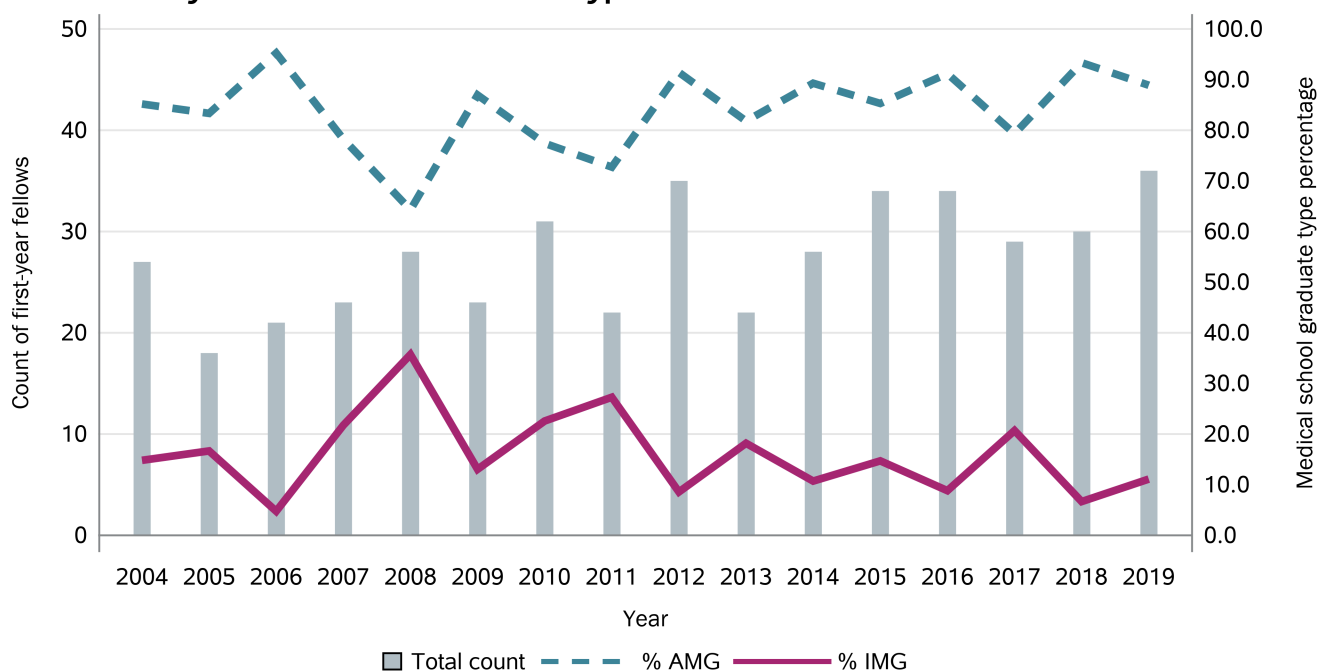


Figure 4.1.3 Yearly Count of First-Year (Level 1) Fellows in Adolescent Medicine Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.1.4.

4.2. Pediatric Cardiology

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Pediatric Cardiology Fellowship Tracking information

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Table 4.2.1. All Pediatric Cardiology Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=770)		Time-limited/ no end date (n=2,501)		Lapsed (n=222)		Revoked (n=6)		Total (n=3,499)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	584	23.4	12	5.4	0	0.0	596	17.0
41 to 50	0	0.0	934	37.3	51	23.0	0	0.0	985	28.2
51 to 60	0	0.0	625	25.0	62	27.9	0	0.0	687	19.6
61 to 70	99	12.9	342	13.7	75	33.8	1	16.7	517	14.8
71 to 80	284	36.9	16	0.6	19	8.6	3	50.0	322	9.2
81 to 90	144	18.7	0	0.0	2	0.9	0	0.0	146	4.2
> 90	28	3.6	0	0.0	1	0.5	1	16.7	30	0.9
No birth year available	215	27.9	0	0.0	0	0.0	1	16.7	216	6.2
Gender										
Female	141	18.3	947	37.9	62	27.9	0	0.0	1,150	32.9
Male	629	81.7	1,554	62.1	160	72.1	6	100.0	2,349	67.1
Medical school graduate type										
AMG	548	71.2	1,905	76.2	145	65.3	4	66.7	2,602	74.4
IMG	222	28.8	596	23.8	77	34.7	2	33.3	897	25.6

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Cardiology since certification was first awarded in 1961 (n=3,499).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 6.2% of Pediatric Cardiology diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.2.2. All Pediatric Cardiology Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=99)		Time-limited/ no end date (n=2,485)		Lapsed (n=200)		Revoked (n=1)		Total (n=2,785)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	584	23.5	12	6.0	0	0.0	596	21.4
41 to 50	0	0.0	934	37.6	51	25.5	0	0.0	985	35.4
51 to 60	0	0.0	625	25.2	62	31.0	0	0.0	687	24.7
61 to 70	99	100.0	342	13.8	75	37.5	1	100.0	517	18.6
Gender										
Female	18	18.2	943	37.9	61	30.5	0	0.0	1,022	36.7
Male	81	81.8	1,542	62.1	139	69.5	1	100.0	1,763	63.3
Medical school graduate type										
AMG	91	91.9	1,893	76.2	132	66.0	0	0.0	2,116	76.0
IMG	8	8.1	592	23.8	68	34.0	1	100.0	669	24.0

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Cardiology since certification was first awarded in 1961 (n=2,785).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 6.2% of Pediatric Cardiology diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.2.3. US-Based Pediatric Cardiology Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	18	60,545.6	1.7
Alaska	183,816	3	61,272.0	1.6
Arizona	1,642,647	46	35,709.7	2.8
Arkansas	703,180	21	33,484.8	3.0
California	8,989,764	292	30,786.9	3.2
Colorado	1,265,232	50	25,304.6	4.0
Connecticut	735,193	27	27,229.4	3.7
Delaware	203,616	10	20,361.6	4.9
District of Columbia	127,494	22	5,795.2	17.3
Florida	4,229,071	168	25,173.0	4.0
Georgia	2,505,531	73	34,322.3	2.9
Hawaii	303,413	10	30,341.3	3.3
Idaho	446,972	5	89,394.4	1.1
Illinois	2,857,131	110	25,973.9	3.9
Indiana	1,568,130	31	50,584.8	2.0
Iowa	730,767	21	34,798.4	2.9
Kansas	705,961	27	26,146.7	3.8
Kentucky	1,008,829	28	36,029.6	2.8
Louisiana	1,095,916	34	32,232.8	3.1
Maine	250,404	9	27,822.7	3.6
Maryland	1,340,148	69	19,422.4	5.1
Massachusetts	1,366,857	97	14,091.3	7.1
Michigan	2,164,668	87	24,881.2	4.0
Minnesota	1,302,615	47	27,715.2	3.6
Mississippi	706,138	14	50,438.4	2.0
Missouri	1,376,751	50	27,535.0	3.6
Montana	229,434	5	45,886.8	2.2
Nebraska	476,841	15	31,789.4	3.1
Nevada	688,997	15	45,933.1	2.2
New Hampshire	258,170	8	32,271.3	3.1
New Jersey	1,953,631	76	25,705.7	3.9
New Mexico	482,153	8	60,269.1	1.7
New York	4,068,092	175	23,246.2	4.3
North Carolina	2,300,622	72	31,953.1	3.1
North Dakota	178,697	2	89,348.5	1.1
Ohio	2,593,325	136	19,068.6	5.2
Oklahoma	956,433	16	59,777.1	1.7
Oregon	873,567	24	36,398.6	2.7
Pennsylvania	2,648,911	141	18,786.6	5.3
Rhode Island	205,202	7	29,314.6	3.4
South Carolina	1,105,655	37	29,882.6	3.3
South Dakota	217,606	4	54,401.5	1.8
Tennessee	1,506,219	69	21,829.3	4.6
Texas	7,398,009	223	33,174.9	3.0
Utah	932,462	34	27,425.4	3.6
Vermont	115,973	3	38,657.7	2.6
Virginia	1,869,737	69	27,097.6	3.7
Washington	1,663,283	60	27,721.4	3.6
West Virginia	364,160	9	40,462.2	2.5
Wisconsin	1,276,101	50	25,522.0	3.9
Wyoming	134,775	0	-	-
Total	73,398,119	2,627	27,939.9	3.6

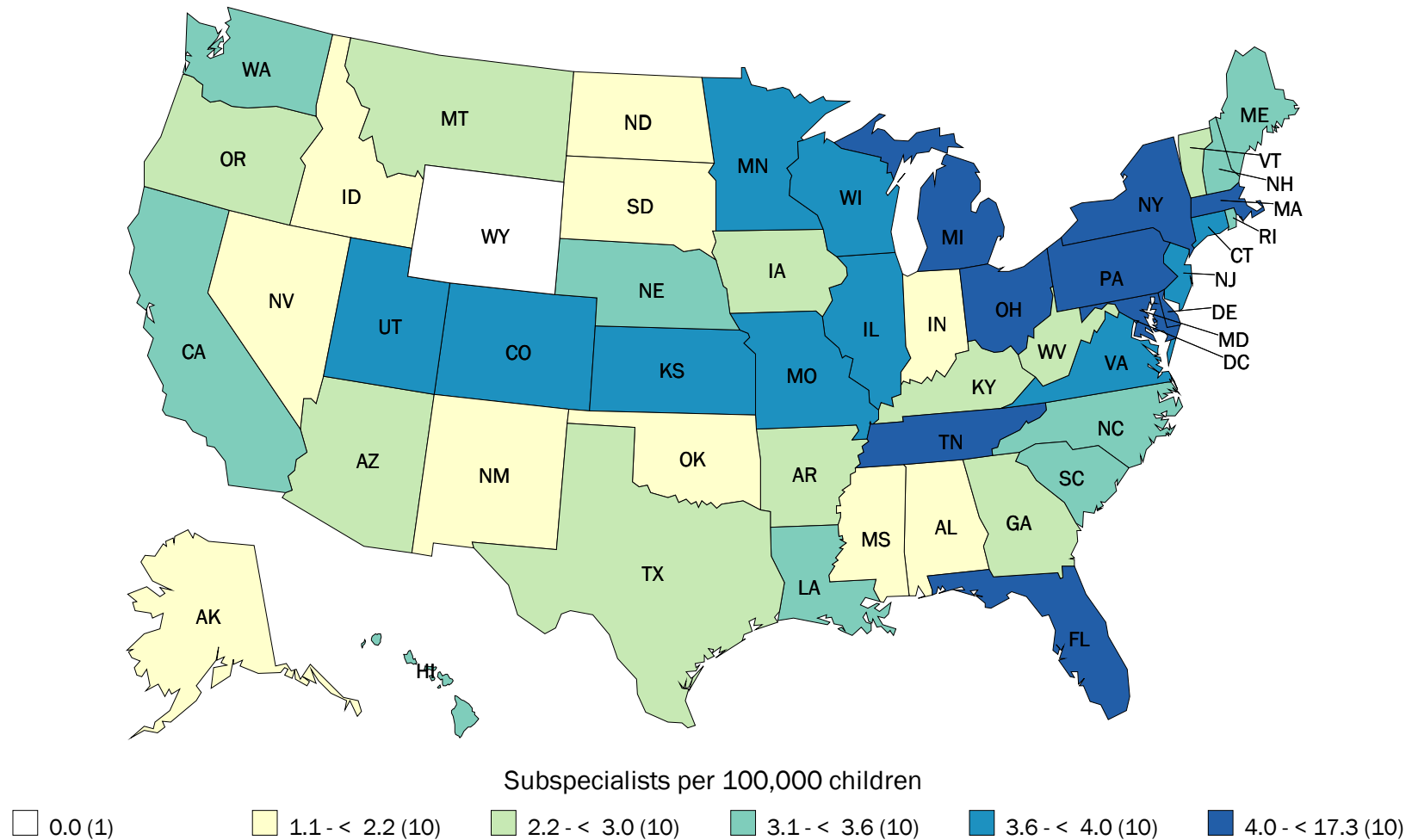
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Cardiology diplomates ever certified, age 70 and under (n=2,627), among all diplomates ever certified in Pediatric Cardiology (n=3,499). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Cardiology subspecialist diplomates ever certified, 872 (24.9%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (498, 14.2%), diplomates for whom birth year data is unavailable (216, 6.2%), diplomates whose address data are unavailable (68, 1.9%) and diplomates with an address outside of the 50 US states (90, 2.6%). While included in this table, approximately 7.2% of US-based Pediatric Cardiology diplomates age 70 and under have lapsed certificates. When '1' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.2.1. Distribution of US-Based Pediatric Cardiology Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Cardiology diplomates ever certified, age 70 and under (n=2,627), among all diplomates ever certified in Pediatric Cardiology (n=3,499). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Cardiology subspecialist diplomates ever certified, 872 (24.9%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (498, 14.2%), diplomates for whom birth year data is unavailable (216, 6.2%), diplomates whose address data are unavailable (68, 1.9%) and diplomates with an address outside of the 50 US states (90, 2.6%). While included in this map, approximately 7.2% of US-based Pediatric Cardiology diplomates age 70 and under have lapsed certificates. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.2.4 Yearly Count of Pediatric Cardiology Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training level	Gender				Medical school graduate type				Medical school graduate type by gender								Total fellows	
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male		n	n
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%		
2004	Level 1	49	46.2	57	53.8	81	76.4	25	23.6	37	34.9	44	41.5	12	11.3	13	12.3	106	
	Level 2	25	29.1	61	70.9	68	79.1	18	20.9	20	23.3	48	55.8	5	5.8	13	15.1	86	
	Level 3	24	30.4	55	69.6	59	74.7	20	25.3	17	21.5	42	53.2	7	8.9	13	16.5	79	
	Subtotal	98	36.2	173	63.8	208	76.8	63	23.2	74	27.3	134	49.4	24	8.9	39	14.4	271	
2005	Level 1	39	39.8	59	60.2	68	69.4	30	30.6	27	27.6	41	41.8	12	12.2	18	18.4	98	
	Level 2	47	46.1	55	53.9	77	75.5	25	24.5	35	34.3	42	41.2	12	11.8	13	12.7	102	
	Level 3	23	28.4	58	71.6	64	79.0	17	21.0	18	22.2	46	56.8	5	6.2	12	14.8	81	
	Subtotal	109	38.8	172	61.2	209	74.4	72	25.6	80	28.5	129	45.9	29	10.3	43	15.3	281	
2006	Level 1	46	42.2	63	57.8	81	74.3	28	25.7	33	30.3	48	44.0	13	11.9	15	13.8	109	
	Level 2	35	37.6	58	62.4	65	69.9	28	30.1	25	26.9	40	43.0	10	10.8	18	19.4	93	
	Level 3	44	45.4	53	54.6	76	78.4	21	21.6	33	34.0	43	44.3	11	11.3	10	10.3	97	
	Subtotal	125	41.8	174	58.2	222	74.2	77	25.8	91	30.4	131	43.8	34	11.4	43	14.4	299	
2007	Level 1	48	43.6	62	56.4	78	70.9	32	29.1	32	29.1	46	41.8	16	14.5	16	14.5	110	
	Level 2	43	41.3	61	58.7	79	76.0	25	24.0	31	29.8	48	46.2	12	11.5	13	12.5	104	
	Level 3	33	37.1	56	62.9	65	73.0	24	27.0	25	28.1	40	44.9	8	9.0	16	18.0	89	
	Subtotal	124	40.9	179	59.1	222	73.3	81	26.7	88	29.0	134	44.2	36	11.9	45	14.9	303	
2008	Level 1	48	37.8	79	62.2	100	78.7	27	21.3	40	31.5	60	47.2	8	6.3	19	15.0	127	
	Level 2	46	43.0	61	57.0	75	70.1	32	29.9	31	29.0	44	41.1	15	14.0	17	15.9	107	
	Level 3	41	41.8	57	58.2	76	77.6	22	22.4	30	30.6	46	46.9	11	11.2	11	11.2	98	
	Subtotal	135	40.7	197	59.3	251	75.6	81	24.4	101	30.4	150	45.2	34	10.2	47	14.2	332	
2009	Level 1	56	45.2	68	54.8	94	75.8	30	24.2	41	33.1	53	42.7	15	12.1	15	12.1	124	
	Level 2	47	38.2	76	61.8	97	78.9	26	21.1	39	31.7	58	47.2	8	6.5	18	14.6	123	
	Level 3	46	42.6	62	57.4	77	71.3	31	28.7	31	28.7	46	42.6	15	13.9	16	14.8	108	
	Subtotal	149	42.0	206	58.0	268	75.5	87	24.5	111	31.3	157	44.2	38	10.7	49	13.8	355	
2010	Level 1	56	39.4	86	60.6	108	76.1	34	23.9	46	32.4	62	43.7	10	7.0	24	16.9	142	
	Level 2	55	45.5	66	54.5	93	76.9	28	23.1	41	33.9	52	43.0	14	11.6	14	11.6	121	
	Level 3	44	37.9	72	62.1	92	79.3	24	20.7	37	31.9	55	47.4	7	6.0	17	14.7	116	
	Subtotal	155	40.9	224	59.1	293	77.3	86	22.7	124	32.7	169	44.6	31	8.2	55	14.5	379	
2011	Level 1	54	38.6	86	61.4	103	73.6	37	26.4	42	30.0	61	43.6	12	8.6	25	17.9	140	
	Level 2	55	39.9	83	60.1	107	77.5	31	22.5	46	33.3	61	44.2	9	6.5	22	15.9	138	
	Level 3	54	46.2	63	53.8	92	78.6	25	21.4	42	35.9	50	42.7	12	10.3	13	11.1	117	
	Subtotal	163	41.3	232	58.7	302	76.5	93	23.5	130	32.9	172	43.5	33	8.4	60	15.2	395	
2012	Level 1	75	54.3	63	45.7	102	73.9	36	26.1	59	42.8	43	31.2	16	11.6	20	14.5	138	
	Level 2	49	37.1	83	62.9	102	77.3	30	22.7	39	29.5	63	47.7	10	7.6	20	15.2	132	
	Level 3	51	39.2	79	60.8	99	76.2	31	23.8	42	32.3	57	43.8	9	6.9	22	16.9	130	
	Subtotal	175	43.8	225	56.3	303	75.8	97	24.3	140	35.0	163	40.8	35	8.8	62	15.5	400	
2013	Level 1	70	49.6	71	50.4	102	72.3	39	27.7	54	38.3	48	34.0	16	11.3	23	16.3	141	
	Level 2	73	53.7	63	46.3	99	72.8	37	27.2	57	41.9	42	30.9	16	11.8	21	15.4	136	
	Level 3	53	40.5	78	59.5	102	77.9	29	22.1	42	32.1	60	45.8	11	8.4	18	13.7	131	
	Subtotal	196	48.0	212	52.0	303	74.3	105	25.7	153	37.5	150	36.8	43	10.5	62	15.2	408	
2014	Level 1	70	48.6	74	51.4	112	77.8	32	22.2	55	38.2	57	39.6	15	10.4	17	11.8	144	
	Level 2	69	49.6	70	50.4	102	73.4	37	26.6	54	38.8	48	34.5	15	10.8	22	15.8	139	
	Level 3	68	52.3	62	47.7	96	73.8	34	26.2	53	40.8	43	33.1	15	11.5	19	14.6	130	
	Subtotal	207	50.1	206	49.9	310	75.1	103	24.9	162	39.2	148	35.8	45	10.9	58	14.0	413	
2015	Level 1	78	52.7	70	47.3	109	73.6	39	26.4	57	38.5	52	35.1	21	14.2	18	12.2	148	
	Level 2	68	48.2	73	51.8	111	78.7	30	21.3	54	38.3	57	40.4	14	9.9	16	11.3	141	
	Level 3	68	51.1	65	48.9	99	74.4	34	25.6	53	39.8	46	34.6	15	11.3	19	14.3	133	
	Subtotal	214	50.7	208	49.3	319	75.6	103	24.4	164	38.9	155	36.7	50	11.8	53	12.6	422	
2016	Level 1	72	47.7	79	52.3	122	80.8	29	19.2	58	38.4	64	42.4	14	9.3	15	9.9	151	
	Level 2	75	51.4	71	48.6	106	72.6	40	27.4	54	37.0	52	35.6	21	14.4	19	13.0	146	
	Level 3	66	48.2	71	51.8	108	78.8	29	21.2	53	38.7	55	40.1	13	9.5	16	11.7	137	
	Subtotal	213	49.1	221	50.9	336	77.4	98	22.6	165	38.0	171	39.4	48	11.1	50	11.5	434	
2017	Level 1	82	54.3	69	45.7	125	82.8	26	17.2	71	47.0	54	35.8	11	7.3	15	9.9	151	
	Level 2	71	49.0	74	51.0	117	80.7	28	19.3	57	39.3	60	41.4	14	9.7	14	9.7	145	
	Level 3	71	50.0	71	50.0	103	72.5	39	27.5	51	35.9	52	36.6	20	14.1	19	13.4	142	
	Subtotal	224	51.1	214	48.9	345	78.8	93	21.2	179	40.9	166	37.9	45	10.3	48	11.0	438	
2018	Level 1	76	49.7	77	50.3	118	77.1	35	22.9	61	39.9	57	37.3	15	9.8	20	13.1	153	
	Level 2	77	53.1	68	46.9	119	82.1	26	17.9	66	45.5	53	36.6	11	7.6	15	10.3	145	
	Level 3	69	48.6	73	51.4	115	81.0	27	19.0	55	38.7	60	42.3	14	9.9	13	9.2	142	
	Subtotal	222	50.5	218	49.5	352	80.0	88	20.0	182	41.4	170	38.6	40	9.1	48	10.9	440	
2019	Level 1	81	50.6	79	49.4	127	79.4	33	20.6	68	42.5	59	36.9	13	8.1	20	12.5	160	
	Level 2	77	50.0	77	50.0	119	77.3	35	22.7	62	40.3	57	37.0	15	9.7	20	13.0	154	
	Level 3	73	52.5	66	47.5	116	83.5	23	16.5	63	45.3	53	38.1	10	7.2	13	9.4	139	
	Subtotal	231	51.0	222	49.0	362	79.9	91	20.1	193	42.6	169	37.3	38	8.4	53	11.7	453	

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Pediatric Cardiology programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.2.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Cardiology Programs Since 2004 by Gender

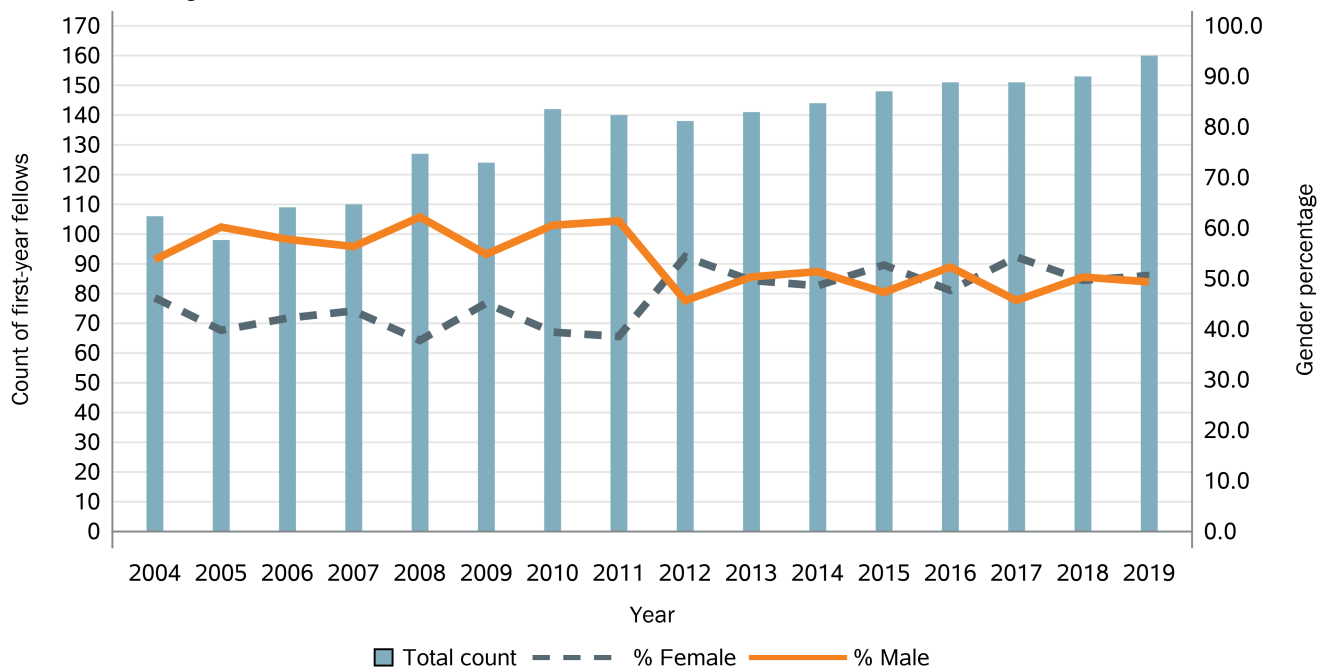
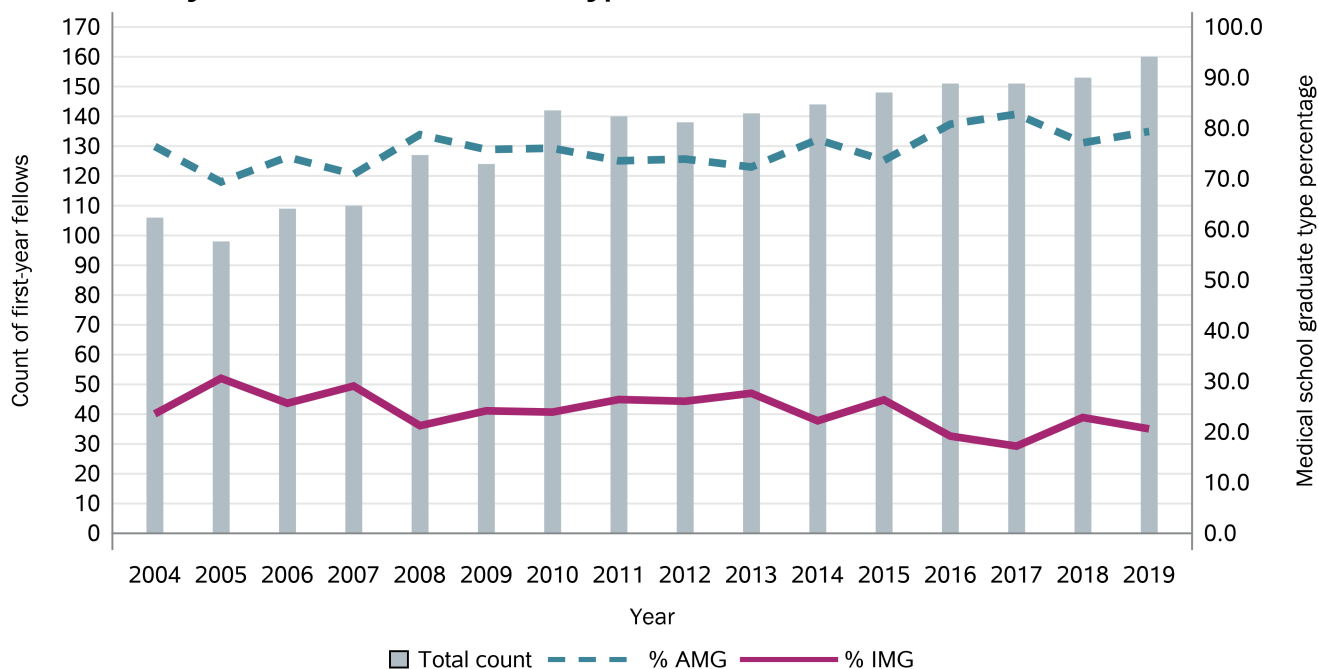


Figure 4.2.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Cardiology Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.2.4.

4.3. Child Abuse Pediatrics

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Child Abuse Pediatrics Fellowship Tracking information

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Table 4.3.1. All Child Abuse Pediatrics Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=340)		Lapsed (n=35)		Revoked (n=0)		Total (n=375)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	32	9.4	1	2.9	0	0.0	33	8.8
41 to 50	0	0.0	109	32.1	2	5.7	0	0.0	111	29.6
51 to 60	0	0.0	105	30.9	3	8.6	0	0.0	108	28.8
61 to 70	0	0.0	73	21.5	18	51.4	0	0.0	91	24.3
71 to 80	0	0.0	21	6.2	11	31.4	0	0.0	32	8.5
81 to 90	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
> 90	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
No birth year available	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gender										
Female	0	0.0	266	78.2	20	57.1	0	0.0	286	76.3
Male	0	0.0	74	21.8	15	42.9	0	0.0	89	23.7
Medical school graduate type										
AMG	0	0.0	323	95.0	33	94.3	0	0.0	356	94.9
IMG	0	0.0	17	5.0	2	5.7	0	0.0	19	5.1

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Child Abuse Pediatrics since certification was first awarded in 2009 (n=375).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.3.2. All Child Abuse Pediatrics Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=319)		Lapsed (n=24)		Revoked (n=0)		Total (n=343)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	32	10.0	1	4.2	0	0.0	33	9.6
41 to 50	0	0.0	109	34.2	2	8.3	0	0.0	111	32.4
51 to 60	0	0.0	105	32.9	3	12.5	0	0.0	108	31.5
61 to 70	0	0.0	73	22.9	18	75.0	0	0.0	91	26.5
Gender										
Female	0	0.0	256	80.3	16	66.7	0	0.0	272	79.3
Male	0	0.0	63	19.7	8	33.3	0	0.0	71	20.7
Medical school graduate type										
AMG	0	0.0	302	94.7	22	91.7	0	0.0	324	94.5
IMG	0	0.0	17	5.3	2	8.3	0	0.0	19	5.5

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Child Abuse Pediatrics since certification was first awarded in 2009 (n=343).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.3.3. US-Based Child Abuse Pediatrics Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	4	272,455.0	0.4
Alaska	183,816	0	-	-
Arizona	1,642,647	6	273,774.5	0.4
Arkansas	703,180	2	351,590.0	0.3
California	8,989,764	39	230,506.8	0.4
Colorado	1,265,232	7	180,747.4	0.6
Connecticut	735,193	4	183,798.3	0.5
Delaware	203,616	0	-	-
District of Columbia	127,494	2	63,747.0	1.6
Florida	4,229,071	15	281,938.1	0.4
Georgia	2,505,531	5	501,106.2	0.2
Hawaii	303,413	1	303,413.0	0.3
Idaho	446,972	2	223,486.0	0.4
Illinois	2,857,131	17	168,066.5	0.6
Indiana	1,568,130	5	313,626.0	0.3
Iowa	730,767	3	243,589.0	0.4
Kansas	705,961	6	117,660.2	0.8
Kentucky	1,008,829	5	201,765.8	0.5
Louisiana	1,095,916	4	273,979.0	0.4
Maine	250,404	0	-	-
Maryland	1,340,148	10	134,014.8	0.7
Massachusetts	1,366,857	9	151,873.0	0.7
Michigan	2,164,668	11	196,788.0	0.5
Minnesota	1,302,615	6	217,102.5	0.5
Mississippi	706,138	1	706,138.0	0.1
Missouri	1,376,751	7	196,678.7	0.5
Montana	229,434	0	-	-
Nebraska	476,841	1	476,841.0	0.2
Nevada	688,997	1	688,997.0	0.1
New Hampshire	258,170	0	-	-
New Jersey	1,953,631	9	217,070.1	0.5
New Mexico	482,153	2	241,076.5	0.4
New York	4,068,092	24	169,503.8	0.6
North Carolina	2,300,622	17	135,330.7	0.7
North Dakota	178,697	0	-	-
Ohio	2,593,325	15	172,888.3	0.6
Oklahoma	956,433	5	191,286.6	0.5
Oregon	873,567	8	109,195.9	0.9
Pennsylvania	2,648,911	20	132,445.6	0.8
Rhode Island	205,202	2	102,601.0	1.0
South Carolina	1,105,655	9	122,850.6	0.8
South Dakota	217,606	1	217,606.0	0.5
Tennessee	1,506,219	6	251,036.5	0.4
Texas	7,398,009	21	352,286.1	0.3
Utah	932,462	6	155,410.3	0.6
Vermont	115,973	2	57,986.5	1.7
Virginia	1,869,737	2	934,868.5	0.1
Washington	1,663,283	4	415,820.8	0.2
West Virginia	364,160	2	182,080.0	0.5
Wisconsin	1,276,101	5	255,220.2	0.4
Wyoming	134,775	0	-	-
Total	73,398,119	333	220,414.8	0.5

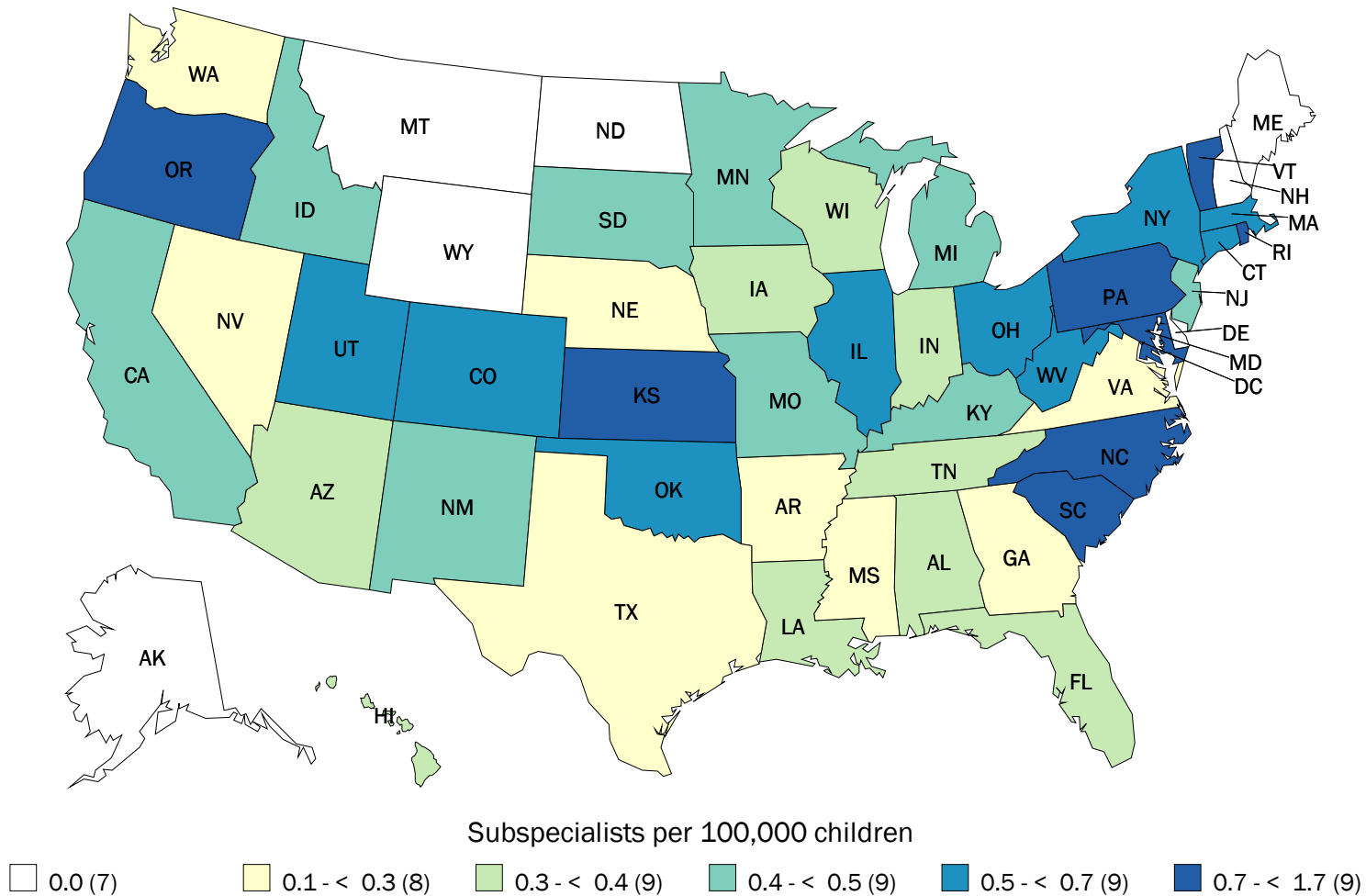
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Child Abuse Pediatrics diplomates ever certified, age 70 and under (n=333), among all diplomates ever certified in Child Abuse Pediatrics (n=375). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Child Abuse Pediatrics subspecialist diplomates ever certified, 42 (11.2%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (32, 8.5%), diplomates whose address data are unavailable (1, 0.3%) and diplomates with an address outside of the 50 US states (9, 2.4%). While included in this table, approximately 7.0% of US-based Child Abuse Pediatrics diplomates age 70 and under have lapsed certificates. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.3.1. Distribution of US-Based Child Abuse Pediatrics Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Child Abuse Pediatrics diplomates ever certified, age 70 and under (n=333), among all diplomates ever certified in Child Abuse Pediatrics (n=375). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Child Abuse Pediatrics subspecialist diplomates ever certified, 42 (11.2%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (32, 8.5%), diplomates whose address data are unavailable (1, 0.3%) and diplomates with an address outside of the 50 US states (9, 2.4%). While included in this map, approximately 7.0% of US-based Child Abuse Pediatrics diplomates age 70 and under have lapsed certificates. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.3.4 Yearly Count of Child Abuse Pediatrics Fellows by Training Levels 1-3 Since 2007 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender												Total fellows
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male						
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%					
2007	Level 1	9	81.8	2	18.2	11	100.0	0	0.0	9	81.8	2	18.2	0	0.0	0	0.0	11				
	Level 2	11	91.7	1	8.3	11	91.7	1	8.3	10	83.3	1	8.3	1	8.3	0	0.0	12				
	Subtotal	20	87.0	3	13.0	22	95.7	1	4.3	19	82.6	3	13.0	1	4.3	0	0.0	23				
2008	Level 1	10	90.9	1	9.1	10	90.9	1	9.1	9	81.8	1	9.1	1	9.1	0	0.0	11				
	Level 2	5	71.4	2	28.6	7	100.0	0	0.0	5	71.4	2	28.6	0	0.0	0	0.0	7				
	Level 3	3	100.0	0	0.0	3	100.0	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3				
	Subtotal	18	85.7	3	14.3	20	95.2	1	4.8	17	81.0	3	14.3	1	4.8	0	0.0	21				
2009	Level 1	9	100.0	0	0.0	8	88.9	1	11.1	8	88.9	0	0.0	1	11.1	0	0.0	9				
	Level 2	8	80.0	2	20.0	9	90.0	1	10.0	7	70.0	2	20.0	1	10.0	0	0.0	10				
	Level 3	3	75.0	1	25.0	4	100.0	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0	4				
	Subtotal	20	87.0	3	13.0	21	91.3	2	8.7	18	78.3	3	13.0	2	8.7	0	0.0	23				
2010	Level 1	5	45.5	6	54.5	10	90.9	1	9.1	5	45.5	5	45.5	0	0.0	1	9.1	11				
	Level 2	9	100.0	0	0.0	9	100.0	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0	9				
	Level 3	4	80.0	1	20.0	5	100.0	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0	5				
	Subtotal	18	72.0	7	28.0	24	96.0	1	4.0	18	72.0	6	24.0	0	0.0	1	4.0	25				
2011	Level 1	7	87.5	1	12.5	8	100.0	0	0.0	7	87.5	1	12.5	0	0.0	0	0.0	8				
	Level 2	5	45.5	6	54.5	10	90.9	1	9.1	5	45.5	5	45.5	0	0.0	1	9.1	11				
	Level 3	2	100.0	0	0.0	2	100.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2				
	Subtotal	14	66.7	7	33.3	20	95.2	1	4.8	14	66.7	6	28.6	0	0.0	1	4.8	21				
2012	Level 1	11	100.0	0	0.0	10	90.9	1	9.1	10	90.9	0	0.0	1	9.1	0	0.0	11				
	Level 2	7	87.5	1	12.5	8	100.0	0	0.0	7	87.5	1	12.5	0	0.0	0	0.0	8				
	Level 3	5	45.5	6	54.5	10	90.9	1	9.1	5	45.5	5	45.5	0	0.0	1	9.1	11				
	Subtotal	23	76.7	7	23.3	28	93.3	2	6.7	22	73.3	6	20.0	1	3.3	1	3.3	30				
2013	Level 1	11	91.7	1	8.3	10	83.3	2	16.7	9	75.0	1	8.3	2	16.7	0	0.0	12				
	Level 2	10	100.0	0	0.0	9	90.0	1	10.0	9	90.0	0	0.0	1	10.0	0	0.0	10				
	Level 3	9	100.0	0	0.0	9	100.0	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0	9				
	Subtotal	30	96.8	1	3.2	28	90.3	3	9.7	27	87.1	1	3.2	3	9.7	0	0.0	31				
2014	Level 1	11	84.6	2	15.4	12	92.3	1	7.7	10	76.9	2	15.4	1	7.7	0	0.0	13				
	Level 2	10	90.9	1	9.1	10	90.9	1	9.1	9	81.8	1	9.1	1	9.1	0	0.0	11				
	Level 3	10	100.0	0	0.0	9	90.0	1	10.0	9	90.0	0	0.0	1	10.0	0	0.0	10				
	Subtotal	31	91.2	3	8.8	31	91.2	3	8.8	28	82.4	3	8.8	3	8.8	0	0.0	34				
2015	Level 1	15	93.8	1	6.3	12	75.0	4	25.0	12	75.0	0	0.0	3	18.8	1	6.3	16				
	Level 2	11	84.6	2	15.4	12	92.3	1	7.7	10	76.9	2	15.4	1	7.7	0	0.0	13				
	Level 3	8	88.9	1	11.1	8	88.9	1	11.1	7	77.8	1	11.1	1	11.1	0	0.0	9				
	Subtotal	34	89.5	4	10.5	32	84.2	6	15.8	29	76.3	3	7.9	5	13.2	1	2.6	38				
2016	Level 1	7	100.0	0	0.0	7	100.0	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0	7				
	Level 2	14	87.5	2	12.5	13	81.3	3	18.8	12	75.0	1	6.3	2	12.5	1	6.3	16				
	Level 3	13	92.9	1	7.1	13	92.9	1	7.1	12	85.7	1	7.1	1	7.1	0	0.0	14				
	Subtotal	34	91.9	3	8.1	33	89.2	4	10.8	31	83.8	2	5.4	3	8.1	1	2.7	37				
2017	Level 1	12	85.7	2	14.3	13	92.9	1	7.1	11	78.6	2	14.3	1	7.1	0	0.0	14				
	Level 2	7	100.0	0	0.0	7	100.0	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0	7				
	Level 3	14	93.3	1	6.7	12	80.0	3	20.0	12	80.0	0	0.0	2	13.3	1	6.7	15				
	Subtotal	33	91.7	3	8.3	32	88.9	4	11.1	30	83.3	2	5.6	3	8.3	1	2.8	36				
2018	Level 1	16	88.9	2	11.1	15	83.3	3	16.7	13	72.2	2	11.1	3	16.7	0	0.0	18				
	Level 2	10	83.3	2	16.7	11	91.7	1	8.3	9	75.0	2	16.7	1	8.3	0	0.0	12				
	Level 3	6	100.0	0	0.0	6	100.0	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0	6				
	Subtotal	32	88.9	4	11.1	32	88.9	4	11.1	28	77.8	4	11.1	4	11.1	0	0.0	36				
2019	Level 1	14	87.5	2	12.5	14	87.5	2	12.5	12	75.0	2	12.5	2	12.5	0	0.0	16				
	Level 2	15	93.8	1	6.3	14	87.5	2	12.5	13	81.3	1	6.3	2	12.5	0	0.0	16				
	Level 3	11	84.6	2	15.4	11	84.6	2	15.4	9	69.2	2	15.4	2	15.4	0	0.0	13				
	Subtotal	40	88.9	5	11.1	39	86.7	6	13.3	34	75.6	5	11.1	6	13.3	0	0.0	45				

Source: ABP Certification Management System. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Child Abuse Pediatrics programs in the US and Puerto Rico since 2007.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.3.2 Yearly Count of First-Year (Level 1) Fellows in Child Abuse Pediatrics Programs Since 2007 by Gender

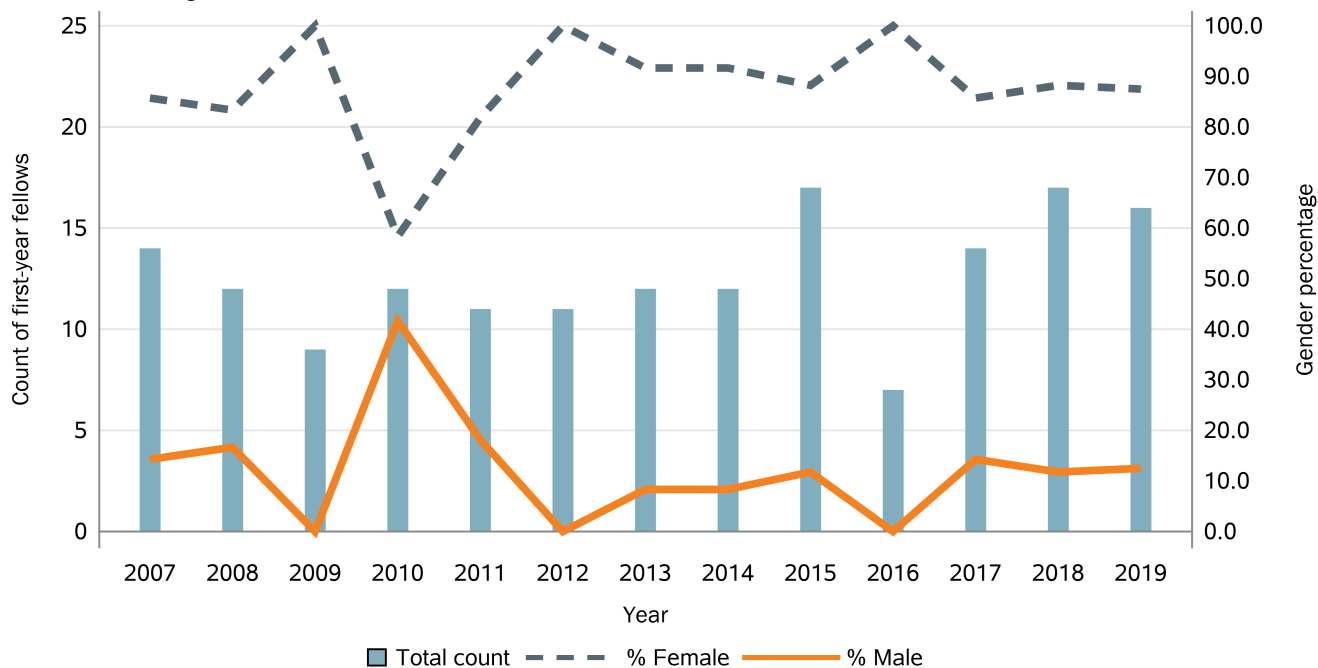
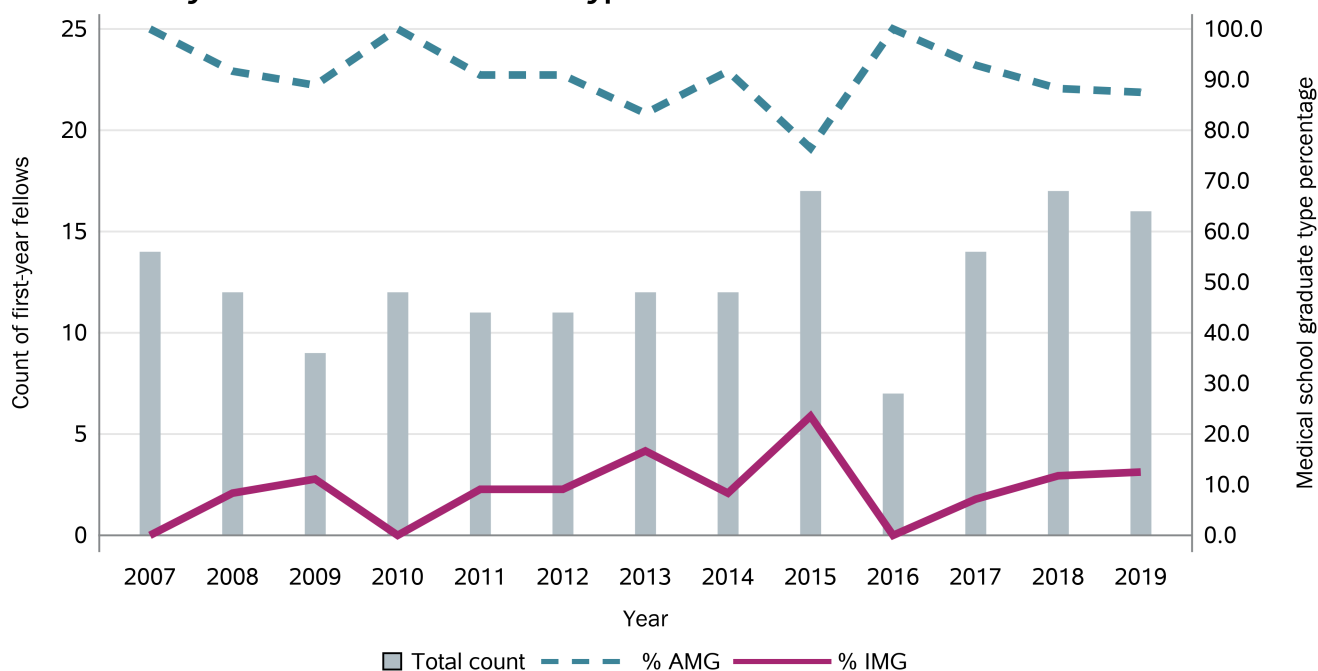


Figure 4.3.3 Yearly Count of First-Year (Level 1) Fellows in Child Abuse Pediatrics Programs Since 2007 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2007.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.3.4.

4.4. Pediatric Critical Care Medicine

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Pediatric Critical Care Medicine Fellowship Tracking information

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Table 4.4.1. All Pediatric Critical Care Medicine Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=2,508)		Lapsed (n=464)		Revoked (n=3)		Total (n=2,975)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	605	24.1	6	1.3	0	0.0	611	20.5
41 to 50	0	0.0	954	38.0	28	6.0	1	33.3	983	33.0
51 to 60	0	0.0	610	24.3	83	17.9	1	33.3	694	23.3
61 to 70	0	0.0	311	12.4	235	50.6	1	33.3	547	18.4
71 to 80	0	0.0	28	1.1	100	21.6	0	0.0	128	4.3
81 to 90	0	0.0	0	0.0	11	2.4	0	0.0	11	0.4
> 90	0	0.0	0	0.0	1	0.2	0	0.0	1	0.0
No birth year available	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gender										
Female	0	0.0	1,111	44.3	116	25.0	1	33.3	1,228	41.3
Male	0	0.0	1,397	55.7	348	75.0	2	66.7	1,747	58.7
Medical school graduate type										
AMG	0	0.0	1,869	74.5	379	81.7	3	100.0	2,251	75.7
IMG	0	0.0	639	25.5	85	18.3	0	0.0	724	24.3

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Critical Care Medicine since certification was first awarded in 1987 (n=2,975).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.4.2. All Pediatric Critical Care Medicine Subspecialists Ever Certified, Age 70 and Under: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=2,480)		Lapsed (n=352)		Revoked (n=3)		Total (n=2,835)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	605	24.4	6	1.7	0	0.0	611	21.6
41 to 50	0	0.0	954	38.5	28	8.0	1	33.3	983	34.7
51 to 60	0	0.0	610	24.6	83	23.6	1	33.3	694	24.5
61 to 70	0	0.0	311	12.5	235	66.8	1	33.3	547	19.3
Gender										
Female	0	0.0	1,107	44.6	105	29.8	1	33.3	1,213	42.8
Male	0	0.0	1,373	55.4	247	70.2	2	66.7	1,622	57.2
Medical school graduate type										
AMG	0	0.0	1,845	74.4	290	82.4	3	100.0	2,138	75.4
IMG	0	0.0	635	25.6	62	17.6	0	0.0	697	24.6

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Critical Care Medicine since certification was first awarded in 1987 (n=2,835).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.4.3. US-Based Pediatric Critical Care Medicine Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	28	38,922.1	2.6
Alaska	183,816	3	61,272.0	1.6
Arizona	1,642,647	59	27,841.5	3.6
Arkansas	703,180	22	31,962.7	3.1
California	8,989,764	321	28,005.5	3.6
Colorado	1,265,232	61	20,741.5	4.8
Connecticut	735,193	28	26,256.9	3.8
Delaware	203,616	7	29,088.0	3.4
District of Columbia	127,494	16	7,968.4	12.5
Florida	4,229,071	174	24,305.0	4.1
Georgia	2,505,531	54	46,398.7	2.2
Hawaii	303,413	13	23,339.5	4.3
Idaho	446,972	7	63,853.1	1.6
Illinois	2,857,131	115	24,844.6	4.0
Indiana	1,568,130	43	36,468.1	2.7
Iowa	730,767	18	40,598.2	2.5
Kansas	705,961	27	26,146.7	3.8
Kentucky	1,008,829	24	42,034.5	2.4
Louisiana	1,095,916	28	39,139.9	2.6
Maine	250,404	8	31,300.5	3.2
Maryland	1,340,148	73	18,358.2	5.4
Massachusetts	1,366,857	75	18,224.8	5.5
Michigan	2,164,668	79	27,400.9	3.6
Minnesota	1,302,615	61	21,354.3	4.7
Mississippi	706,138	13	54,318.3	1.8
Missouri	1,376,751	61	22,569.7	4.4
Montana	229,434	3	76,478.0	1.3
Nebraska	476,841	14	34,060.1	2.9
Nevada	688,997	22	31,318.0	3.2
New Hampshire	258,170	10	25,817.0	3.9
New Jersey	1,953,631	77	25,371.8	3.9
New Mexico	482,153	13	37,088.7	2.7
New York	4,068,092	177	22,983.6	4.4
North Carolina	2,300,622	93	24,737.9	4.0
North Dakota	178,697	4	44,674.3	2.2
Ohio	2,593,325	108	24,012.3	4.2
Oklahoma	956,433	19	50,338.6	2.0
Oregon	873,567	24	36,398.6	2.7
Pennsylvania	2,648,911	128	20,694.6	4.8
Rhode Island	205,202	8	25,650.3	3.9
South Carolina	1,105,655	33	33,504.7	3.0
South Dakota	217,606	9	24,178.4	4.1
Tennessee	1,506,219	61	24,692.1	4.0
Texas	7,398,009	238	31,084.1	3.2
Utah	932,462	29	32,153.9	3.1
Vermont	115,973	7	16,567.6	6.0
Virginia	1,869,737	65	28,765.2	3.5
Washington	1,663,283	66	25,201.3	4.0
West Virginia	364,160	12	30,346.7	3.3
Wisconsin	1,276,101	53	24,077.4	4.2
Wyoming	134,775	0	-	-
Total	73,398,119	2,691	27,275.4	3.7

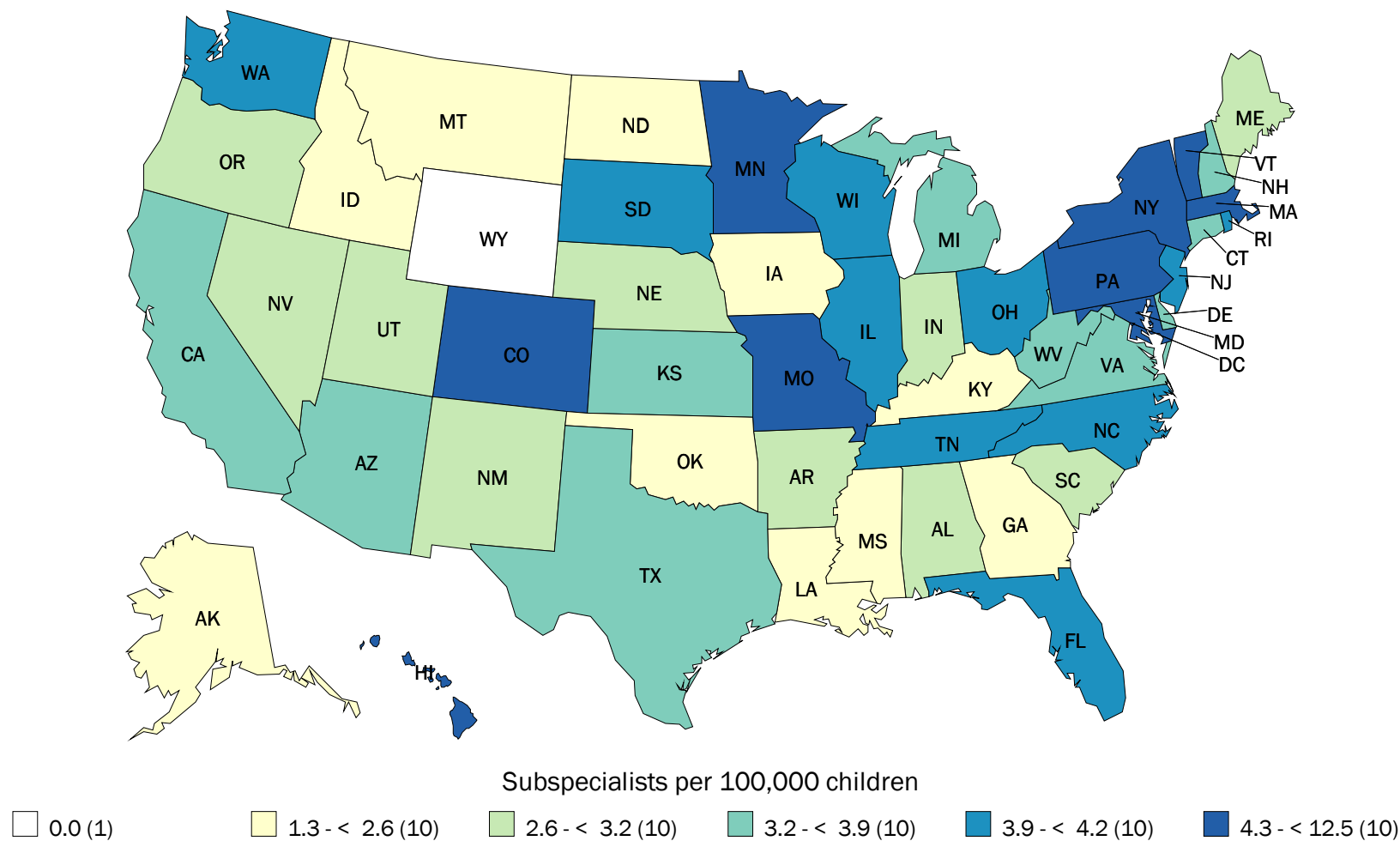
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Critical Care Medicine diplomates ever certified, age 70 and under (n=2,691), among all diplomates ever certified in Pediatric Critical Care Medicine (n=2,975). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Critical Care Medicine subspecialist diplomates ever certified, 284 (9.5%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (140, 4.7%), diplomates whose address data are unavailable (61, 2.1%) and diplomates with an address outside of the 50 US states (83, 2.8%). While included in this table, approximately 12.4% of US-based Pediatric Critical Care Medicine diplomates age 70 and under have lapsed certificates, and 0.1% have had their certifications revoked. When ¹ are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.4.1. Distribution of US-Based Pediatric Critical Care Medicine Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Critical Care Medicine diplomates ever certified, age 70 and under (n=2,691), among all diplomates ever certified in Pediatric Critical Care Medicine (n=2,975). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Critical Care Medicine subspecialist diplomates ever certified, 284 (9.5%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (140, 4.7%), diplomates whose address data are unavailable (61, 2.1%) and diplomates with an address outside of the 50 US states (83, 2.8%). While included in this map, approximately 12.4% of US-based Pediatric Critical Care Medicine diplomates age 70 and under have lapsed certificates, and 0.1% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.4.4 Yearly Count of Pediatric Critical Care Medicine Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender								Total fellows
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2004	Level 1	56	49.1	58	50.9	82	71.9	32	28.1	45	39.5	37	32.5	11	9.6	21	18.4	114
	Level 2	39	41.5	55	58.5	66	70.2	28	29.8	33	35.1	33	35.1	6	6.4	22	23.4	94
	Level 3	29	41.4	41	58.6	51	72.9	19	27.1	25	35.7	26	37.1	4	5.7	15	21.4	70
	Subtotal	124	44.6	154	55.4	199	71.6	79	28.4	103	37.1	96	34.5	21	7.6	58	20.9	278
2005	Level 1	55	46.6	63	53.4	84	71.2	34	28.8	40	33.9	44	37.3	15	12.7	19	16.1	118
	Level 2	52	46.8	59	53.2	80	72.1	31	27.9	43	38.7	37	33.3	9	8.1	22	19.8	111
	Level 3	41	44.1	52	55.9	66	71.0	27	29.0	35	37.6	31	33.3	6	6.5	21	22.6	93
	Subtotal	148	46.0	174	54.0	230	71.4	92	28.6	118	36.6	112	34.8	30	9.3	62	19.3	322
2006	Level 1	56	41.2	80	58.8	101	74.3	35	25.7	49	36.0	52	38.2	7	5.1	28	20.6	136
	Level 2	50	47.6	55	52.4	78	74.3	27	25.7	36	34.3	42	40.0	14	13.3	13	12.4	105
	Level 3	50	49.5	51	50.5	74	73.3	27	26.7	41	40.6	33	32.7	9	8.9	18	17.8	101
	Subtotal	156	45.6	186	54.4	253	74.0	89	26.0	126	36.8	127	37.1	30	8.8	59	17.3	342
2007	Level 1	58	46.4	67	53.6	95	76.0	30	24.0	42	33.6	53	42.4	16	12.8	14	11.2	125
	Level 2	52	42.3	71	57.7	91	74.0	32	26.0	45	36.6	46	37.4	7	5.7	25	20.3	123
	Level 3	44	43.1	58	56.9	74	72.5	28	27.5	33	32.4	41	40.2	11	10.8	17	16.7	102
	Subtotal	154	44.0	196	56.0	260	74.3	90	25.7	120	34.3	140	40.0	34	9.7	56	16.0	350
2008	Level 1	60	49.2	62	50.8	88	72.1	34	27.9	46	37.7	42	34.4	14	11.5	20	16.4	122
	Level 2	53	44.2	67	55.8	93	77.5	27	22.5	40	33.3	53	44.2	13	10.8	14	11.7	120
	Level 3	49	43.0	65	57.0	85	74.6	29	25.4	41	36.0	44	38.6	8	7.0	21	18.4	114
	Subtotal	162	45.5	194	54.5	266	74.7	90	25.3	127	35.7	139	39.0	35	9.8	55	15.4	356
2009	Level 1	74	50.7	72	49.3	92	63.0	54	37.0	51	34.9	41	28.1	23	15.8	31	21.2	146
	Level 2	55	49.5	56	50.5	84	75.7	27	24.3	44	39.6	40	36.0	11	9.9	16	14.4	111
	Level 3	48	44.0	61	56.0	87	79.8	22	20.2	38	34.9	49	45.0	10	9.2	12	11.0	109
	Subtotal	177	48.4	189	51.6	263	71.9	103	28.1	133	36.3	130	35.5	44	12.0	59	16.1	366
2010	Level 1	75	54.7	62	45.3	88	64.2	49	35.8	53	38.7	35	25.5	22	16.1	27	19.7	137
	Level 2	71	49.7	72	50.3	91	63.6	52	36.4	48	33.6	43	30.1	23	16.1	29	20.3	143
	Level 3	53	49.5	54	50.5	82	76.6	25	23.4	43	40.2	39	36.4	10	9.3	15	14.0	107
	Subtotal	199	51.4	188	48.6	261	67.4	126	32.6	144	37.2	117	30.2	55	14.2	71	18.3	387
2011	Level 1	91	61.1	58	38.9	98	65.8	51	34.2	70	47.0	28	18.8	21	14.1	30	20.1	149
	Level 2	69	53.1	61	46.9	86	66.2	44	33.8	51	39.2	35	26.9	18	13.8	26	20.0	130
	Level 3	65	50.8	63	49.2	79	61.7	49	38.3	44	34.4	35	27.3	21	16.4	28	21.9	128
	Subtotal	225	55.3	182	44.7	263	64.6	144	35.4	165	40.5	98	24.1	60	14.7	84	20.6	407
2012	Level 1	75	48.1	81	51.9	100	64.1	56	35.9	57	36.5	43	27.6	18	11.5	38	24.4	156
	Level 2	86	61.4	54	38.6	95	67.9	45	32.1	68	48.6	27	19.3	18	12.9	27	19.3	140
	Level 3	68	55.7	54	44.3	83	68.0	39	32.0	51	41.8	32	26.2	17	13.9	22	18.0	122
	Subtotal	229	54.8	189	45.2	278	66.5	140	33.5	176	42.1	102	24.4	53	12.7	87	20.8	418
2013	Level 1	106	63.1	62	36.9	121	72.0	47	28.0	80	47.6	41	24.4	26	15.5	21	12.5	168
	Level 2	74	48.4	79	51.6	99	64.7	54	35.3	56	36.6	43	28.1	18	11.8	36	23.5	153
	Level 3	82	63.1	48	36.9	88	67.7	42	32.3	65	50.0	23	17.7	17	13.1	25	19.2	130
	Subtotal	262	58.1	189	41.9	308	68.3	143	31.7	201	44.6	107	23.7	61	13.5	82	18.2	451
2014	Level 1	100	57.8	73	42.2	123	71.1	50	28.9	75	43.4	48	27.7	25	14.5	25	14.5	173
	Level 2	102	63.4	59	36.6	117	72.7	44	27.3	77	47.8	40	24.8	25	15.5	19	11.8	161
	Level 3	68	48.6	72	51.4	89	63.6	51	36.4	51	36.4	38	27.1	17	12.1	34	24.3	140
	Subtotal	270	57.0	204	43.0	329	69.4	145	30.6	203	42.8	126	26.6	67	14.1	78	16.5	474
2015	Level 1	123	69.1	55	30.9	147	82.6	31	17.4	103	57.9	44	24.7	20	11.2	11	6.2	178
	Level 2	97	57.7	71	42.3	120	71.4	48	28.6	74	44.0	46	27.4	23	13.7	25	14.9	168
	Level 3	94	63.1	55	36.9	109	73.2	40	26.8	71	47.7	38	25.5	23	15.4	17	11.4	149
	Subtotal	314	63.4	181	36.6	376	76.0	119	24.0	248	50.1	128	25.9	66	13.3	53	10.7	495
2016	Level 1	106	59.9	71	40.1	137	77.4	40	22.6	91	51.4	46	26.0	15	8.5	25	14.1	177
	Level 2	118	69.0	53	31.0	141	82.5	30	17.5	99	57.9	42	24.6	19	11.1	11	6.4	171
	Level 3	91	58.7	64	41.3	110	71.0	45	29.0	68	43.9	42	27.1	23	14.8	22	14.2	155
	Subtotal	315	62.6	188	37.4	388	77.1	115	22.9	258	51.3	130	25.8	57	11.3	58	11.5	503
2017	Level 1	114	60.6	74	39.4	141	75.0	47	25.0	87	46.3	54	28.7	27	14.4	20	10.6	188
	Level 2	104	60.1	69	39.9	134	77.5	39	22.5	89	51.4	45	26.0	15	8.7	24	13.9	173
	Level 3	113	71.1	46	28.9	130	81.8	29	18.2	95	59.7	35	22.0	18	11.3	11	6.9	159
	Subtotal	331	63.7	189	36.3	405	77.9	115	22.1	271	52.1	134	25.8	60	11.5	55	10.6	520
2018	Level 1	103	54.5	86	45.5	137	72.5	52	27.5	78	41.3	59	31.2	25	13.2	27	14.3	189
	Level 2	110	60.4	72	39.6	137	75.3	45	24.7	85	46.7	52	28.6	25	13.7	20	11.0	182
	Level 3	99	62.3	60	37.7	122	76.7	37	23.3	83	52.2	39	24.5	16	10.1	21	13.2	159
	Subtotal	312	58.9	218	41.1	396	74.7	134	25.3	246	46.4	150	28.3	66	12.5	68	12.8	530
2019	Level 1	119	60.1	79	39.9	152	76.8	46	23.2	100	50.5	52	26.3	19	9.6	27	13.6	198
	Level 2	103	54.8	85	45.2	136	72.3	52	27.7	78	41.5	58	30.9	25	13.3	27	14.4	188
	Level 3	102	61.8	63	38.2	123	74.5	42	25.5	78	47.3	45	27.3	24	14.5	18	10.9	165
	Subtotal	324	58.8	227	41.2	411	74.6	140	25.4	256	46.5	155	28.1	68	12.3	72	13.1	555

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACME-accredited Pediatric Critical Care Medicine programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.4.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Critical Care Medicine Programs Since 2004 by Gender

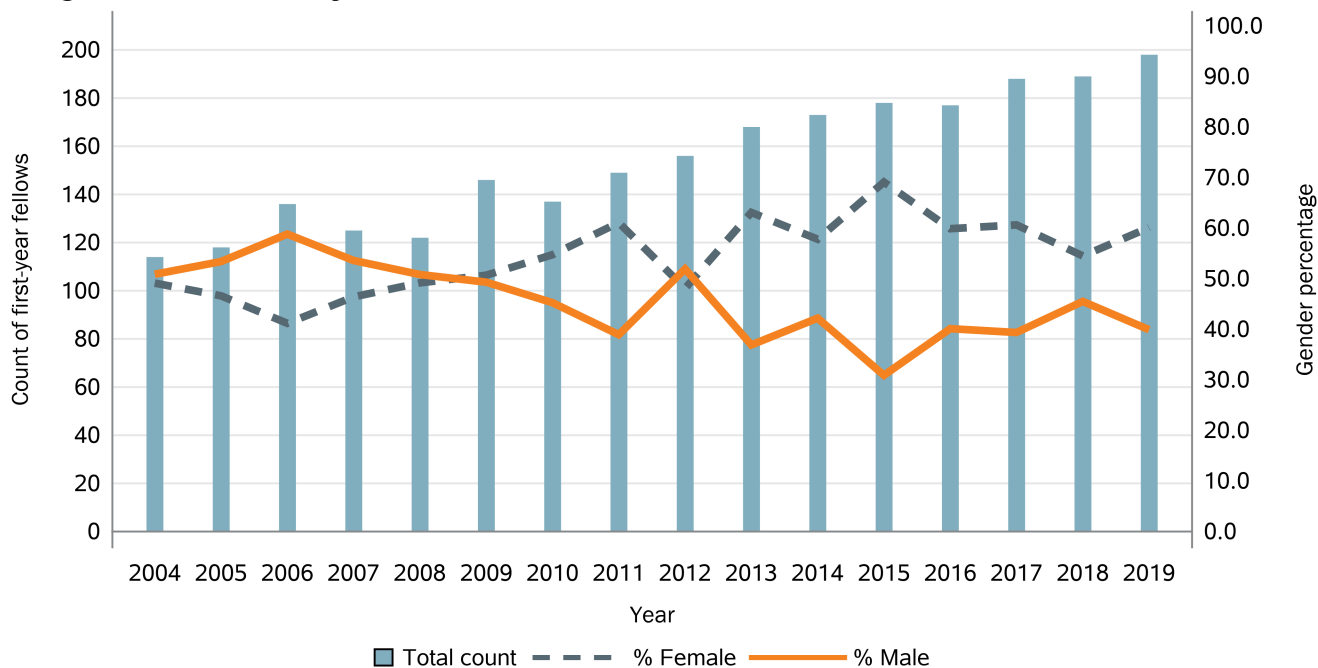
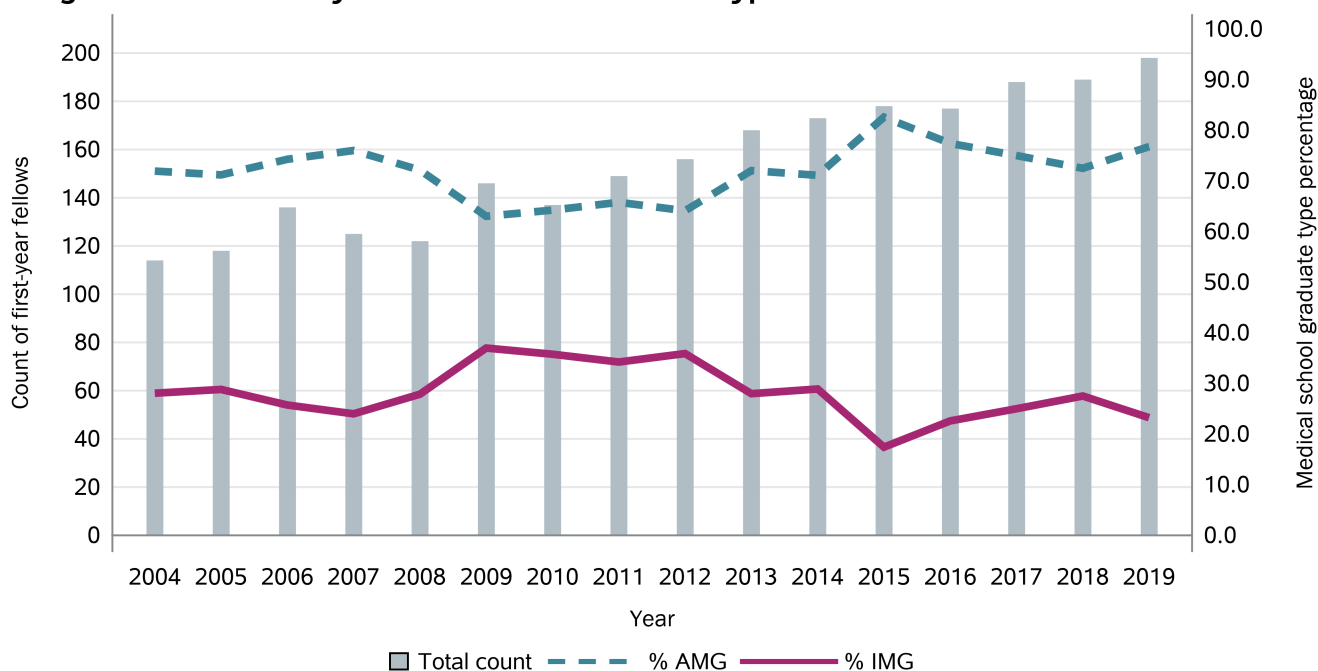


Figure 4.4.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Critical Care Medicine Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.4.4.

4.5. Developmental-Behavioral Pediatrics

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Table 4.5.1. All Developmental-Behavioral Pediatrics Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=706)		Lapsed (n=198)		Revoked (n=0)		Total (n=904)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	117	16.6	0	0.0	0	0.0	117	12.9
41 to 50	0	0.0	200	28.3	12	6.1	0	0.0	212	23.5
51 to 60	0	0.0	182	25.8	10	5.1	0	0.0	192	21.2
61 to 70	0	0.0	178	25.2	80	40.4	0	0.0	258	28.5
71 to 80	0	0.0	29	4.1	92	46.5	0	0.0	121	13.4
81 to 90	0	0.0	0	0.0	4	2.0	0	0.0	4	0.4
> 90	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
No birth year available	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gender										
Female	0	0.0	514	72.8	97	49.0	0	0.0	611	67.6
Male	0	0.0	192	27.2	101	51.0	0	0.0	293	32.4
Medical school graduate type										
AMG	0	0.0	594	84.1	181	91.4	0	0.0	775	85.7
IMG	0	0.0	112	15.9	17	8.6	0	0.0	129	14.3

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Developmental-Behavioral Pediatrics since certification was first awarded in 2002 (n=904).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.5.2. All Developmental-Behavioral Pediatrics Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=677)		Lapsed (n=102)		Revoked (n=0)		Total (n=779)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	117	17.3	0	0.0	0	0.0	117	15.0
41 to 50	0	0.0	200	29.5	12	11.8	0	0.0	212	27.2
51 to 60	0	0.0	182	26.9	10	9.8	0	0.0	192	24.6
61 to 70	0	0.0	178	26.3	80	78.4	0	0.0	258	33.1
Gender										
Female	0	0.0	502	74.2	61	59.8	0	0.0	563	72.3
Male	0	0.0	175	25.8	41	40.2	0	0.0	216	27.7
Medical school graduate type										
AMG	0	0.0	567	83.8	95	93.1	0	0.0	662	85.0
IMG	0	0.0	110	16.2	7	6.9	0	0.0	117	15.0

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Developmental-Behavioral Pediatrics since certification was first awarded in 2002 (n=779).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.5.3. US-Based Developmental-Behavioral Pediatrics Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	8	136,227.5	0.7
Alaska	183,816	3	61,272.0	1.6
Arizona	1,642,647	9	182,516.3	0.5
Arkansas	703,180	8	87,897.5	1.1
California	8,989,764	97	92,678.0	1.1
Colorado	1,265,232	14	90,373.7	1.1
Connecticut	735,193	14	52,513.8	1.9
Delaware	203,616	1	203,616.0	0.5
District of Columbia	127,494	5	25,498.8	3.9
Florida	4,229,071	23	183,872.7	0.5
Georgia	2,505,531	8	313,191.4	0.3
Hawaii	303,413	7	43,344.7	2.3
Idaho	446,972	1	446,972.0	0.2
Illinois	2,857,131	23	124,223.1	0.8
Indiana	1,568,130	6	261,355.0	0.4
Iowa	730,767	7	104,395.3	1.0
Kansas	705,961	10	70,596.1	1.4
Kentucky	1,008,829	4	252,207.3	0.4
Louisiana	1,095,916	4	273,979.0	0.4
Maine	250,404	9	27,822.7	3.6
Maryland	1,340,148	18	74,452.7	1.3
Massachusetts	1,366,857	52	26,285.7	3.8
Michigan	2,164,668	13	166,512.9	0.6
Minnesota	1,302,615	9	144,735.0	0.7
Mississippi	706,138	2	353,069.0	0.3
Missouri	1,376,751	9	152,972.3	0.7
Montana	229,434	3	76,478.0	1.3
Nebraska	476,841	3	158,947.0	0.6
Nevada	688,997	4	172,249.3	0.6
New Hampshire	258,170	5	51,634.0	1.9
New Jersey	1,953,631	39	50,093.1	2.0
New Mexico	482,153	2	241,076.5	0.4
New York	4,068,092	71	57,297.1	1.7
North Carolina	2,300,622	23	100,027.0	1.0
North Dakota	178,697	0	-	-
Ohio	2,593,325	44	58,939.2	1.7
Oklahoma	956,433	5	191,286.6	0.5
Oregon	873,567	12	72,797.3	1.4
Pennsylvania	2,648,911	31	85,448.7	1.2
Rhode Island	205,202	9	22,800.2	4.4
South Carolina	1,105,655	19	58,192.4	1.7
South Dakota	217,606	1	217,606.0	0.5
Tennessee	1,506,219	11	136,929.0	0.7
Texas	7,398,009	44	168,136.6	0.6
Utah	932,462	1	932,462.0	0.1
Vermont	115,973	5	23,194.6	4.3
Virginia	1,869,737	23	81,292.9	1.2
Washington	1,663,283	21	79,204.0	1.3
West Virginia	364,160	1	364,160.0	0.3
Wisconsin	1,276,101	6	212,683.5	0.5
Wyoming	134,775	0	-	-
Total	73,398,119	747	98,257.2	1.0

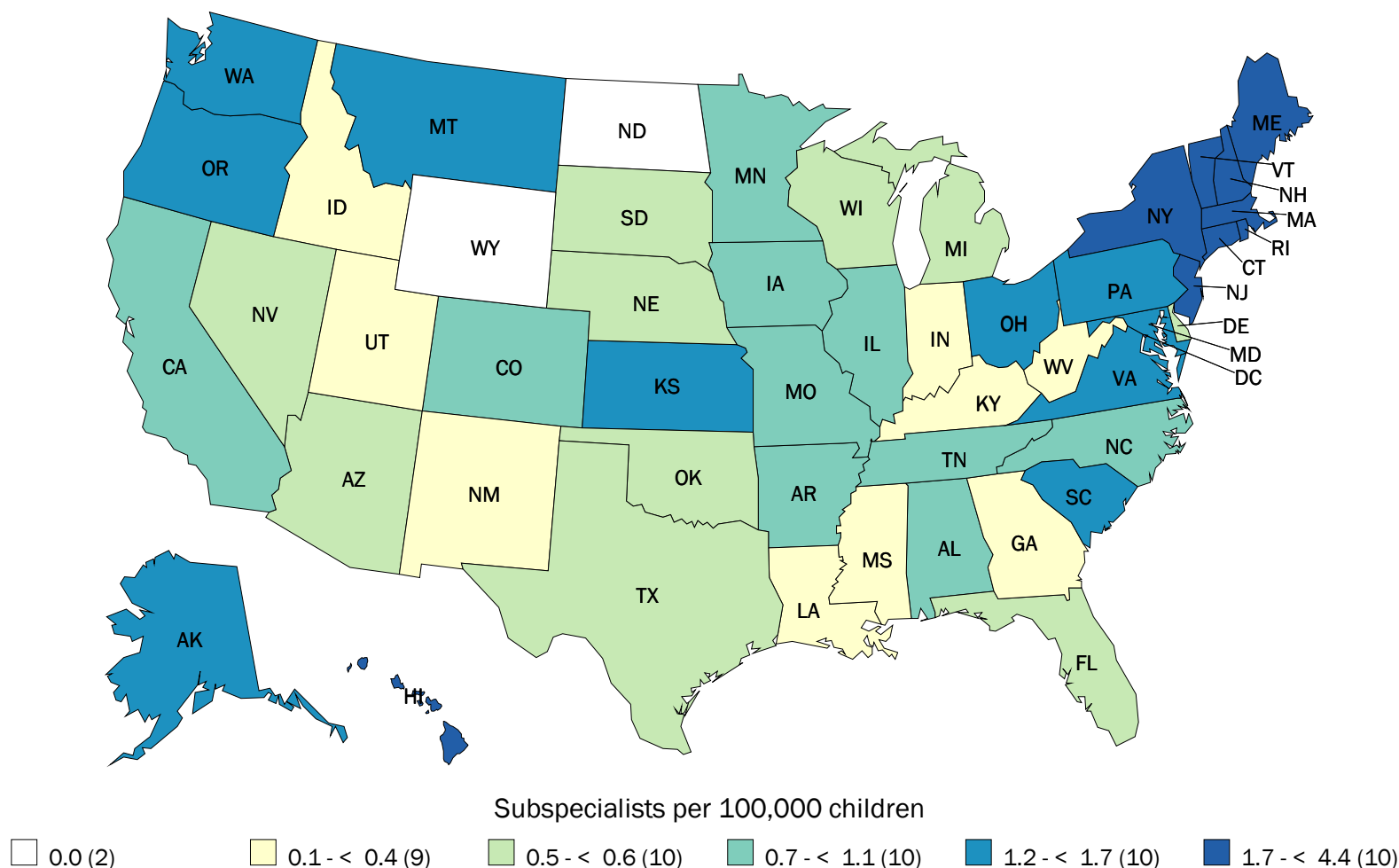
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Developmental-Behavioral Pediatrics diplomates ever certified, age 70 and under (n=747), among all diplomates ever certified in Developmental-Behavioral Pediatrics (n=904). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Developmental-Behavioral Pediatrics subspecialist diplomates ever certified, 157 (17.4%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (125, 13.8%), diplomates whose address data are unavailable (10, 1.1%) and diplomates with an address outside of the 50 US states (22, 2.4%). While included in this table, approximately 13.1% of US-based Developmental-Behavioral Pediatrics diplomates age 70 and under have lapsed certificates. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.5.1. Distribution of US-Based Developmental-Behavioral Pediatrics Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Developmental-Behavioral Pediatrics diplomates ever certified, age 70 and under (n=747), among all diplomates ever certified in Developmental-Behavioral Pediatrics (n=904). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Developmental-Behavioral Pediatrics subspecialist diplomates ever certified, 157 (17.4%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (125, 13.8%), diplomates whose address data are unavailable (10, 1.1%) and diplomates with an address outside of the 50 US states (22, 2.4%). While included in this map, approximately 13.1% of US-based Developmental-Behavioral Pediatrics diplomates age 70 and under have lapsed certificates, and 0.0% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.5.4 Yearly Count of Developmental-Behavioral Pediatrics Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender												Total fellows
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male						
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%					
2004	Level 1	19	79.2	5	20.8	21	87.5	3	12.5	17	70.8	4	16.7	2	8.3	1	4.2	24				
	Level 2	16	69.6	7	30.4	19	82.6	4	17.4	13	56.5	6	26.1	3	13.0	1	4.3	23				
	Level 3	10	55.6	8	44.4	13	72.2	5	27.8	7	38.9	6	33.3	3	16.7	2	11.1	18				
	Subtotal	45	69.2	20	30.8	53	81.5	12	18.5	37	56.9	16	24.6	8	12.3	4	6.2	65				
2005	Level 1	20	74.1	7	25.9	24	88.9	3	11.1	19	70.4	5	18.5	1	3.7	2	7.4	27				
	Level 2	18	81.8	4	18.2	19	86.4	3	13.6	16	72.7	3	13.6	2	9.1	1	4.5	22				
	Level 3	15	83.3	3	16.7	16	88.9	2	11.1	13	72.2	3	16.7	2	11.1	0	0.0	18				
	Subtotal	53	79.1	14	20.9	59	88.1	8	11.9	48	71.6	11	16.4	5	7.5	3	4.5	67				
2006	Level 1	23	85.2	4	14.8	23	85.2	4	14.8	19	70.4	4	14.8	4	14.8	0	0.0	27				
	Level 2	19	76.0	6	24.0	23	92.0	2	8.0	18	72.0	5	20.0	1	4.0	1	4.0	25				
	Level 3	17	77.3	5	22.7	19	86.4	3	13.6	15	68.2	4	18.2	2	9.1	1	4.5	22				
	Subtotal	59	79.7	15	20.3	65	87.8	9	12.2	52	70.3	13	17.6	7	9.5	2	2.7	74				
2007	Level 1	14	77.8	4	22.2	16	88.9	2	11.1	12	66.7	4	22.2	2	11.1	0	0.0	18				
	Level 2	21	84.0	4	16.0	21	84.0	4	16.0	17	68.0	4	16.0	4	16.0	0	0.0	25				
	Level 3	20	80.0	5	20.0	23	92.0	2	8.0	19	76.0	4	16.0	1	4.0	1	4.0	25				
	Subtotal	55	80.9	13	19.1	60	88.2	8	11.8	48	70.6	12	17.6	7	10.3	1	1.5	68				
2008	Level 1	27	79.4	7	20.6	30	88.2	4	11.8	24	70.6	6	17.6	3	8.8	1	2.9	34				
	Level 2	11	73.3	4	26.7	13	86.7	2	13.3	9	60.0	4	26.7	2	13.3	0	0.0	15				
	Level 3	20	80.0	5	20.0	21	84.0	4	16.0	16	64.0	5	20.0	4	16.0	0	0.0	25				
	Subtotal	58	78.4	16	21.6	64	86.5	10	13.5	49	66.2	15	20.3	9	12.2	1	1.4	74				
2009	Level 1	20	80.0	5	20.0	22	88.0	3	12.0	17	68.0	5	20.0	3	12.0	0	0.0	25				
	Level 2	23	76.7	7	23.3	27	90.0	3	10.0	21	70.0	6	20.0	2	6.7	1	3.3	30				
	Level 3	12	75.0	4	25.0	14	87.5	2	12.5	10	62.5	4	25.0	2	12.5	0	0.0	16				
	Subtotal	55	77.5	16	22.5	63	88.7	8	11.3	48	67.6	15	21.1	7	9.9	1	1.4	71				
2010	Level 1	29	78.4	8	21.6	29	78.4	8	21.6	22	59.5	7	18.9	7	18.9	1	2.7	37				
	Level 2	20	83.3	4	16.7	21	87.5	3	12.5	17	70.8	4	16.7	3	12.5	0	0.0	24				
	Level 3	20	74.1	7	25.9	24	88.9	3	11.1	18	66.7	6	22.2	2	7.4	1	3.7	27				
	Subtotal	69	78.4	19	21.6	74	84.1	14	15.9	57	64.8	17	19.3	12	13.6	2	2.3	88				
2011	Level 1	24	80.0	6	20.0	18	60.0	12	40.0	13	43.3	5	16.7	11	36.7	1	3.3	30				
	Level 2	29	78.4	8	21.6	30	81.1	7	18.9	23	62.2	7	18.9	6	16.2	1	2.7	37				
	Level 3	17	81.0	4	19.0	18	85.7	3	14.3	14	66.7	4	19.0	3	14.3	0	0.0	21				
	Subtotal	70	79.5	18	20.5	66	75.0	22	25.0	50	56.8	16	18.2	20	22.7	2	2.3	88				
2012	Level 1	26	81.3	6	18.8	27	84.4	5	15.6	21	65.6	6	18.8	5	15.6	0	0.0	32				
	Level 2	23	79.3	6	20.7	17	58.6	12	41.4	12	41.4	5	17.2	11	37.9	1	3.4	29				
	Level 3	32	82.1	7	17.9	32	82.1	7	17.9	26	66.7	6	15.4	6	15.4	1	2.6	39				
	Subtotal	81	81.0	19	19.0	76	76.0	24	24.0	59	59.0	17	17.0	22	22.0	2	2.0	100				
2013	Level 1	28	82.4	6	17.6	25	73.5	9	26.5	19	55.9	6	17.6	9	26.5	0	0.0	34				
	Level 2	26	81.3	6	18.8	27	84.4	5	15.6	21	65.6	6	18.8	5	15.6	0	0.0	32				
	Level 3	23	79.3	6	20.7	17	58.6	12	41.4	12	41.4	5	17.2	11	37.9	1	3.4	29				
	Subtotal	77	81.1	18	18.9	69	72.6	26	27.4	52	54.7	17	17.9	25	26.3	1	1.1	95				
2014	Level 1	27	87.1	4	12.9	21	67.7	10	32.3	19	61.3	2	6.5	8	25.8	2	6.5	31				
	Level 2	28	82.4	6	17.6	25	73.5	9	26.5	19	55.9	6	17.6	9	26.5	0	0.0	34				
	Level 3	26	81.3	6	18.8	27	84.4	5	15.6	21	65.6	6	18.8	5	15.6	0	0.0	32				
	Subtotal	81	83.5	16	16.5	73	75.3	24	24.7	59	60.8	14	14.4	22	22.7	2	2.1	97				
2015	Level 1	32	82.1	7	17.9	27	69.2	12	30.8	22	56.4	5	12.8	10	25.6	2	5.1	39				
	Level 2	25	89.3	3	10.7	19	67.9	9	32.1	18	64.3	1	3.6	7	25.0	2	7.1	28				
	Level 3	26	81.3	6	18.8	24	75.0	8	25.0	18	56.3	6	18.8	8	25.0	0	0.0	32				
	Subtotal	83	83.8	16	16.2	70	70.7	29	29.3	58	58.6	12	12.1	25	25.3	4	4.0	99				
2016	Level 1	22	73.3	8	26.7	25	83.3	5	16.7	19	63.3	6	20.0	3	10.0	2	6.7	30				
	Level 2	33	82.5	7	17.5	28	70.0	12	30.0	22	55.0	6	15.0	11	27.5	1	2.5	40				
	Level 3	23	88.5	3	11.5	17	65.4	9	34.6	16	61.5	1	3.8	7	26.9	2	7.7	26				
	Subtotal	78	81.3	18	18.8	70	72.9	26	27.1	57	59.4	13	13.5	21	21.9	5	5.2	96				
2017	Level 1	35	83.3	7	16.7	32	76.2	10	23.8	27	64.3	5	11.9	8	19.0	2	4.8	42				
	Level 2	22	78.6	6	21.4	23	82.1	5	17.9	19	67.9	4	14.3	3	10.7	2	7.1	28				
	Level 3	35	85.4	6	14.6	29	70.7	12	29.3	24	58.5	5	12.2	11	26.8	1	2.4	41				
	Subtotal	92	82.9	19	17.1	84	75.7	27	24.3	70	63.1	14	12.6	22	19.8	5	4.5	111				
2018	Level 1	35	87.5	5	12.5	26	65.0	14	35.0	24	60.0	2	5.0	11	27.5	3	7.5	40				
	Level 2	34	82.9	7	17.1	32	78.0	9	22.0	27	65.9	5	12.2	7	17.1	2	4.9	41				
	Level 3	23	82.1	5	17.9	24	85.7	4	14.3	20	71.4	4	14.3	3	10.7	1	3.6	28				
	Subtotal	92	84.4	17	15.6	82	75.2	27	24.8	71	65.1	11	10.1	21	19.3	6	5.5	109				
2019	Level 1	35	85.4	6	14.6	31	75.6	10	24.4	26	63.4	5	12.2	9	22.0	1	2.4	41				
	Level 2	34	85.0	6	15.0	26	65.0	14	35.0	23	57.5	3	7.5	11	27.5	3	7.5	40				
	Level 3	32	84.2	6	15.8	30	78.9	8	21.1	26	68.4	4	10.5	6	15.8	2	5.3	38				
	Subtotal	101	84.9	18	15.1	87	73.1	32	26.9	75	63.0	12	10.1	26	21.8	6	5.0	119				

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Developmental-Behavioral Pediatrics programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.5.2 Yearly Count of First-Year (Level 1) Fellows in Developmental-Behavioral Pediatrics Programs Since 2004 by Gender

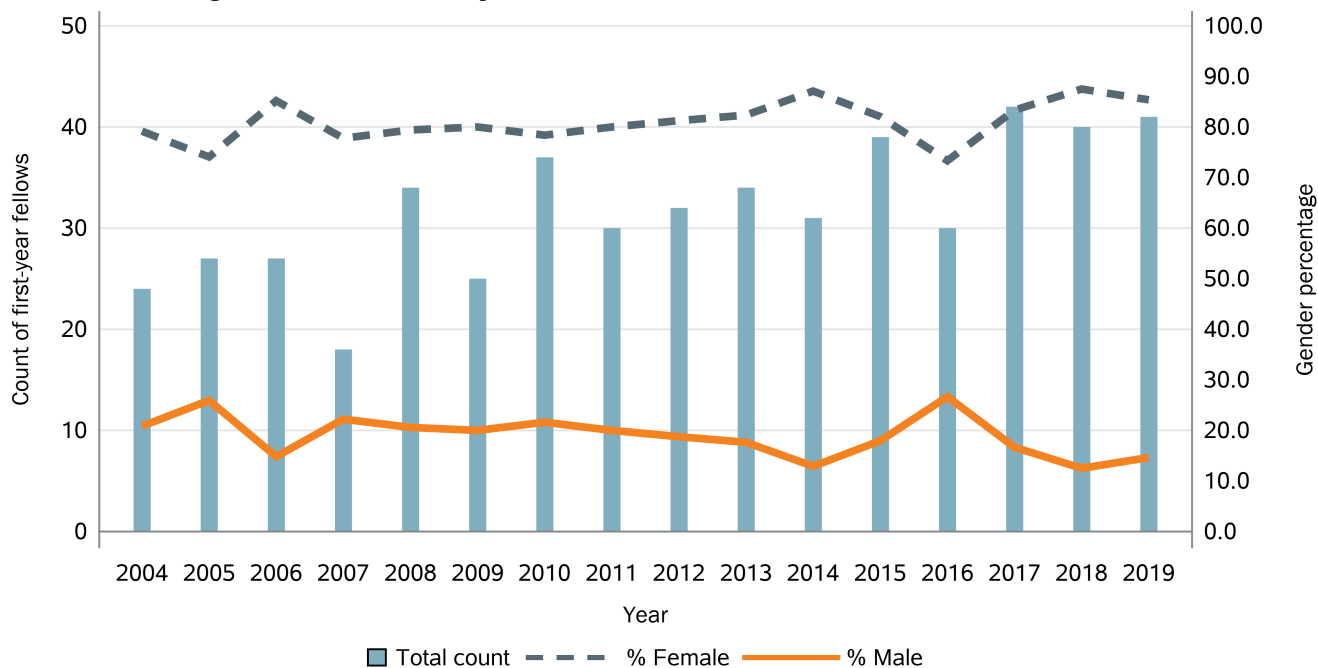
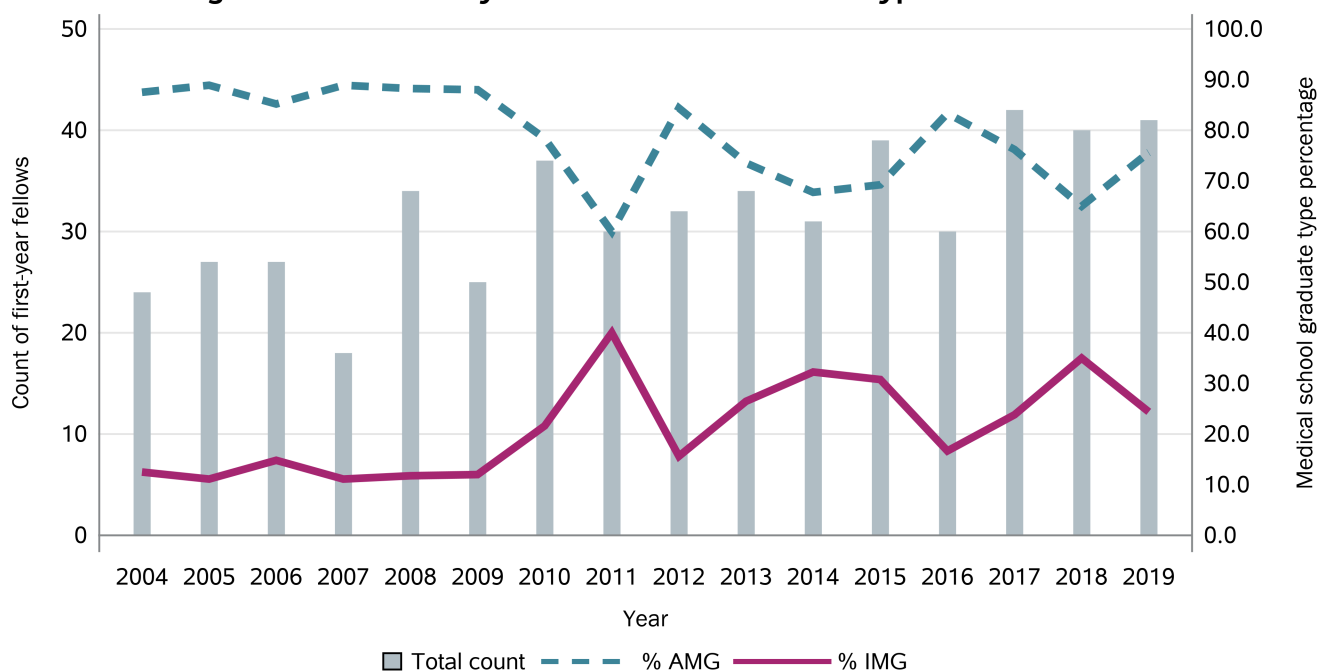


Figure 4.5.3 Yearly Count of First-Year (Level 1) Fellows in Developmental-Behavioral Pediatrics Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.5.4.

4.6. Pediatric Emergency Medicine

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Pediatric Emergency Medicine Fellowship Tracking Information

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Table 4.6.1. All Pediatric Emergency Medicine Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=2,429)		Lapsed (n=389)		Revoked (n=5)		Total (n=2,823)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	611	25.2	3	0.8	0	0.0	614	21.7
41 to 50	0	0.0	859	35.4	23	5.9	1	20.0	883	31.3
51 to 60	0	0.0	610	25.1	94	24.2	1	20.0	705	25.0
61 to 70	0	0.0	331	13.6	185	47.6	3	60.0	519	18.4
71 to 80	0	0.0	18	0.7	80	20.6	0	0.0	98	3.5
81 to 90	0	0.0	0	0.0	4	1.0	0	0.0	4	0.1
> 90	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
No birth year available	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gender										
Female	0	0.0	1,420	58.5	180	46.3	2	40.0	1,602	56.7
Male	0	0.0	1,009	41.5	209	53.7	3	60.0	1,221	43.3
Medical school graduate type										
AMG	0	0.0	2,019	83.1	320	82.3	4	80.0	2,343	83.0
IMG	0	0.0	410	16.9	69	17.7	1	20.0	480	17.0

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Emergency Medicine since certification was first awarded in 1992 (n=2,823).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.6.2. All Pediatric Emergency Medicine Subspecialists Ever Certified, Age 70 and Under: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=2,411)		Lapsed (n=305)		Revoked (n=5)		Total (n=2,721)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	611	25.3	3	1.0	0	0.0	614	22.6
41 to 50	0	0.0	859	35.6	23	7.5	1	20.0	883	32.5
51 to 60	0	0.0	610	25.3	94	30.8	1	20.0	705	25.9
61 to 70	0	0.0	331	13.7	185	60.7	3	60.0	519	19.1
Gender										
Female	0	0.0	1,411	58.5	152	49.8	2	40.0	1,565	57.5
Male	0	0.0	1,000	41.5	153	50.2	3	60.0	1,156	42.5
Medical school graduate type										
AMG	0	0.0	2,011	83.4	259	84.9	4	80.0	2,274	83.6
IMG	0	0.0	400	16.6	46	15.1	1	20.0	447	16.4

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Emergency Medicine since certification was first awarded in 1992 (n=2,721).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.6.3. US-Based Pediatric Emergency Medicine Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	30	36,327.3	2.8
Alaska	183,816	1	183,816.0	0.5
Arizona	1,642,647	46	35,709.7	2.8
Arkansas	703,180	20	35,159.0	2.8
California	8,989,764	180	49,943.1	2.0
Colorado	1,265,232	73	17,331.9	5.8
Connecticut	735,193	56	13,128.4	7.6
Delaware	203,616	13	15,662.8	6.4
District of Columbia	127,494	26	4,903.6	20.4
Florida	4,229,071	176	24,028.8	4.2
Georgia	2,505,531	97	25,830.2	3.9
Hawaii	303,413	16	18,963.3	5.3
Idaho	446,972	1	446,972.0	0.2
Illinois	2,857,131	82	34,843.1	2.9
Indiana	1,568,130	16	98,008.1	1.0
Iowa	730,767	10	73,076.7	1.4
Kansas	705,961	20	35,298.1	2.8
Kentucky	1,008,829	34	29,671.4	3.4
Louisiana	1,095,916	13	84,301.2	1.2
Maine	250,404	2	125,202.0	0.8
Maryland	1,340,148	69	19,422.4	5.1
Massachusetts	1,366,857	131	10,434.0	9.6
Michigan	2,164,668	60	36,077.8	2.8
Minnesota	1,302,615	58	22,458.9	4.5
Mississippi	706,138	7	100,876.9	1.0
Missouri	1,376,751	64	21,511.7	4.6
Montana	229,434	0	-	-
Nebraska	476,841	11	43,349.2	2.3
Nevada	688,997	18	38,277.6	2.6
New Hampshire	258,170	5	51,634.0	1.9
New Jersey	1,953,631	107	18,258.2	5.5
New Mexico	482,153	11	43,832.1	2.3
New York	4,068,092	284	14,324.3	7.0
North Carolina	2,300,622	49	46,951.5	2.1
North Dakota	178,697	1	178,697.0	0.6
Ohio	2,593,325	158	16,413.4	6.1
Oklahoma	956,433	13	73,571.8	1.4
Oregon	873,567	21	41,598.4	2.4
Pennsylvania	2,648,911	132	20,067.5	5.0
Rhode Island	205,202	20	10,260.1	9.7
South Carolina	1,105,655	25	44,226.2	2.3
South Dakota	217,606	0	-	-
Tennessee	1,506,219	80	18,827.7	5.3
Texas	7,398,009	187	39,561.5	2.5
Utah	932,462	26	35,863.9	2.8
Vermont	115,973	1	115,973.0	0.9
Virginia	1,869,737	48	38,952.9	2.6
Washington	1,663,283	79	21,054.2	4.7
West Virginia	364,160	4	91,040.0	1.1
Wisconsin	1,276,101	31	41,164.5	2.4
Wyoming	134,775	0	-	-
Total	73,398,119	2,612	28,100.4	3.6

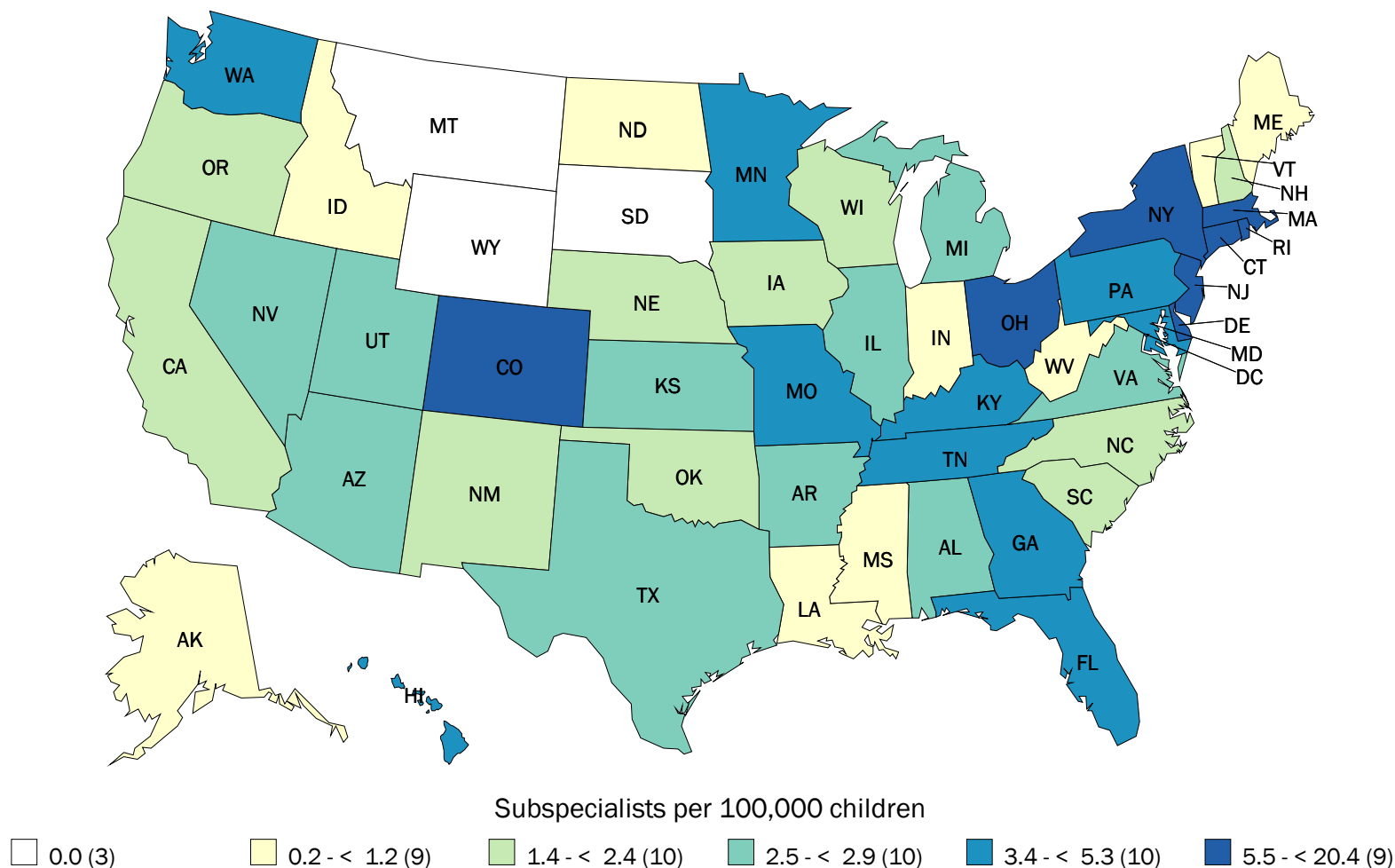
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Emergency Medicine diplomates ever certified, age 70 and under (n=2,612), among all diplomates ever certified in Pediatric Emergency Medicine (n=2,823). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Emergency Medicine subspecialist diplomates ever certified, 211 (7.5%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (102, 3.6%), diplomates whose address data are unavailable (37, 1.3%) and diplomates with an address outside of the 50 US states (72, 2.6%). While included in this table, approximately 11.2% of US-based Pediatric Emergency Medicine diplomates age 70 and under have lapsed certificates, and 0.2% have had their certifications revoked. When ¹ are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.6.1. Distribution of US-Based Pediatric Emergency Medicine Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Emergency Medicine diplomates ever certified, age 70 and under (n=2,612), among all diplomates ever certified in Pediatric Emergency Medicine (n=2,823). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Emergency Medicine subspecialist diplomates ever certified, 211 (7.5%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (102, 3.6%), diplomates whose address data are unavailable (37, 1.3%) and diplomates with an address outside of the 50 US states (72, 2.6%). While included in this map, approximately 11.2% of US-based Pediatric Emergency Medicine diplomates age 70 and under have lapsed certificates, and 0.2% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.6.4 Yearly Count of Pediatric Emergency Medicine Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender				Total fellows			
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2004	Level 1	54	56.8	41	43.2	83	87.4	12	12.6	49	51.6	34	35.8	5	5.3	7	7.4
	Level 2	45	57.0	34	43.0	70	88.6	9	11.4	41	51.9	29	36.7	4	5.1	5	6.3
	Level 3	39	50.0	39	50.0	71	91.0	7	9.0	35	44.9	36	46.2	4	5.1	3	3.8
	Subtotal	138	54.8	114	45.2	224	88.9	28	11.1	125	49.6	99	39.3	13	5.2	15	6.0
2005	Level 1	63	55.8	50	44.2	94	83.2	19	16.8	54	47.8	40	35.4	9	8.0	10	8.8
	Level 2	52	56.5	40	43.5	80	87.0	12	13.0	47	51.1	33	35.9	5	5.4	7	7.6
	Level 3	44	58.7	31	41.3	66	88.0	9	12.0	40	53.3	26	34.7	4	5.3	5	6.7
	Subtotal	159	56.8	121	43.2	240	85.7	40	14.3	141	50.4	99	35.4	18	6.4	22	7.9
2006	Level 1	68	63.6	39	36.4	89	83.2	18	16.8	55	51.4	34	31.8	13	12.1	5	4.7
	Level 2	61	56.0	48	44.0	90	82.6	19	17.4	52	47.7	38	34.9	9	8.3	10	9.2
	Level 3	48	57.1	36	42.9	73	86.9	11	13.1	44	52.4	29	34.5	4	4.8	7	8.3
	Subtotal	177	59.0	123	41.0	252	84.0	48	16.0	151	50.3	101	33.7	26	8.7	22	7.3
2007	Level 1	84	69.4	37	30.6	108	89.3	13	10.7	77	63.6	31	25.6	7	5.8	6	5.0
	Level 2	64	62.7	38	37.3	83	81.4	19	18.6	51	50.0	32	31.4	13	12.7	6	5.9
	Level 3	54	56.3	42	43.8	81	84.4	15	15.6	47	49.0	34	35.4	7	7.3	8	8.3
	Subtotal	202	63.3	117	36.7	272	85.3	47	14.7	175	54.9	97	30.4	27	8.5	20	6.3
2008	Level 1	70	60.3	46	39.7	99	85.3	17	14.7	59	50.9	40	34.5	11	9.5	6	5.2
	Level 2	80	69.0	36	31.0	103	88.8	13	11.2	73	62.9	30	25.9	7	6.0	6	5.2
	Level 3	61	63.5	35	36.5	77	80.2	19	19.8	49	51.0	28	29.2	12	12.5	7	7.3
	Subtotal	211	64.3	117	35.7	279	85.1	49	14.9	181	55.2	98	29.9	30	9.1	19	5.8
2009	Level 1	75	59.1	52	40.9	101	79.5	26	20.5	55	43.3	46	36.2	20	15.7	6	4.7
	Level 2	69	60.5	45	39.5	98	86.0	16	14.0	59	51.8	39	34.2	10	8.8	6	5.3
	Level 3	73	70.2	31	29.8	92	88.5	12	11.5	66	63.5	26	25.0	7	6.7	5	4.8
	Subtotal	217	62.9	128	37.1	291	84.3	54	15.7	180	52.2	111	32.2	37	10.7	17	4.9
2010	Level 1	101	70.1	43	29.9	128	88.9	16	11.1	92	63.9	36	25.0	9	6.3	7	4.9
	Level 2	73	58.9	51	41.1	100	80.6	24	19.4	55	44.4	45	36.3	18	14.5	6	4.8
	Level 3	65	63.1	38	36.9	87	84.5	16	15.5	55	53.4	32	31.1	10	9.7	6	5.8
	Subtotal	239	64.4	132	35.6	315	84.9	56	15.1	202	54.4	113	30.5	37	10.0	19	5.1
2011	Level 1	99	68.8	45	31.3	125	86.8	19	13.2	89	61.8	36	25.0	10	6.9	9	6.3
	Level 2	97	69.8	42	30.2	124	89.2	15	10.8	88	63.3	36	25.9	9	6.5	6	4.3
	Level 3	70	61.4	44	38.6	92	80.7	22	19.3	54	47.4	38	33.3	16	14.0	6	5.3
	Subtotal	266	67.0	131	33.0	341	85.9	56	14.1	231	58.2	110	27.7	35	8.8	21	5.3
2012	Level 1	107	68.6	49	31.4	128	82.1	28	17.9	93	59.6	35	22.4	14	9.0	14	9.0
	Level 2	97	69.3	43	30.7	121	86.4	19	13.6	87	62.1	34	24.3	10	7.1	9	6.4
	Level 3	85	72.6	32	27.4	105	89.7	12	10.3	76	65.0	29	24.8	9	7.7	3	2.6
	Subtotal	289	70.0	124	30.0	354	85.7	59	14.3	256	62.0	98	23.7	33	8.0	26	6.3
2013	Level 1	108	64.7	59	35.3	136	81.4	31	18.6	93	55.7	43	25.7	15	9.0	16	9.6
	Level 2	102	68.0	48	32.0	125	83.3	25	16.7	91	60.7	34	22.7	11	7.3	14	9.3
	Level 3	88	70.4	37	29.6	106	84.8	19	15.2	78	62.4	28	22.4	10	8.0	9	7.2
	Subtotal	298	67.4	144	32.6	367	83.0	75	17.0	262	59.3	105	23.8	36	8.1	39	8.8
2014	Level 1	108	63.9	61	36.1	144	85.2	25	14.8	100	59.2	44	26.0	8	4.7	17	10.1
	Level 2	104	64.6	57	35.4	132	82.0	29	18.0	90	55.9	42	26.1	14	8.7	15	9.3
	Level 3	89	66.9	44	33.1	110	82.7	23	17.3	79	59.4	31	23.3	10	7.5	13	9.8
	Subtotal	301	65.0	162	35.0	386	83.4	77	16.6	269	58.1	117	25.3	32	6.9	45	9.7
2015	Level 1	109	65.3	58	34.7	131	78.4	36	21.6	87	52.1	44	26.3	22	13.2	14	8.4
	Level 2	107	63.7	61	36.3	144	85.7	24	14.3	100	59.5	44	26.2	7	4.2	17	10.1
	Level 3	95	66.4	48	33.6	115	80.4	28	19.6	81	56.6	34	23.8	14	9.8	14	9.8
	Subtotal	311	65.1	167	34.9	390	81.6	88	18.4	268	56.1	122	25.5	43	9.0	45	9.4
2016	Level 1	137	74.1	48	25.9	149	80.5	36	19.5	118	63.8	31	16.8	19	10.3	17	9.2
	Level 2	103	65.6	54	34.4	125	79.6	32	20.4	83	52.9	42	26.8	20	12.7	12	7.6
	Level 3	100	63.7	57	36.3	135	86.0	22	14.0	93	59.2	42	26.8	7	4.5	15	9.6
	Subtotal	340	68.1	159	31.9	409	82.0	90	18.0	294	58.9	115	23.0	46	9.2	44	8.8
2017	Level 1	117	61.9	72	38.1	145	76.7	44	23.3	92	48.7	53	28.0	25	13.2	19	10.1
	Level 2	135	74.2	47	25.8	149	81.9	33	18.1	117	64.3	32	17.6	18	9.9	15	8.2
	Level 3	95	66.4	48	33.6	111	77.6	32	22.4	75	52.4	36	25.2	20	14.0	12	8.4
	Subtotal	347	67.5	167	32.5	405	78.8	109	21.2	284	55.3	121	23.5	63	12.3	46	8.9
2018	Level 1	137	72.5	52	27.5	149	78.8	40	21.2	109	57.7	40	21.2	28	14.8	12	6.3
	Level 2	116	62.4	70	37.6	143	76.9	43	23.1	92	49.5	51	27.4	24	12.9	19	10.2
	Level 3	125	75.3	41	24.7	134	80.7	32	19.3	108	65.1	26	15.7	17	10.2	15	9.0
	Subtotal	378	69.9	163	30.1	426	78.7	115	21.3	309	57.1	117	21.6	69	12.8	46	8.5
2019	Level 1	133	65.8	69	34.2	167	82.7	35	17.3	110	54.5	57	28.2	23	11.4	12	5.9
	Level 2	132	72.5	50	27.5	147	80.8	35	19.2	108	59.3	39	21.4	24	13.2	11	6.0
	Level 3	112	64.7	61	35.3	132	76.3	41	23.7	89	51.4	43	24.9	23	13.3	18	10.4
	Subtotal	377	67.7	180	32.3	446	80.1	111	19.9	307	55.1	139	25.0	70	12.6	41	7.4

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Pediatric Emergency Medicine programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.6.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Emergency Medicine Programs Since 2004 by Gender

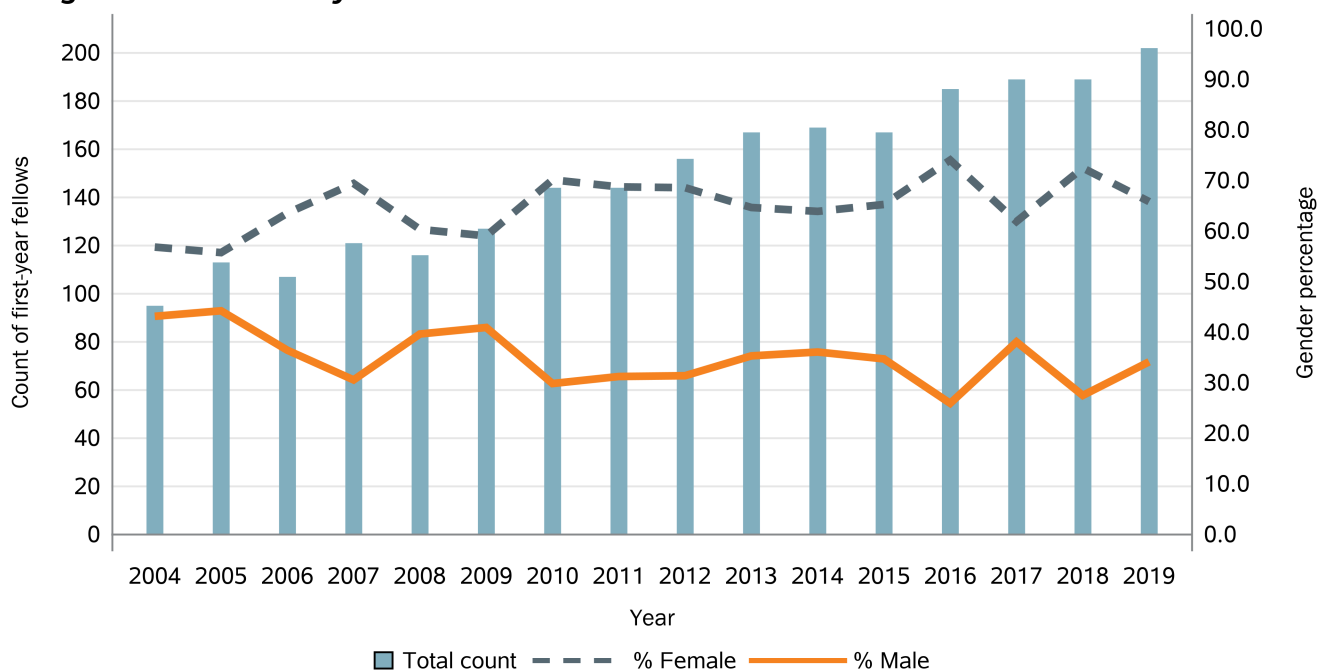
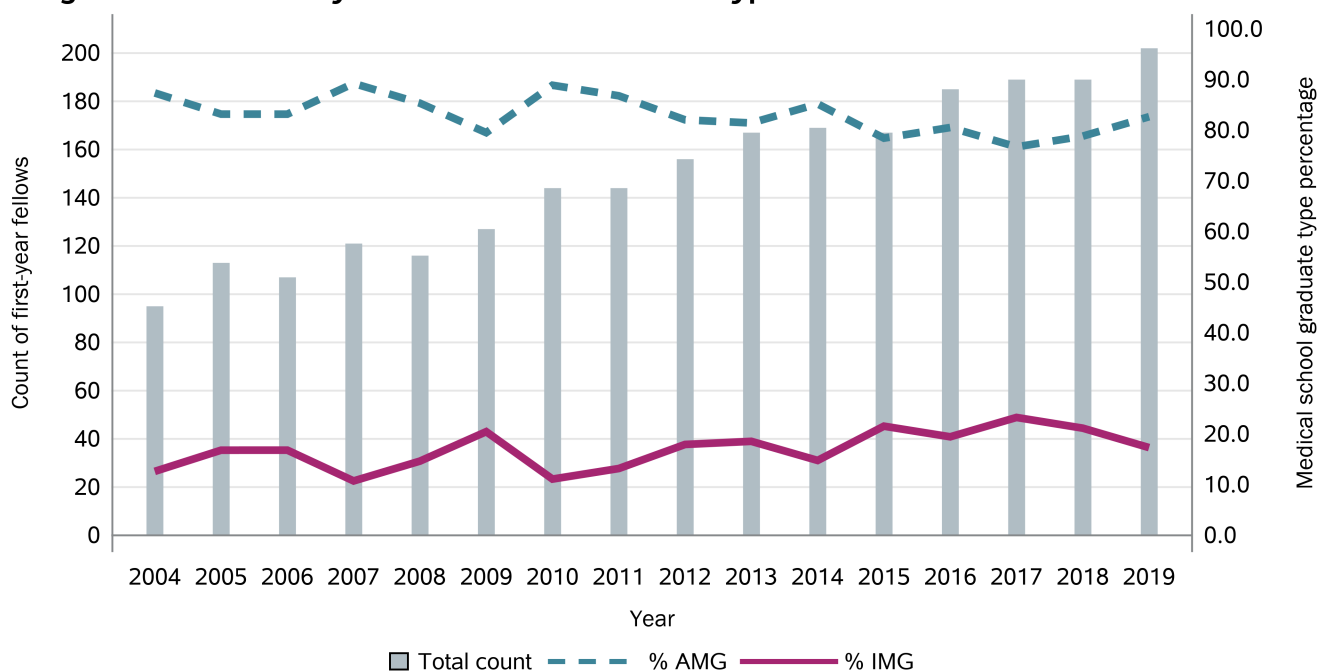


Figure 4.6.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Emergency Medicine Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.6.4.

4.7. Pediatric Endocrinology

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Table 4.7.1. All Pediatric Endocrinology Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=488)		Time-limited/ no end date (n=1,397)		Lapsed (n=186)		Revoked (n=7)		Total (n=2,078)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	406	29.1	9	4.8	0	0.0	415	20.0
41 to 50	0	0.0	544	38.9	34	18.3	0	0.0	578	27.8
51 to 60	0	0.0	294	21.0	47	25.3	0	0.0	341	16.4
61 to 70	109	22.3	145	10.4	77	41.4	3	42.9	334	16.1
71 to 80	226	46.3	8	0.6	15	8.1	3	42.9	252	12.1
81 to 90	88	18.0	0	0.0	4	2.2	0	0.0	92	4.4
> 90	28	5.7	0	0.0	0	0.0	1	14.3	29	1.4
No birth year available	37	7.6	0	0.0	0	0.0	0	0.0	37	1.8
Gender										
Female	149	30.5	1,008	72.2	97	52.2	0	0.0	1,254	60.3
Male	339	69.5	389	27.8	89	47.8	7	100.0	824	39.7
Medical school graduate type										
AMG	336	68.9	944	67.6	120	64.5	6	85.7	1,406	67.7
IMG	152	31.1	453	32.4	66	35.5	1	14.3	672	32.3

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Endocrinology since certification was first awarded in 1978 (n=2,078).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 1.8% of Pediatric Endocrinology diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.7.2. All Pediatric Endocrinology Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=109)		Time-limited/ no end date (n=1,389)		Lapsed (n=167)		Revoked (n=3)		Total (n=1,668)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	406	29.2	9	5.4	0	0.0	415	24.9
41 to 50	0	0.0	544	39.2	34	20.4	0	0.0	578	34.7
51 to 60	0	0.0	294	21.2	47	28.1	0	0.0	341	20.4
61 to 70	109	100.0	145	10.4	77	46.1	3	100.0	334	20.0
Gender										
Female	54	49.5	1,005	72.4	87	52.1	0	0.0	1,146	68.7
Male	55	50.5	384	27.6	80	47.9	3	100.0	522	31.3
Medical school graduate type										
AMG	91	83.5	940	67.7	110	65.9	2	66.7	1,143	68.5
IMG	18	16.5	449	32.3	57	34.1	1	33.3	525	31.5

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Endocrinology since certification was first awarded in 1978 (n=1,668).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 1.8% of Pediatric Endocrinology diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.7.3. US-Based Pediatric Endocrinology Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	14	77,844.3	1.3
Alaska	183,816	4	45,954.0	2.2
Arizona	1,642,647	28	58,666.0	1.7
Arkansas	703,180	9	78,131.1	1.3
California	8,989,764	176	51,078.2	2.0
Colorado	1,265,232	31	40,813.9	2.5
Connecticut	735,193	36	20,422.0	4.9
Delaware	203,616	4	50,904.0	2.0
District of Columbia	127,494	7	18,213.4	5.5
Florida	4,229,071	98	43,153.8	2.3
Georgia	2,505,531	23	108,936.1	0.9
Hawaii	303,413	5	60,682.6	1.6
Idaho	446,972	3	148,990.7	0.7
Illinois	2,857,131	53	53,908.1	1.9
Indiana	1,568,130	23	68,179.6	1.5
Iowa	730,767	11	66,433.4	1.5
Kansas	705,961	20	35,298.1	2.8
Kentucky	1,008,829	17	59,342.9	1.7
Louisiana	1,095,916	11	99,628.7	1.0
Maine	250,404	5	50,080.8	2.0
Maryland	1,340,148	60	22,335.8	4.5
Massachusetts	1,366,857	83	16,468.2	6.1
Michigan	2,164,668	41	52,796.8	1.9
Minnesota	1,302,615	29	44,917.8	2.2
Mississippi	706,138	5	141,227.6	0.7
Missouri	1,376,751	33	41,719.7	2.4
Montana	229,434	3	76,478.0	1.3
Nebraska	476,841	5	95,368.2	1.0
Nevada	688,997	4	172,249.3	0.6
New Hampshire	258,170	10	25,817.0	3.9
New Jersey	1,953,631	65	30,055.9	3.3
New Mexico	482,153	1	482,153.0	0.2
New York	4,068,092	135	30,134.0	3.3
North Carolina	2,300,622	42	54,776.7	1.8
North Dakota	178,697	1	178,697.0	0.6
Ohio	2,593,325	59	43,954.7	2.3
Oklahoma	956,433	15	63,762.2	1.6
Oregon	873,567	21	41,598.4	2.4
Pennsylvania	2,648,911	71	37,308.6	2.7
Rhode Island	205,202	11	18,654.7	5.4
South Carolina	1,105,655	16	69,103.4	1.4
South Dakota	217,606	6	36,267.7	2.8
Tennessee	1,506,219	38	39,637.3	2.5
Texas	7,398,009	121	61,140.6	1.6
Utah	932,462	12	77,705.2	1.3
Vermont	115,973	3	38,657.7	2.6
Virginia	1,869,737	45	41,549.7	2.4
Washington	1,663,283	27	61,603.1	1.6
West Virginia	364,160	5	72,832.0	1.4
Wisconsin	1,276,101	19	67,163.2	1.5
Wyoming	134,775	1	134,775.0	0.7
Total	73,398,119	1,565	46,899.8	2.1

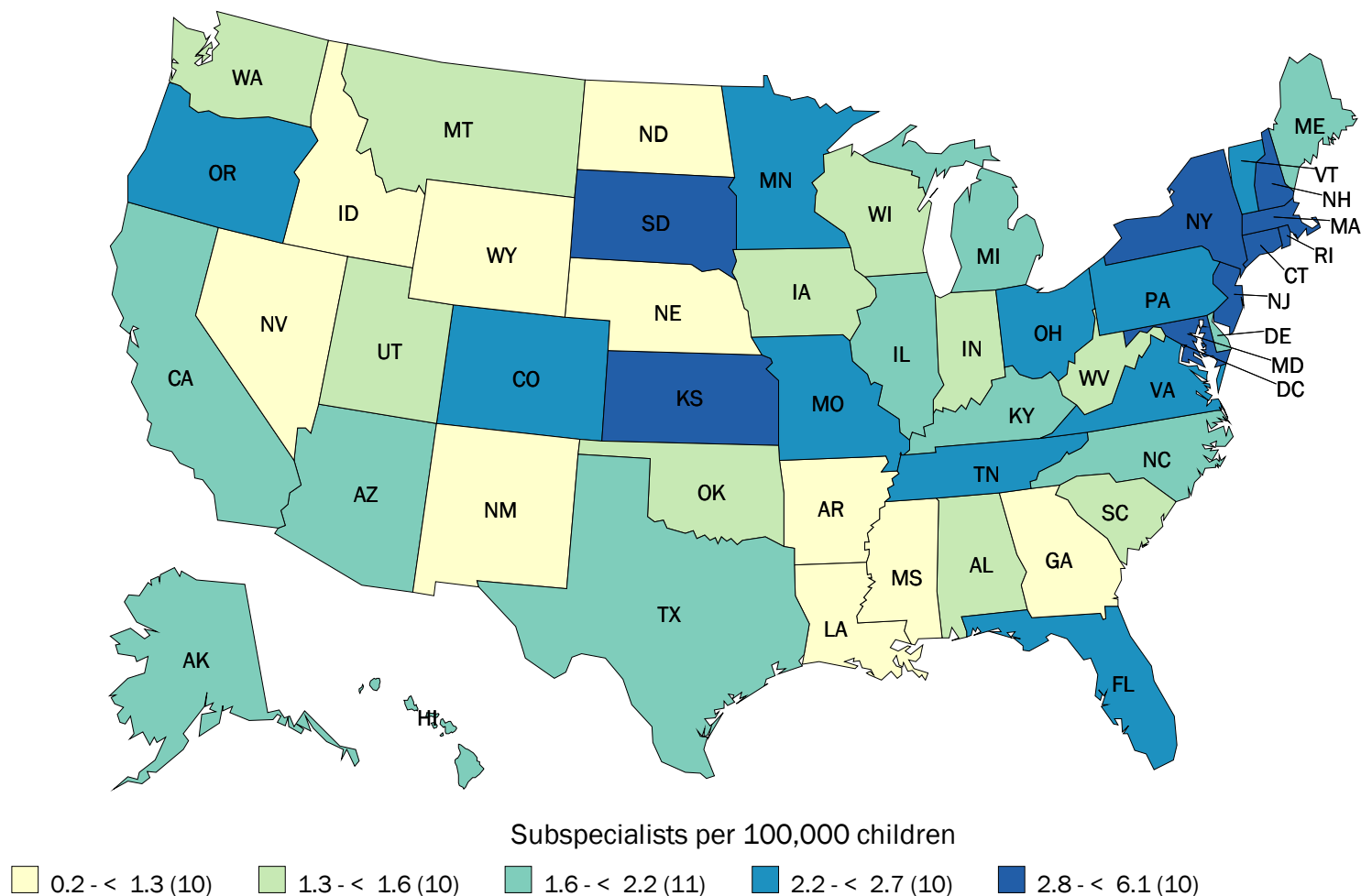
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Endocrinology diplomates ever certified, age 70 and under (n=1,565), among all diplomates ever certified in Pediatric Endocrinology (n=2,078). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Endocrinology subspecialist diplomates ever certified, 513 (24.7%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (373, 17.9%), diplomates for whom birth year data is unavailable (37, 1.8%), diplomates whose address data are unavailable (61, 2.9%) and diplomates with an address outside of the 50 US states (42, 2.0%). While included in this table, approximately 10.0% of US-based Pediatric Endocrinology diplomates age 70 and under have lapsed certificates, and 0.2% have had their certifications revoked. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.7.1. Distribution of US-Based Pediatric Endocrinology Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Endocrinology diplomates ever certified, age 70 and under (n=1,565), among all diplomates ever certified in Pediatric Endocrinology (n=2,078). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Endocrinology subspecialist diplomates ever certified, 513 (24.7%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (373, 17.9%), diplomates for whom birth year data is unavailable (37, 1.8%), diplomates whose address data are unavailable (61, 2.9%) and diplomates with an address outside of the 50 US states (42, 2.0%). While included in this map, approximately 10.0% of US-based Pediatric Endocrinology diplomates age 70 and under have lapsed certificates, and 0.2% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.7.4 Yearly Count of Pediatric Endocrinology Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender								Total fellows
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2004	Level 1	42	63.6	24	36.4	44	66.7	22	33.3	26	39.4	18	27.3	16	24.2	6	9.1	66
	Level 2	41	67.2	20	32.8	45	73.8	16	26.2	30	49.2	15	24.6	11	18.0	5	8.2	61
	Level 3	39	69.6	17	30.4	35	62.5	21	37.5	23	41.1	12	21.4	16	28.6	5	8.9	56
	Subtotal	122	66.7	61	33.3	124	67.8	59	32.2	79	43.2	45	24.6	43	23.5	16	8.7	183
2005	Level 1	58	79.5	15	20.5	45	61.6	28	38.4	36	49.3	9	12.3	22	30.1	6	8.2	73
	Level 2	42	64.6	23	35.4	43	66.2	22	33.8	25	38.5	18	27.7	17	26.2	5	7.7	65
	Level 3	40	69.0	18	31.0	43	74.1	15	25.9	29	50.0	14	24.1	11	19.0	4	6.9	58
	Subtotal	140	71.4	56	28.6	131	66.8	65	33.2	90	45.9	41	20.9	50	25.5	15	7.7	196
2006	Level 1	54	68.4	25	31.6	48	60.8	31	39.2	34	43.0	14	17.7	20	25.3	11	13.9	79
	Level 2	52	77.6	15	22.4	42	62.7	25	37.3	33	49.3	9	13.4	19	28.4	6	9.0	67
	Level 3	42	66.7	21	33.3	42	66.7	21	33.3	26	41.3	16	25.4	16	25.4	5	7.9	63
	Subtotal	148	70.8	61	29.2	132	63.2	77	36.8	93	44.5	39	18.7	55	26.3	22	10.5	209
2007	Level 1	59	77.6	17	22.4	53	69.7	23	30.3	40	52.6	13	17.1	19	25.0	4	5.3	76
	Level 2	49	67.1	24	32.9	45	61.6	28	38.4	31	42.5	14	19.2	18	24.7	10	13.7	73
	Level 3	54	79.4	14	20.6	42	61.8	26	38.2	34	50.0	8	11.8	20	29.4	6	8.8	68
	Subtotal	162	74.7	55	25.3	140	64.5	77	35.5	105	48.4	35	16.1	57	26.3	20	9.2	217
2008	Level 1	73	88.0	10	12.0	57	68.7	26	31.3	51	61.4	6	7.2	22	26.5	4	4.8	83
	Level 2	58	77.3	17	22.7	50	66.7	25	33.3	38	50.7	12	16.0	20	26.7	5	6.7	75
	Level 3	47	67.1	23	32.9	43	61.4	27	38.6	30	42.9	13	18.6	17	24.3	10	14.3	70
	Subtotal	178	78.1	50	21.9	150	65.8	78	34.2	119	52.2	31	13.6	59	25.9	19	8.3	228
2009	Level 1	62	86.1	10	13.9	54	75.0	18	25.0	47	65.3	7	9.7	15	20.8	3	4.2	72
	Level 2	73	88.0	10	12.0	57	68.7	26	31.3	51	61.4	6	7.2	22	26.5	4	4.8	83
	Level 3	54	78.3	15	21.7	49	71.0	20	29.0	37	53.6	12	17.4	17	24.6	3	4.3	69
	Subtotal	189	84.4	35	15.6	160	71.4	64	28.6	135	60.3	25	11.2	54	24.1	10	4.5	224
2010	Level 1	76	83.5	15	16.5	63	69.2	28	30.8	51	56.0	12	13.2	25	27.5	3	3.3	91
	Level 2	58	85.3	10	14.7	51	75.0	17	25.0	44	64.7	7	10.3	14	20.6	3	4.4	68
	Level 3	73	88.0	10	12.0	56	67.5	27	32.5	50	60.2	6	7.2	23	27.7	4	4.8	83
	Subtotal	207	85.5	35	14.5	170	70.2	72	29.8	145	59.9	25	10.3	62	25.6	10	4.1	242
2011	Level 1	66	76.7	20	23.3	51	59.3	35	40.7	40	46.5	11	12.8	26	30.2	9	10.5	86
	Level 2	75	85.2	13	14.8	62	70.5	26	29.5	51	58.0	11	12.5	24	27.3	2	2.3	88
	Level 3	56	84.8	10	15.2	50	75.8	16	24.2	43	65.2	7	10.6	13	19.7	3	4.5	66
	Subtotal	197	82.1	43	17.9	163	67.9	77	32.1	134	55.8	29	12.1	63	26.3	14	5.8	240
2012	Level 1	68	77.3	20	22.7	59	67.0	29	33.0	48	54.5	11	12.5	20	22.7	9	10.2	88
	Level 2	61	76.3	19	23.8	47	58.8	33	41.3	37	46.3	10	12.5	24	30.0	9	11.3	80
	Level 3	73	84.9	13	15.1	61	70.9	25	29.1	50	58.1	11	12.8	23	26.7	2	2.3	86
	Subtotal	202	79.5	52	20.5	167	65.7	87	34.3	135	53.1	32	12.6	67	26.4	20	7.9	254
2013	Level 1	66	79.5	17	20.5	54	65.1	29	34.9	45	54.2	9	10.8	21	25.3	8	9.6	83
	Level 2	66	76.7	20	23.3	59	68.6	27	31.4	47	54.7	12	14.0	19	22.1	8	9.3	86
	Level 3	57	77.0	17	23.0	44	59.5	30	40.5	35	47.3	9	12.2	22	29.7	8	10.8	74
	Subtotal	189	77.8	54	22.2	157	64.6	86	35.4	127	52.3	30	12.3	62	25.5	24	9.9	243
2014	Level 1	59	72.8	22	27.2	43	53.1	38	46.9	29	35.8	14	17.3	30	37.0	8	9.9	81
	Level 2	60	78.9	16	21.1	50	65.8	26	34.2	41	53.9	9	11.8	19	25.0	7	9.2	76
	Level 3	67	77.0	20	23.0	57	65.5	30	34.5	45	51.7	12	13.8	22	25.3	8	9.2	87
	Subtotal	186	76.2	58	23.8	150	61.5	94	38.5	115	47.1	35	14.3	71	29.1	23	9.4	244
2015	Level 1	69	78.4	19	21.6	52	59.1	36	40.9	45	51.1	7	8.0	24	27.3	12	13.6	88
	Level 2	56	71.8	22	28.2	42	53.8	36	46.2	28	35.9	14	17.9	28	35.9	8	10.3	78
	Level 3	60	80.0	15	20.0	50	66.7	25	33.3	41	54.7	9	12.0	19	25.3	6	8.0	75
	Subtotal	185	76.8	56	23.2	144	59.8	97	40.2	114	47.3	30	12.4	71	29.5	26	10.8	241
2016	Level 1	62	77.5	18	22.5	42	52.5	38	47.5	33	41.3	9	11.3	29	36.3	9	11.3	80
	Level 2	65	78.3	18	21.7	49	59.0	34	41.0	42	50.6	7	8.4	23	27.7	11	13.3	83
	Level 3	57	73.1	21	26.9	43	55.1	35	44.9	29	37.2	14	17.9	28	35.9	7	9.0	78
	Subtotal	184	76.3	57	23.7	134	55.6	107	44.4	104	43.2	30	12.4	80	33.2	27	11.2	241
2017	Level 1	64	79.0	17	21.0	51	63.0	30	37.0	39	48.1	12	14.8	25	30.9	5	6.2	81
	Level 2	61	77.2	18	22.8	42	53.2	37	46.8	33	41.8	9	11.4	28	35.4	9	11.4	79
	Level 3	59	77.6	17	22.4	45	59.2	31	40.8	39	51.3	6	7.9	20	26.3	11	14.5	76
	Subtotal	184	78.0	52	22.0	138	58.5	98	41.5	111	47.0	27	11.4	73	30.9	25	10.6	236
2018	Level 1	66	83.5	13	16.5	45	57.0	34	43.0	38	48.1	7	8.9	28	35.4	6	7.6	79
	Level 2	63	80.8	15	19.2	49	62.8	29	37.2	38	48.7	11	14.1	25	32.1	4	5.1	78
	Level 3	63	77.8	18	22.2	44	54.3	37	45.7	35	43.2	9	11.1	28	34.6	9	11.1	81
	Subtotal	192	80.7	46	19.3	138	58.0	100	42.0	111	46.6	27	11.3	81	34.0	19	8.0	238
2019	Level 1	64	87.7	9	12.3	48	65.8	25	34.2	41	56.2	7	9.6	23	31.5	2	2.7	73
	Level 2	64	83.1	13	16.9	45	58.4	32	41.6	38	49.4	7	9.1	26	33.8	6	7.8	77
	Level 3	63	81.8	14	18.2	49	63.6	28	36.4	38	49.4	11	14.3	25	32.5	3	3.9	77
	Subtotal	191	84.1	36	15.9	142	62.6	85	37.4	117	51.5	25	11.0	74	32.6	11	4.8	227

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Pediatric Endocrinology programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.7.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Endocrinology Programs Since 2004 by Gender

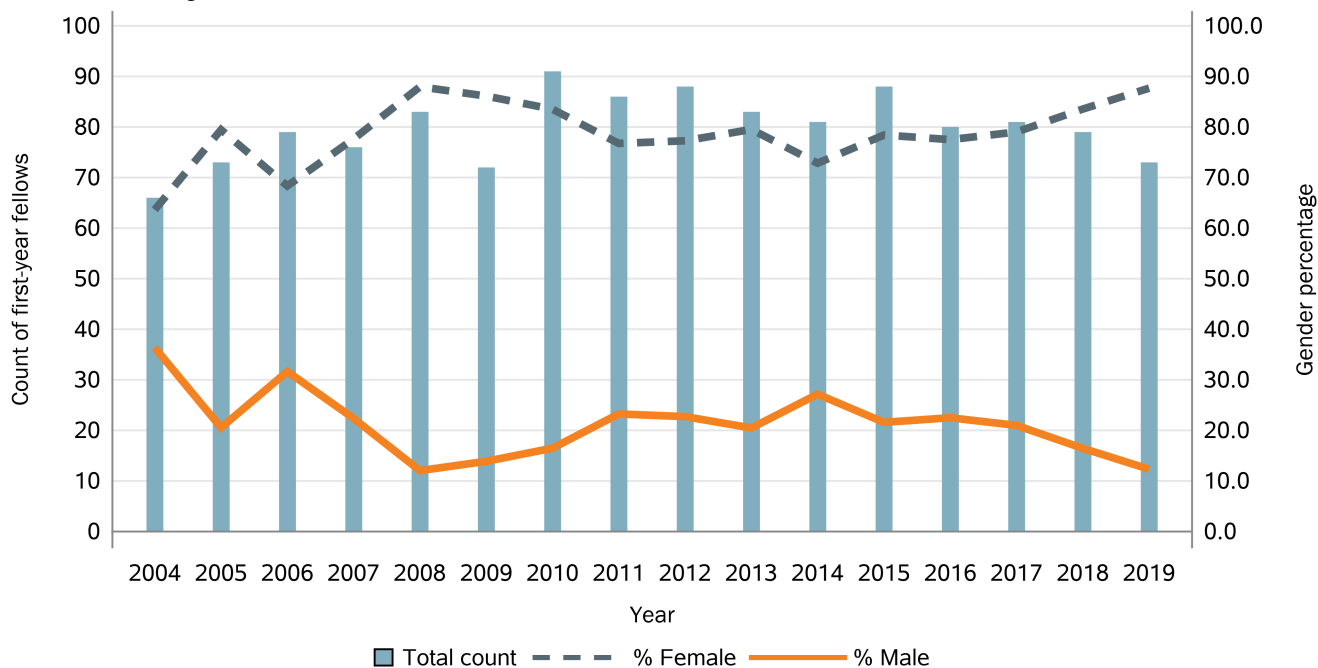
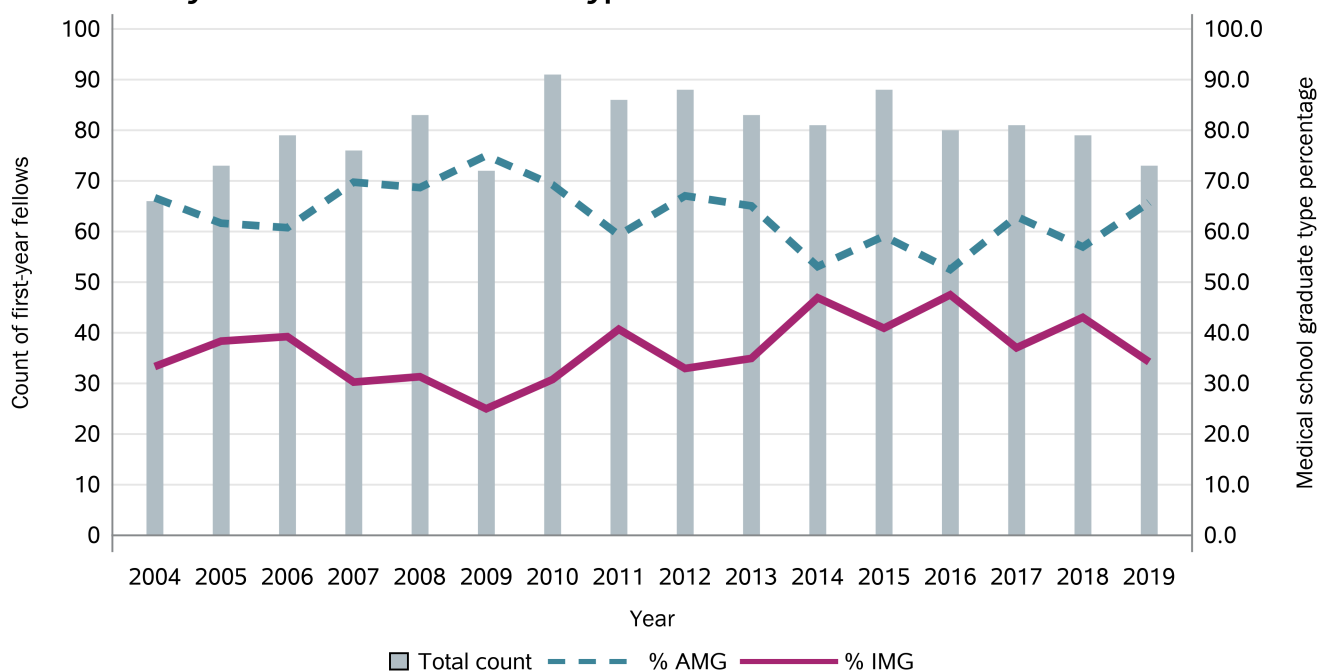


Figure 4.7.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Endocrinology Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.7.4.

4.8. Pediatric Gastroenterology

Subsection Contents

Overall Pediatric Gastroenterology Diplomate Information

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Pediatric Gastroenterology Fellowship Tracking Information

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Table 4.8.1. All Pediatric Gastroenterology Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=1,749)		Lapsed (n=292)		Revoked (n=5)		Total (n=2,046)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	499	28.5	6	2.1	0	0.0	505	24.7
41 to 50	0	0.0	615	35.2	24	8.2	2	40.0	641	31.3
51 to 60	0	0.0	325	18.6	51	17.5	1	20.0	377	18.4
61 to 70	0	0.0	255	14.6	105	36.0	1	20.0	361	17.6
71 to 80	0	0.0	55	3.1	76	26.0	1	20.0	132	6.5
81 to 90	0	0.0	0	0.0	27	9.2	0	0.0	27	1.3
> 90	0	0.0	0	0.0	3	1.0	0	0.0	3	0.1
No birth year available	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gender										
Female	0	0.0	858	49.1	79	27.1	0	0.0	937	45.8
Male	0	0.0	891	50.9	213	72.9	5	100.0	1,109	54.2
Medical school graduate type										
AMG	0	0.0	1,177	67.3	198	67.8	1	20.0	1,376	67.3
IMG	0	0.0	572	32.7	94	32.2	4	80.0	670	32.7

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Gastroenterology since certification was first awarded in 1990 (n=2,046).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.8.2. All Pediatric Gastroenterology Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=1,694)		Lapsed (n=186)		Revoked (n=4)		Total (n=1,884)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	499	29.5	6	3.2	0	0.0	505	26.8
41 to 50	0	0.0	615	36.3	24	12.9	2	50.0	641	34.0
51 to 60	0	0.0	325	19.2	51	27.4	1	25.0	377	20.0
61 to 70	0	0.0	255	15.1	105	56.5	1	25.0	361	19.2
Gender										
Female	0	0.0	851	50.2	65	34.9	0	0.0	916	48.6
Male	0	0.0	843	49.8	121	65.1	4	100.0	968	51.4
Medical school graduate type										
AMG	0	0.0	1,132	66.8	120	64.5	1	25.0	1,253	66.5
IMG	0	0.0	562	33.2	66	35.5	3	75.0	631	33.5

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Gastroenterology since certification was first awarded in 1990 (n=1,884).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.8.3. US-Based Pediatric Gastroenterology Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	17	64,107.1	1.6
Alaska	183,816	3	61,272.0	1.6
Arizona	1,642,647	28	58,666.0	1.7
Arkansas	703,180	9	78,131.1	1.3
California	8,989,764	198	45,402.8	2.2
Colorado	1,265,232	45	28,116.3	3.6
Connecticut	735,193	22	33,417.9	3.0
Delaware	203,616	7	29,088.0	3.4
District of Columbia	127,494	8	15,936.8	6.3
Florida	4,229,071	99	42,717.9	2.3
Georgia	2,505,531	42	59,655.5	1.7
Hawaii	303,413	6	50,568.8	2.0
Idaho	446,972	5	89,394.4	1.1
Illinois	2,857,131	59	48,425.9	2.1
Indiana	1,568,130	32	49,004.1	2.0
Iowa	730,767	16	45,672.9	2.2
Kansas	705,961	15	47,064.1	2.1
Kentucky	1,008,829	10	100,882.9	1.0
Louisiana	1,095,916	21	52,186.5	1.9
Maine	250,404	9	27,822.7	3.6
Maryland	1,340,148	49	27,350.0	3.7
Massachusetts	1,366,857	106	12,894.9	7.8
Michigan	2,164,668	42	51,539.7	1.9
Minnesota	1,302,615	27	48,245.0	2.1
Mississippi	706,138	9	78,459.8	1.3
Missouri	1,376,751	40	34,418.8	2.9
Montana	229,434	4	57,358.5	1.7
Nebraska	476,841	11	43,349.2	2.3
Nevada	688,997	10	68,899.7	1.5
New Hampshire	258,170	9	28,685.6	3.5
New Jersey	1,953,631	75	26,048.4	3.8
New Mexico	482,153	6	80,358.8	1.2
New York	4,068,092	137	29,694.1	3.4
North Carolina	2,300,622	53	43,408.0	2.3
North Dakota	178,697	2	89,348.5	1.1
Ohio	2,593,325	113	22,949.8	4.4
Oklahoma	956,433	11	86,948.5	1.2
Oregon	873,567	17	51,386.3	1.9
Pennsylvania	2,648,911	105	25,227.7	4.0
Rhode Island	205,202	7	29,314.6	3.4
South Carolina	1,105,655	14	78,975.4	1.3
South Dakota	217,606	6	36,267.7	2.8
Tennessee	1,506,219	36	41,839.4	2.4
Texas	7,398,009	135	54,800.1	1.8
Utah	932,462	18	51,803.4	1.9
Vermont	115,973	4	28,993.3	3.4
Virginia	1,869,737	38	49,203.6	2.0
Washington	1,663,283	28	59,403.0	1.7
West Virginia	364,160	6	60,693.3	1.6
Wisconsin	1,276,101	34	37,532.4	2.7
Wyoming	134,775	0	-	-
Total	73,398,119	1,803	40,708.9	2.5

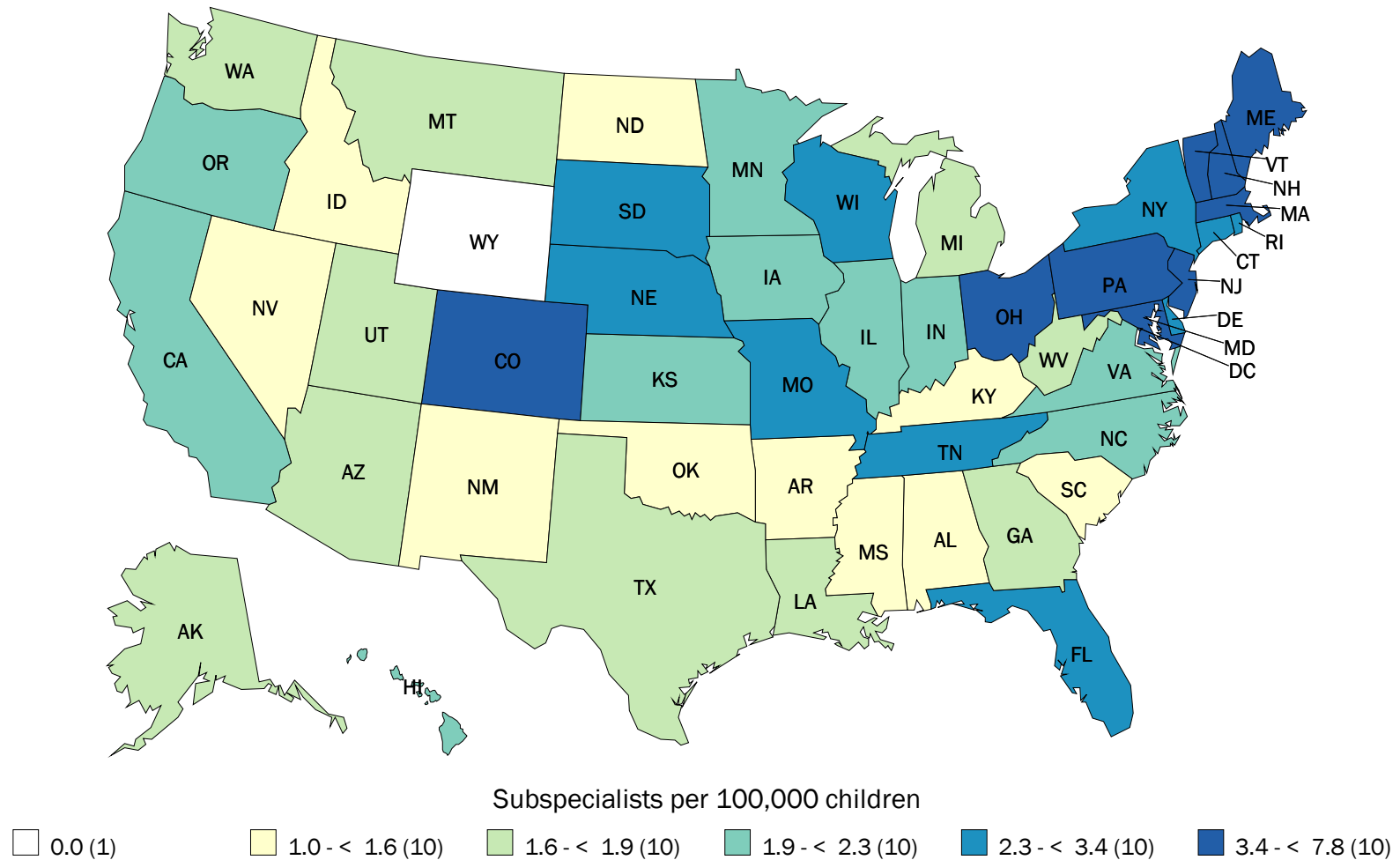
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Gastroenterology diplomates ever certified, age 70 and under (n=1,803), among all diplomates ever certified in Pediatric Gastroenterology (n=2,046). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Gastroenterology subspecialist diplomates ever certified, 243 (11.9%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (162, 7.9%), diplomates whose address data are unavailable (38, 1.9%) and diplomates with an address outside of the 50 US states (43, 2.1%). While included in this table, approximately 9.9% of US-based Pediatric Gastroenterology diplomates age 70 and under have lapsed certificates, and 0.2% have had their certifications revoked. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.8.1. Distribution of US-Based Pediatric Gastroenterology Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Gastroenterology diplomates ever certified, age 70 and under (n=1,803), among all diplomates ever certified in Pediatric Gastroenterology (n=2,046). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Gastroenterology subspecialist diplomates ever certified, 243 (11.9%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (162, 7.9%), diplomates whose address data are unavailable (38, 1.9%) and diplomates with an address outside of the 50 US states (43, 2.1%). While included in this map, approximately 9.9% of US-based Pediatric Gastroenterology diplomates age 70 and under have lapsed certificates, and 0.2% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.8.4 Yearly Count of Pediatric Gastroenterology Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type								Medical school graduate type by gender								Total fellows
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male						
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%					
2004	Level 1	32	50.0	32	50.0	46	71.9	18	28.1	20	31.3	26	40.6	12	18.8	6	9.4	64				
	Level 2	20	34.5	38	65.5	36	62.1	22	37.9	13	22.4	23	39.7	7	12.1	15	25.9	58				
	Level 3	20	39.2	31	60.8	31	60.8	20	39.2	12	23.5	19	37.3	8	15.7	12	23.5	51				
	Subtotal	72	41.6	101	58.4	113	65.3	60	34.7	45	26.0	68	39.3	27	15.6	33	19.1	173				
2005	Level 1	33	45.8	39	54.2	51	70.8	21	29.2	24	33.3	27	37.5	9	12.5	12	16.7	72				
	Level 2	32	50.8	31	49.2	45	71.4	18	28.6	20	31.7	25	39.7	12	19.0	6	9.5	63				
	Level 3	18	31.0	40	69.0	37	63.8	21	36.2	13	22.4	24	41.4	5	8.6	16	27.6	58				
	Subtotal	83	43.0	110	57.0	133	68.9	60	31.1	57	29.5	76	39.4	26	13.5	34	17.6	193				
2006	Level 1	38	51.4	36	48.6	55	74.3	19	25.7	27	36.5	28	37.8	11	14.9	8	10.8	74				
	Level 2	32	45.7	38	54.3	49	70.0	21	30.0	23	32.9	26	37.1	9	12.9	12	17.1	70				
	Level 3	32	52.5	29	47.5	43	70.5	18	29.5	20	32.8	23	37.7	12	19.7	6	9.8	61				
	Subtotal	102	49.8	103	50.2	147	71.7	58	28.3	70	34.1	77	37.6	32	15.6	26	12.7	205				
2007	Level 1	39	50.0	39	50.0	52	66.7	26	33.3	27	34.6	25	32.1	12	15.4	14	17.9	78				
	Level 2	37	51.4	35	48.6	54	75.0	18	25.0	27	37.5	27	37.5	10	13.9	8	11.1	72				
	Level 3	32	46.4	37	53.6	49	71.0	20	29.0	23	33.3	26	37.7	9	13.0	11	15.9	69				
	Subtotal	108	49.3	111	50.7	155	70.8	64	29.2	77	35.2	78	35.6	31	14.2	33	15.1	219				
2008	Level 1	47	58.0	34	42.0	59	72.8	22	27.2	37	45.7	22	27.2	10	12.3	12	14.8	81				
	Level 2	38	50.0	38	50.0	50	65.8	26	34.2	26	34.2	24	31.6	12	15.8	14	18.4	76				
	Level 3	36	51.4	34	48.6	54	77.1	16	22.9	27	38.6	27	38.6	9	12.9	7	10.0	70				
	Subtotal	121	53.3	106	46.7	163	71.8	64	28.2	90	39.6	73	32.2	31	13.7	33	14.5	227				
2009	Level 1	50	59.5	34	40.5	61	72.6	23	27.4	38	45.2	23	27.4	12	14.3	11	13.1	84				
	Level 2	45	57.7	33	42.3	57	73.1	21	26.9	36	46.2	21	26.9	9	11.5	12	15.4	78				
	Level 3	35	49.3	36	50.7	45	63.4	26	36.6	23	32.4	22	31.0	12	16.9	14	19.7	71				
	Subtotal	130	55.8	103	44.2	163	70.0	70	30.0	97	41.6	66	28.3	33	14.2	37	15.9	233				
2010	Level 1	51	56.7	39	43.3	63	70.0	27	30.0	40	44.4	23	25.6	11	12.2	16	17.8	90				
	Level 2	50	60.2	33	39.8	60	72.3	23	27.7	38	45.8	22	26.5	12	14.5	11	13.3	83				
	Level 3	46	58.2	33	41.8	58	73.4	21	26.6	37	46.8	21	26.6	9	11.4	12	15.2	79				
	Subtotal	147	58.3	105	41.7	181	71.8	71	28.2	115	45.6	66	26.2	32	12.7	39	15.5	252				
2011	Level 1	57	62.0	35	38.0	63	68.5	29	31.5	40	43.5	23	25.0	17	18.5	12	13.0	92				
	Level 2	50	56.8	38	43.2	62	70.5	26	29.5	40	45.5	22	25.0	10	11.4	16	18.2	88				
	Level 3	52	61.9	32	38.1	62	73.8	22	26.2	40	47.6	22	26.2	12	14.3	10	11.9	84				
	Subtotal	159	60.2	105	39.8	187	70.8	77	29.2	120	45.5	67	25.4	39	14.8	38	14.4	264				
2012	Level 1	64	68.8	29	31.2	66	71.0	27	29.0	47	50.5	19	20.4	17	18.3	10	10.8	93				
	Level 2	56	61.5	35	38.5	63	69.2	28	30.8	40	44.0	23	25.3	16	17.6	12	13.2	91				
	Level 3	51	57.3	38	42.7	63	70.8	26	29.2	41	46.1	22	24.7	10	11.2	16	18.0	89				
	Subtotal	171	62.6	102	37.4	192	70.3	81	29.7	128	46.9	64	23.4	43	15.8	38	13.9	273				
2013	Level 1	60	63.2	35	36.8	54	56.8	41	43.2	43	45.3	11	11.6	17	17.9	24	25.3	95				
	Level 2	64	68.8	29	31.2	66	71.0	27	29.0	47	50.5	19	20.4	17	18.3	10	10.8	93				
	Level 3	55	62.5	33	37.5	60	68.2	28	31.8	39	44.3	21	23.9	16	18.2	12	13.6	88				
	Subtotal	179	64.9	97	35.1	180	65.2	96	34.8	129	46.7	51	18.5	50	18.1	46	16.7	276				
2014	Level 1	58	62.4	35	37.6	57	61.3	36	38.7	36	38.7	21	22.6	22	23.7	14	15.1	93				
	Level 2	58	63.7	33	36.3	53	58.2	38	41.8	42	46.2	11	12.1	16	17.6	22	24.2	91				
	Level 3	65	69.9	28	30.1	65	69.9	28	30.1	48	51.6	17	18.3	17	18.3	11	11.8	93				
	Subtotal	181	65.3	96	34.7	175	63.2	102	36.8	126	45.5	49	17.7	55	19.9	47	17.0	277				
2015	Level 1	72	69.9	31	30.1	78	75.7	25	24.3	57	55.3	21	20.4	15	14.6	10	9.7	103				
	Level 2	58	63.7	33	36.3	56	61.5	35	38.5	36	39.6	20	22.0	22	24.2	13	14.3	91				
	Level 3	57	64.0	32	36.0	53	59.6	36	40.4	41	46.1	12	13.5	16	18.0	20	22.5	89				
	Subtotal	187	66.1	96	33.9	187	66.1	96	33.9	134	47.3	53	18.7	53	18.7	43	15.2	283				
2016	Level 1	64	63.4	37	36.6	70	69.3	31	30.7	43	42.6	27	26.7	21	20.8	10	9.9	101				
	Level 2	72	72.0	28	28.0	75	75.0	25	25.0	57	57.0	18	18.0	15	15.0	10	10.0	100				
	Level 3	57	62.0	35	38.0	55	59.8	37	40.2	35	38.0	20	21.7	22	23.9	15	16.3	92				
	Subtotal	193	65.9	100	34.1	200	68.3	93	31.7	135	46.1	65	22.2	58	19.8	35	11.9	293				
2017	Level 1	67	65.7	35	34.3	70	68.6	32	31.4	50	49.0	20	19.6	17	16.7	15	14.7	102				
	Level 2	63	61.8	39	38.2	72	70.6	30	29.4	43	42.2	29	28.4	20	19.6	10	9.8	102				
	Level 3	70	71.4	28	28.6	73	74.5	25	25.5	55	56.1	18	18.4	15	15.3	10	10.2	98				
	Subtotal	200	66.2	102	33.8	215	71.2	87	28.8	148	49.0	67	22.2	52	17.2	35	11.6	302				
2018	Level 1	72	64.3	40	35.7	87	77.7	25	22.3	59	52.7	28	25.0	13	11.6	12	10.7	112				
	Level 2	67	65.7	35	34.3	70	68.6	32	31.4	50	49.0	20	19.6	17	16.7	15	14.7	102				
	Level 3	62	62.6	37	37.4	70	70.7	29	29.3	42	42.4	28	28.3	20	20.2	9	9.1	99				
	Subtotal	201	64.2	112	35.8	227	72.5	86	27.5	151	48.2	76	24.3	50	16.0	36	11.5	313				
2019	Level 1	70	63.6	40	36.4	81	73.6	29	26.4	54	49.1	27	24.5	16	14.5	13	11.8	110				
	Level 2	72	64.3	40	35.7	87	77.7	25	22.3	59	52.7	28	25.0	13	11.6	12	10.7	112				
	Level 3	67	65.0	36	35.0	72	69.9	31	30.1	51	49.5	21	20.4	16	15.5	15	14.6	103				
	Subtotal	209	64.3	116	35.7	240	73.8	85	26.2	164	50.5	76	23.4	45	13.8	40	12.3	325				

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Pediatric Gastroenterology programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.8.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Gastroenterology Programs Since 2004 by Gender

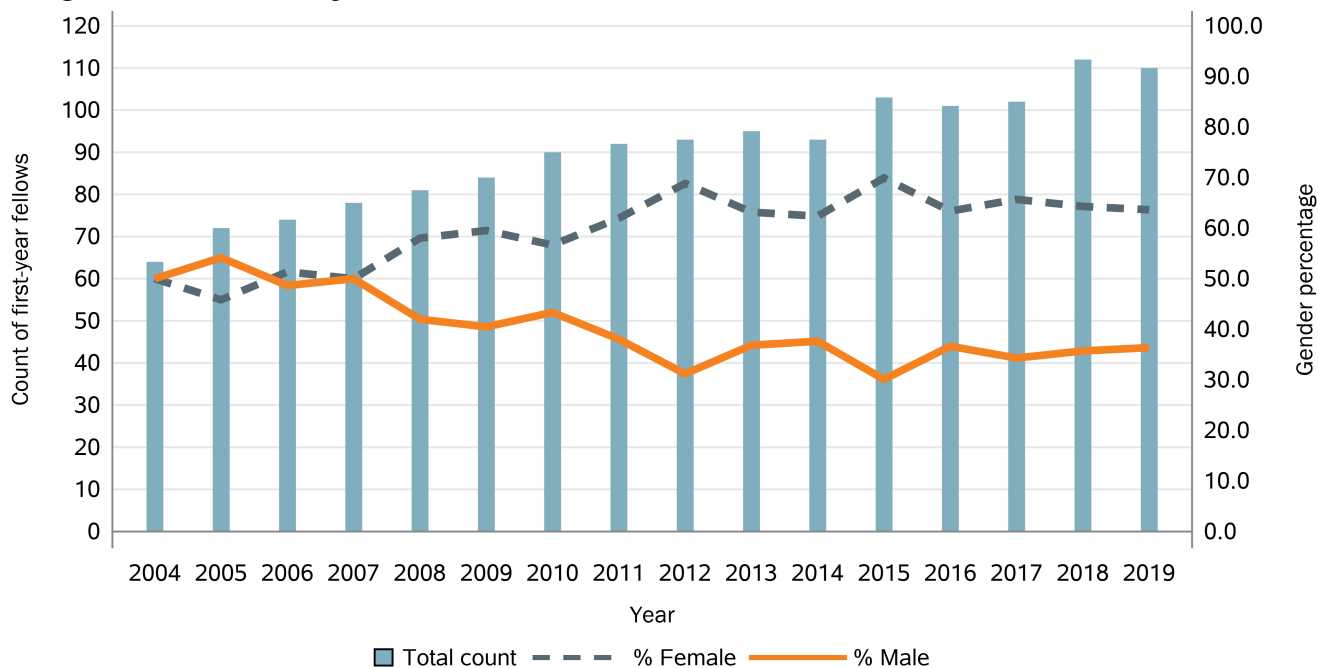
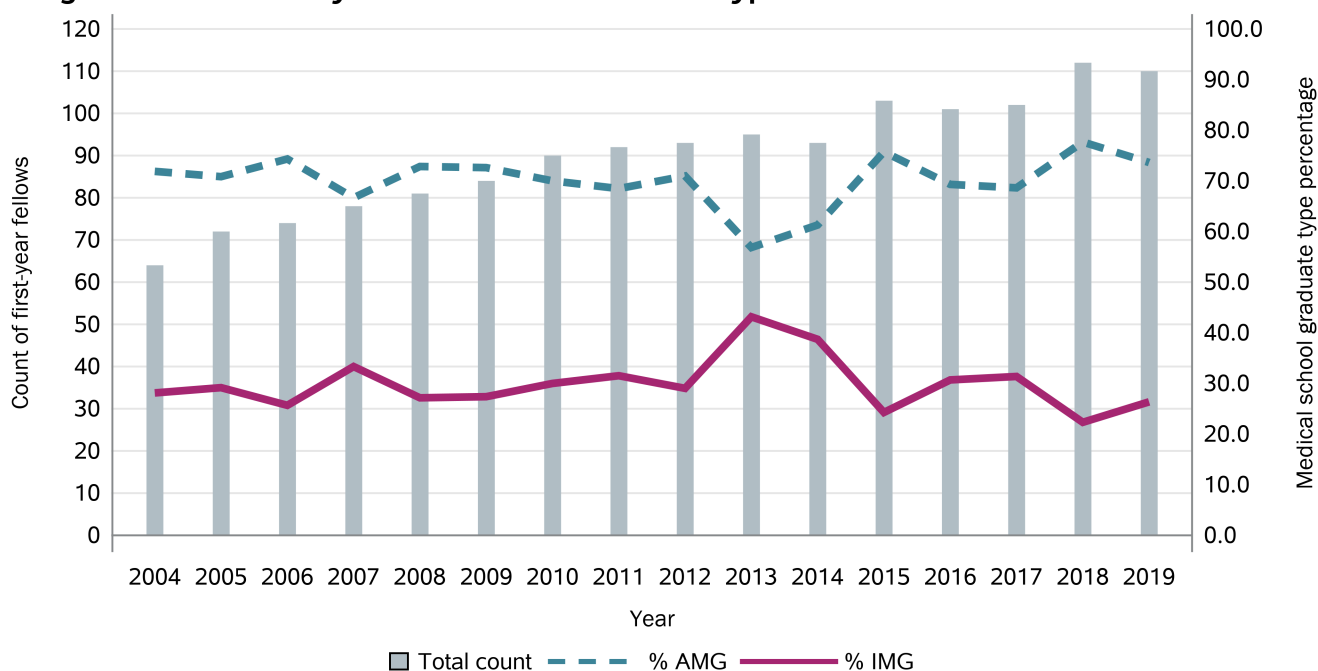


Figure 4.8.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Gastroenterology Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.8.4.

4.9. Pediatric Hematology-Oncology

Subsection Contents

Overall Pediatric Hematology-Oncology Diplomate Information

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Pediatric Hematology-Oncology Fellowship Tracking Information

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Table 4.9.1. All Pediatric Hematology-Oncology Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=837)		Time-limited/ no end date (n=2,381)		Lapsed (n=398)		Revoked (n=6)		Total (n=3,622)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	631	26.5	18	4.5	0	0.0	649	17.9
41 to 50	0	0.0	932	39.1	83	20.9	0	0.0	1,015	28.0
51 to 60	0	0.0	556	23.4	127	31.9	1	16.7	684	18.9
61 to 70	188	22.5	253	10.6	144	36.2	0	0.0	585	16.2
71 to 80	405	48.4	9	0.4	23	5.8	5	83.3	442	12.2
81 to 90	130	15.5	0	0.0	3	0.8	0	0.0	133	3.7
> 90	29	3.5	0	0.0	0	0.0	0	0.0	29	0.8
No birth year available	85	10.2	0	0.0	0	0.0	0	0.0	85	2.3
Gender										
Female	268	32.0	1,362	57.2	186	46.7	1	16.7	1,817	50.2
Male	569	68.0	1,019	42.8	212	53.3	5	83.3	1,805	49.8
Medical school graduate type										
AMG	520	62.1	1,797	75.5	261	65.6	6	100.0	2,584	71.3
IMG	317	37.9	584	24.5	137	34.4	0	0.0	1,038	28.7

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Hematology-Oncology since certification was first awarded in 1974 (n=3,622).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 2.3% of Pediatric Hematology-Oncology diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.9.2. All Pediatric Hematology-Oncology Subspecialists Ever Certified, Age 70 and Under: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=188)		Time-limited/ no end date (n=2,372)		Lapsed (n=372)		Revoked (n=1)		Total (n=2,933)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	631	26.6	18	4.8	0	0.0	649	22.1
41 to 50	0	0.0	932	39.3	83	22.3	0	0.0	1,015	34.6
51 to 60	0	0.0	556	23.4	127	34.1	1	100.0	684	23.3
61 to 70	188	100.0	253	10.7	144	38.7	0	0.0	585	19.9
Gender										
Female	74	39.4	1,359	57.3	174	46.8	0	0.0	1,607	54.8
Male	114	60.6	1,013	42.7	198	53.2	1	100.0	1,326	45.2
Medical school graduate type										
AMG	166	88.3	1,793	75.6	249	66.9	1	100.0	2,209	75.3
IMG	22	11.7	579	24.4	123	33.1	0	0.0	724	24.7

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Hematology-Oncology since certification was first awarded in 1974 (n=2,933).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 2.3% of Pediatric Hematology-Oncology diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.9.3. US-Based Pediatric Hematology-Oncology Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	28	38,922.1	2.6
Alaska	183,816	5	36,763.2	2.7
Arizona	1,642,647	31	52,988.6	1.9
Arkansas	703,180	14	50,227.1	2.0
California	8,989,764	306	29,378.3	3.4
Colorado	1,265,232	60	21,087.2	4.7
Connecticut	735,193	40	18,379.8	5.4
Delaware	203,616	4	50,904.0	2.0
District of Columbia	127,494	24	5,312.3	18.8
Florida	4,229,071	113	37,425.4	2.7
Georgia	2,505,531	82	30,555.3	3.3
Hawaii	303,413	9	33,712.6	3.0
Idaho	446,972	6	74,495.3	1.3
Illinois	2,857,131	79	36,166.2	2.8
Indiana	1,568,130	48	32,669.4	3.1
Iowa	730,767	16	45,672.9	2.2
Kansas	705,961	21	33,617.2	3.0
Kentucky	1,008,829	18	56,046.1	1.8
Louisiana	1,095,916	19	57,679.8	1.7
Maine	250,404	11	22,764.0	4.4
Maryland	1,340,148	117	11,454.3	8.7
Massachusetts	1,366,857	134	10,200.4	9.8
Michigan	2,164,668	65	33,302.6	3.0
Minnesota	1,302,615	57	22,852.9	4.4
Mississippi	706,138	9	78,459.8	1.3
Missouri	1,376,751	48	28,682.3	3.5
Montana	229,434	4	57,358.5	1.7
Nebraska	476,841	12	39,736.8	2.5
Nevada	688,997	6	114,832.8	0.9
New Hampshire	258,170	4	64,542.5	1.5
New Jersey	1,953,631	83	23,537.7	4.2
New Mexico	482,153	11	43,832.1	2.3
New York	4,068,092	195	20,862.0	4.8
North Carolina	2,300,622	84	27,388.4	3.7
North Dakota	178,697	3	59,565.7	1.7
Ohio	2,593,325	135	19,209.8	5.2
Oklahoma	956,433	15	63,762.2	1.6
Oregon	873,567	28	31,198.8	3.2
Pennsylvania	2,648,911	160	16,555.7	6.0
Rhode Island	205,202	8	25,650.3	3.9
South Carolina	1,105,655	25	44,226.2	2.3
South Dakota	217,606	5	43,521.2	2.3
Tennessee	1,506,219	117	12,873.7	7.8
Texas	7,398,009	255	29,011.8	3.4
Utah	932,462	17	54,850.7	1.8
Vermont	115,973	3	38,657.7	2.6
Virginia	1,869,737	57	32,802.4	3.0
Washington	1,663,283	69	24,105.6	4.1
West Virginia	364,160	6	60,693.3	1.6
Wisconsin	1,276,101	42	30,383.4	3.3
Wyoming	134,775	0	-	-
Total	73,398,119	2,708	27,104.2	3.7

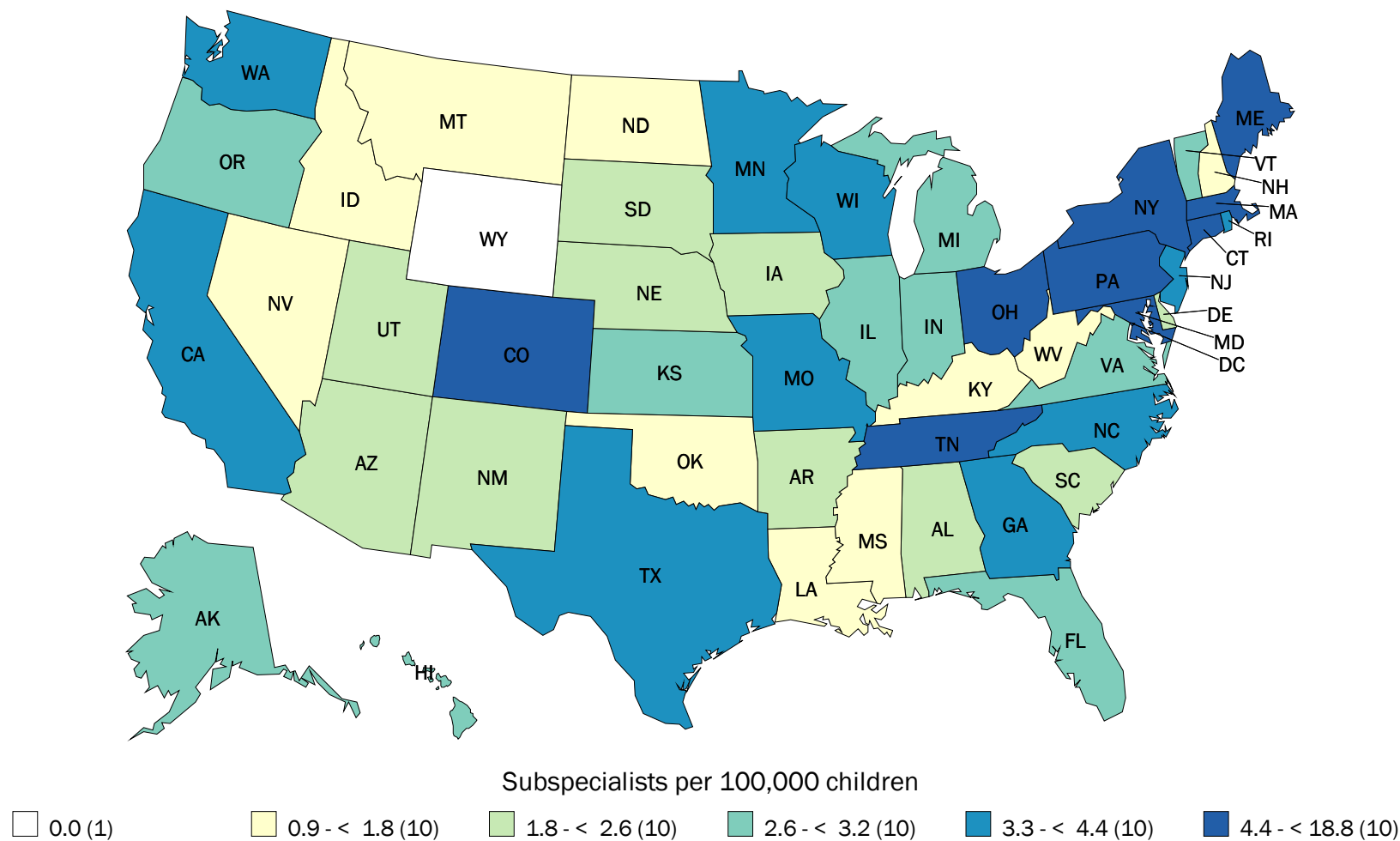
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Hematology-Oncology diplomates ever certified, age 70 and under (n=2,708), among all diplomates ever certified in Pediatric Hematology-Oncology (n=3,622). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Hematology-Oncology subspecialist diplomates ever certified, 914 (25.2%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (604, 16.7%), diplomates for whom birth year data is unavailable (85, 2.3%), diplomates whose address data are unavailable (110, 3.0%) and diplomates with an address outside of the 50 US states (115, 3.2%). While included in this table, approximately 12.7% of US-based Pediatric Hematology-Oncology diplomates age 70 and under have lapsed certificates. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.9.1. Distribution of US-Based Pediatric Hematology-Oncology Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Hematology-Oncology diplomates ever certified, age 70 and under (n=2,708), among all diplomates ever certified in Pediatric Hematology-Oncology (n=3,622). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Hematology-Oncology subspecialist diplomates ever certified, 914 (25.2%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (604, 16.7%), diplomates for whom birth year data is unavailable (85, 2.3%), diplomates whose address data are unavailable (110, 3.0%) and diplomates with an address outside of the 50 US states (115, 3.2%). While included in this map, approximately 12.7% of US-based Pediatric Hematology-Oncology diplomates age 70 and under have lapsed certificates, and 0.0% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.9.4 Yearly Count of Pediatric Hematology-Oncology Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender								Total fellows
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2004	Level 1	71	60.2	47	39.8	89	75.4	29	24.6	54	45.8	35	29.7	17	14.4	12	10.2	118
	Level 2	64	62.7	38	37.3	77	75.5	25	24.5	50	49.0	27	26.5	14	13.7	11	10.8	102
	Level 3	51	53.1	45	46.9	74	77.1	22	22.9	40	41.7	34	35.4	11	11.5	11	11.5	96
	Subtotal	186	58.9	130	41.1	240	75.9	76	24.1	144	45.6	96	30.4	42	13.3	34	10.8	316
2005	Level 1	70	58.8	49	41.2	93	78.2	26	21.8	53	44.5	40	33.6	17	14.3	9	7.6	119
	Level 2	65	59.6	44	40.4	84	77.1	25	22.9	49	45.0	35	32.1	16	14.7	9	8.3	109
	Level 3	62	62.6	37	37.4	76	76.8	23	23.2	49	49.5	27	27.3	13	13.1	10	10.1	99
	Subtotal	197	60.2	130	39.8	253	77.4	74	22.6	151	46.2	102	31.2	46	14.1	28	8.6	327
2006	Level 1	76	65.5	40	34.5	88	75.9	28	24.1	57	49.1	31	26.7	19	16.4	9	7.8	116
	Level 2	66	58.4	47	41.6	93	82.3	20	17.7	53	46.9	40	35.4	13	11.5	7	6.2	113
	Level 3	65	59.6	44	40.4	85	78.0	24	22.0	50	45.9	35	32.1	15	13.8	9	8.3	109
	Subtotal	207	61.2	131	38.8	266	78.7	72	21.3	160	47.3	106	31.4	47	13.9	25	7.4	338
2007	Level 1	76	57.1	57	42.9	98	73.7	35	26.3	61	45.9	37	27.8	15	11.3	20	15.0	133
	Level 2	75	65.8	39	34.2	86	75.4	28	24.6	56	49.1	30	26.3	19	16.7	9	7.9	114
	Level 3	63	57.3	47	42.7	91	82.7	19	17.3	51	46.4	40	36.4	12	10.9	7	6.4	110
	Subtotal	214	59.9	143	40.1	275	77.0	82	23.0	168	47.1	107	30.0	46	12.9	36	10.1	357
2008	Level 1	75	54.7	62	45.3	93	67.9	44	32.1	51	37.2	42	30.7	24	17.5	20	14.6	137
	Level 2	73	56.6	56	43.4	95	73.6	34	26.4	58	45.0	37	28.7	15	11.6	19	14.7	129
	Level 3	73	66.4	37	33.6	84	76.4	26	23.6	55	50.0	29	26.4	18	16.4	8	7.3	110
	Subtotal	221	58.8	155	41.2	272	72.3	104	27.7	164	43.6	108	28.7	57	15.2	47	12.5	376
2009	Level 1	90	63.8	51	36.2	97	68.8	44	31.2	61	43.3	36	25.5	29	20.6	15	10.6	141
	Level 2	70	54.7	58	45.3	85	66.4	43	33.6	47	36.7	38	29.7	23	18.0	20	15.6	128
	Level 3	75	57.7	55	42.3	96	73.8	34	26.2	59	45.4	37	28.5	16	12.3	18	13.8	130
	Subtotal	235	58.9	164	41.1	278	69.7	121	30.3	167	41.9	111	27.8	68	17.0	53	13.3	399
2010	Level 1	106	69.3	47	30.7	108	70.6	45	29.4	74	48.4	34	22.2	32	20.9	13	8.5	153
	Level 2	81	62.3	49	37.7	89	68.5	41	31.5	54	41.5	35	26.9	27	20.8	14	10.8	130
	Level 3	65	53.3	57	46.7	80	65.6	42	34.4	42	34.4	38	31.1	23	18.9	19	15.6	122
	Subtotal	252	62.2	153	37.8	277	68.4	128	31.6	170	42.0	107	26.4	82	20.2	46	11.4	405
2011	Level 1	95	63.3	55	36.7	106	70.7	44	29.3	68	45.3	38	25.3	27	18.0	17	11.3	150
	Level 2	100	69.9	43	30.1	104	72.7	39	27.3	72	50.3	32	22.4	28	19.6	11	7.7	143
	Level 3	81	62.8	48	37.2	88	68.2	41	31.8	54	41.9	34	26.4	27	20.9	14	10.9	129
	Subtotal	276	65.4	146	34.6	298	70.6	124	29.4	194	46.0	104	24.6	82	19.4	42	10.0	422
2012	Level 1	112	70.0	48	30.0	112	70.0	48	30.0	83	51.9	29	18.1	29	18.1	19	11.9	160
	Level 2	89	62.2	54	37.8	100	69.9	43	30.1	63	44.1	37	25.9	26	18.2	17	11.9	143
	Level 3	98	70.0	42	30.0	102	72.9	38	27.1	70	50.0	32	22.9	28	20.0	10	7.1	140
	Subtotal	299	67.5	144	32.5	314	70.9	129	29.1	216	48.8	98	22.1	83	18.7	46	10.4	443
2013	Level 1	104	63.4	60	36.6	125	76.2	39	23.8	78	47.6	47	28.7	26	15.9	13	7.9	164
	Level 2	111	71.6	44	28.4	107	69.0	48	31.0	81	52.3	26	16.8	30	19.4	18	11.6	155
	Level 3	88	62.0	54	38.0	98	69.0	44	31.0	61	43.0	37	26.1	27	19.0	17	12.0	142
	Subtotal	303	65.7	158	34.3	330	71.6	131	28.4	220	47.7	110	23.9	83	18.0	48	10.4	461
2014	Level 1	113	67.7	54	32.3	124	74.3	43	25.7	90	53.9	34	20.4	23	13.8	20	12.0	167
	Level 2	98	62.8	58	37.2	122	78.2	34	21.8	76	48.7	46	29.5	22	14.1	12	7.7	156
	Level 3	110	71.9	43	28.1	106	69.3	47	30.7	80	52.3	26	17.0	30	19.6	17	11.1	153
	Subtotal	321	67.4	155	32.6	352	73.9	124	26.1	246	51.7	106	22.3	75	15.8	49	10.3	476
2015	Level 1	124	72.9	46	27.1	130	76.5	40	23.5	97	57.1	33	19.4	27	15.9	13	7.6	170
	Level 2	107	67.7	51	32.3	117	74.1	41	25.9	85	53.8	32	20.3	22	13.9	19	12.0	158
	Level 3	95	62.1	58	37.9	120	78.4	33	21.6	75	49.0	45	29.4	20	13.1	13	8.5	153
	Subtotal	326	67.8	155	32.2	367	76.3	114	23.7	257	53.4	110	22.9	69	14.3	45	9.4	481
2016	Level 1	114	68.7	52	31.3	137	82.5	29	17.5	96	57.8	41	24.7	18	10.8	11	6.6	166
	Level 2	121	74.2	42	25.8	127	77.9	36	22.1	96	58.9	31	19.0	25	15.3	11	6.7	163
	Level 3	105	67.3	51	32.7	114	73.1	42	26.9	82	52.6	32	20.5	23	14.7	19	12.2	156
	Subtotal	340	70.1	145	29.9	378	77.9	107	22.1	274	56.5	104	21.4	66	13.6	41	8.5	485
2017	Level 1	117	68.0	55	32.0	140	81.4	32	18.6	90	52.3	50	29.1	27	15.7	5	2.9	172
	Level 2	115	69.3	51	30.7	137	82.5	29	17.5	97	58.4	40	24.1	18	10.8	11	6.6	166
	Level 3	122	74.8	41	25.2	130	79.8	33	20.2	99	60.7	31	19.0	23	14.1	10	6.1	163
	Subtotal	354	70.7	147	29.3	407	81.2	94	18.8	286	57.1	121	24.2	68	13.6	26	5.2	501
2018	Level 1	103	65.6	54	34.4	121	77.1	36	22.9	82	52.2	39	24.8	21	13.4	15	9.6	157
	Level 2	111	67.3	54	32.7	133	80.6	32	19.4	84	50.9	49	29.7	27	16.4	5	3.0	165
	Level 3	111	69.8	48	30.2	132	83.0	27	17.0	92	57.9	40	25.2	19	11.9	8	5.0	159
	Subtotal	325	67.6	156	32.4	386	80.2	95	19.8	258	53.6	128	26.6	67	13.9	28	5.8	481
2019	Level 1	132	78.6	36	21.4	127	75.6	41	24.4	101	60.1	26	15.5	31	18.5	10	6.0	168
	Level 2	100	66.7	50	33.3	117	78.0	33	22.0	82	54.7	35	23.3	18	12.0	15	10.0	150
	Level 3	108	66.7	54	33.3	132	81.5	30	18.5	83	51.2	49	30.2	25	15.4	5	3.1	162
	Subtotal	340	70.8	140	29.2	376	78.3	104	21.7	266	55.4	110	22.9	74	15.4	30	6.3	480

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Pediatric Hematology-Oncology programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.9.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Hematology-Oncology Programs Since 2004 by Gender

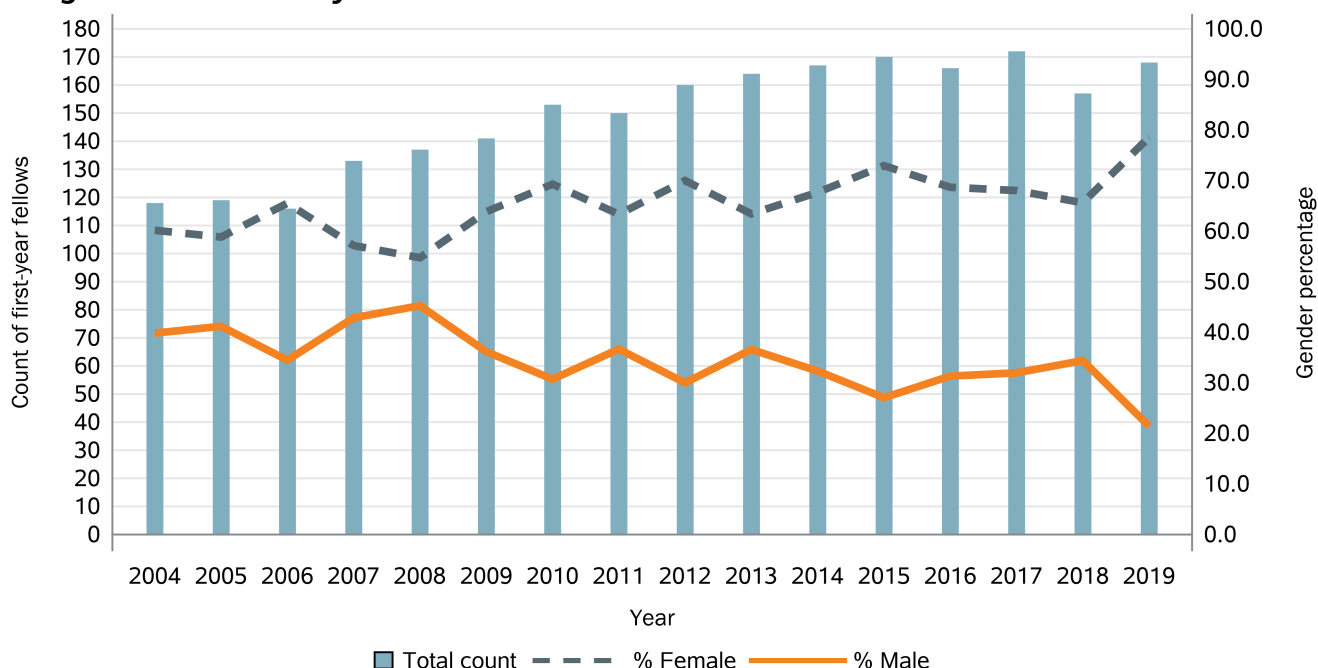
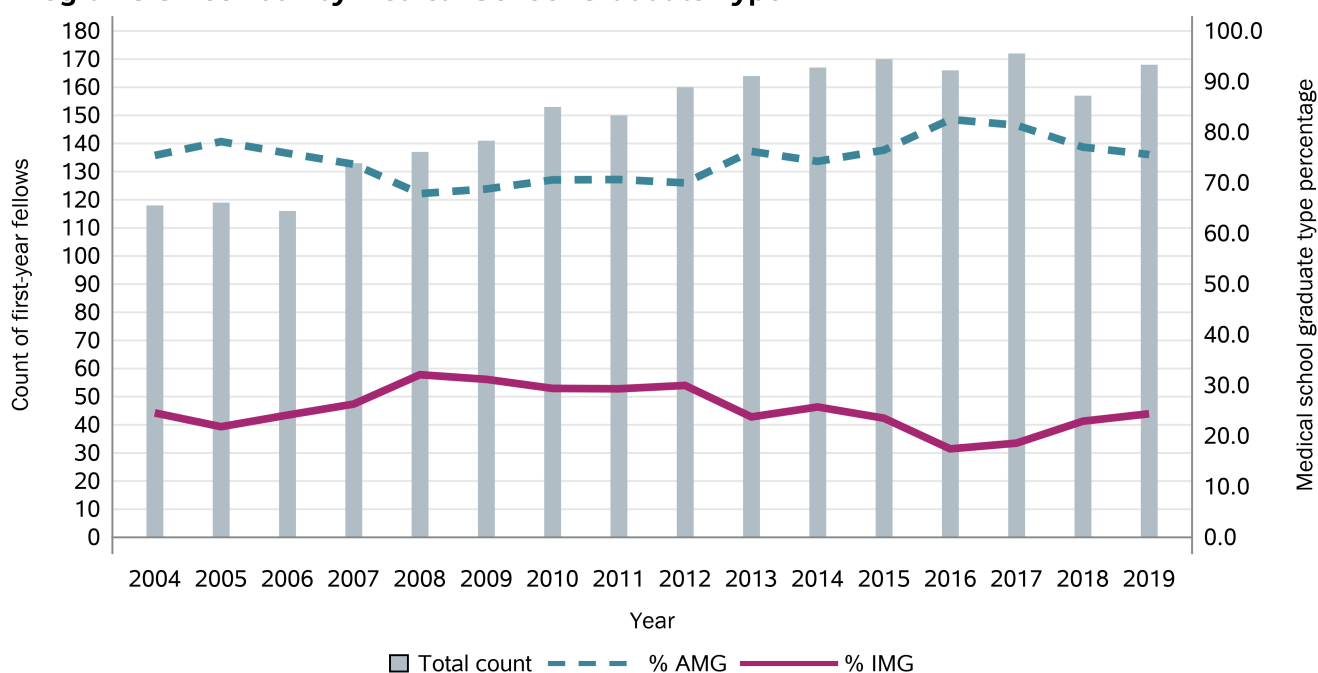


Figure 4.9.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Hematology-Oncology Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.9.4.

4.10. Pediatric Hospital Medicine

Subsection Contents

Overall Pediatric Hospital Medicine Diplomate Information

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Table 4.10.1. All Pediatric Hospital Medicine Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=1,267)		Lapsed (n=0)		Revoked (n=0)		Total (n=1,267)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	560	44.2	0	0.0	0	0.0	560	44.2
41 to 50	0	0.0	528	41.7	0	0.0	0	0.0	528	41.7
51 to 60	0	0.0	149	11.8	0	0.0	0	0.0	149	11.8
61 to 70	0	0.0	28	2.2	0	0.0	0	0.0	28	2.2
71 to 80	0	0.0	2	0.2	0	0.0	0	0.0	2	0.2
81 to 90	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
> 90	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
No birth year available	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gender										
Female	0	0.0	906	71.5	0	0.0	0	0.0	906	71.5
Male	0	0.0	361	28.5	0	0.0	0	0.0	361	28.5
Medical school graduate type										
AMG	0	0.0	1,098	86.7	0	0.0	0	0.0	1,098	86.7
IMG	0	0.0	169	13.3	0	0.0	0	0.0	169	13.3

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Hospital Medicine since certification was first awarded in 2019 (n=1,267).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.10.2. All Pediatric Hospital Medicine Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=1,265)		Lapsed (n=0)		Revoked (n=0)		Total (n=1,265)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	560	44.3	0	0.0	0	0.0	560	44.3
41 to 50	0	0.0	528	41.7	0	0.0	0	0.0	528	41.7
51 to 60	0	0.0	149	11.8	0	0.0	0	0.0	149	11.8
61 to 70	0	0.0	28	2.2	0	0.0	0	0.0	28	2.2
Gender										
Female	0	0.0	904	71.5	0	0.0	0	0.0	904	71.5
Male	0	0.0	361	28.5	0	0.0	0	0.0	361	28.5
Medical school graduate type										
AMG	0	0.0	1,098	86.8	0	0.0	0	0.0	1,098	86.8
IMG	0	0.0	167	13.2	0	0.0	0	0.0	167	13.2

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Hospital Medicine since certification was first awarded in 2019 (n=1,265).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.10.3. US-Based Pediatric Hospital Medicine Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	7	155,688.6	0.6
Alaska	183,816	4	45,954.0	2.2
Arizona	1,642,647	34	48,313.1	2.1
Arkansas	703,180	4	175,795.0	0.6
California	8,989,764	192	46,821.7	2.1
Colorado	1,265,232	14	90,373.7	1.1
Connecticut	735,193	19	38,694.4	2.6
Delaware	203,616	10	20,361.6	4.9
District of Columbia	127,494	9	14,166.0	7.1
Florida	4,229,071	61	69,329.0	1.4
Georgia	2,505,531	21	119,311.0	0.8
Hawaii	303,413	10	30,341.3	3.3
Idaho	446,972	8	55,871.5	1.8
Illinois	2,857,131	64	44,642.7	2.2
Indiana	1,568,130	21	74,672.9	1.3
Iowa	730,767	7	104,395.3	1.0
Kansas	705,961	20	35,298.1	2.8
Kentucky	1,008,829	6	168,138.2	0.6
Louisiana	1,095,916	14	78,279.7	1.3
Maine	250,404	12	20,867.0	4.8
Maryland	1,340,148	26	51,544.2	1.9
Massachusetts	1,366,857	45	30,374.6	3.3
Michigan	2,164,668	31	69,828.0	1.4
Minnesota	1,302,615	17	76,624.4	1.3
Mississippi	706,138	4	176,534.5	0.6
Missouri	1,376,751	25	55,070.0	1.8
Montana	229,434	2	114,717.0	0.9
Nebraska	476,841	5	95,368.2	1.0
Nevada	688,997	2	344,498.5	0.3
New Hampshire	258,170	4	64,542.5	1.5
New Jersey	1,953,631	36	54,267.5	1.8
New Mexico	482,153	4	120,538.3	0.8
New York	4,068,092	71	57,297.1	1.7
North Carolina	2,300,622	38	60,542.7	1.7
North Dakota	178,697	6	29,782.8	3.4
Ohio	2,593,325	72	36,018.4	2.8
Oklahoma	956,433	16	59,777.1	1.7
Oregon	873,567	14	62,397.6	1.6
Pennsylvania	2,648,911	79	33,530.5	3.0
Rhode Island	205,202	1	205,202.0	0.5
South Carolina	1,105,655	12	92,137.9	1.1
South Dakota	217,606	3	72,535.3	1.4
Tennessee	1,506,219	20	75,311.0	1.3
Texas	7,398,009	86	86,023.4	1.2
Utah	932,462	2	466,231.0	0.2
Vermont	115,973	3	38,657.7	2.6
Virginia	1,869,737	35	53,421.1	1.9
Washington	1,663,283	33	50,402.5	2.0
West Virginia	364,160	8	45,520.0	2.2
Wisconsin	1,276,101	23	55,482.7	1.8
Wyoming	134,775	0	-	-
Total	73,398,119	1,260	58,252.5	1.7

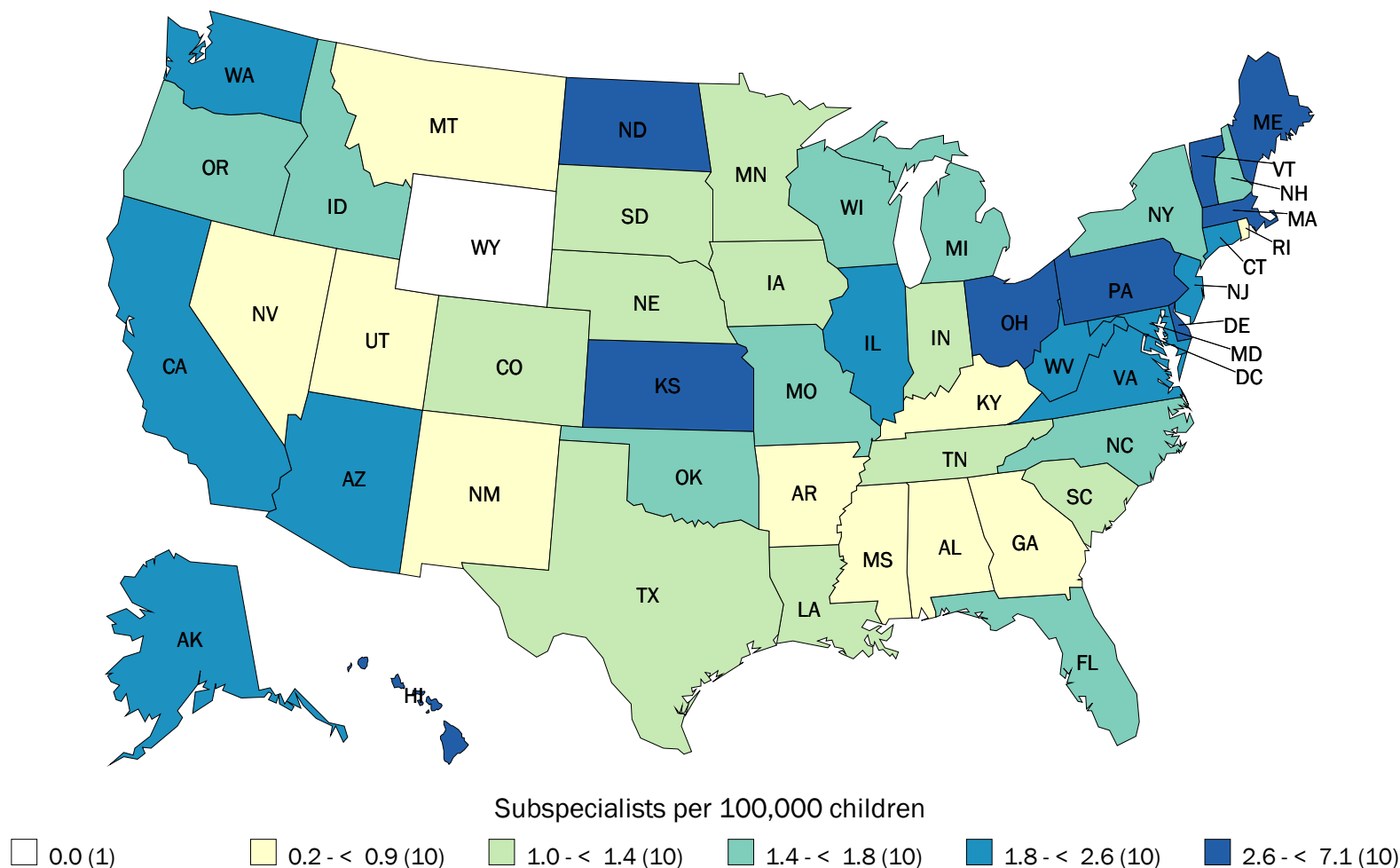
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Hospital Medicine diplomates ever certified, age 70 and under (n=1,260), among all diplomates ever certified in Pediatric Hospital Medicine (n=1,267). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Hospital Medicine subspecialist diplomates ever certified, 7 (0.6%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (2, 0.2%), and diplomates with an address outside of the 50 US states (5, 0.4%). When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.10.1. Distribution of US-Based Pediatric Hospital Medicine Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Hospital Medicine diplomates ever certified, age 70 and under (n=1,260), among all diplomates ever certified in Pediatric Hospital Medicine (n=1,267). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Hospital Medicine subspecialist diplomates ever certified, 7 (0.6%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (2, 0.2%), and diplomates with an address outside of the 50 US states (5, 0.4%). State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

4.11. Pediatric Infectious Diseases

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Table 4.11.1. All Pediatric Infectious Diseases Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=1,344)		Lapsed (n=409)		Revoked (n=0)		Total (n=1,753)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	251	18.7	4	1.0	0	0.0	255	14.5
41 to 50	0	0.0	461	34.3	26	6.4	0	0.0	487	27.8
51 to 60	0	0.0	315	23.4	84	20.5	0	0.0	399	22.8
61 to 70	0	0.0	250	18.6	133	32.5	0	0.0	383	21.8
71 to 80	0	0.0	63	4.7	133	32.5	0	0.0	196	11.2
81 to 90	0	0.0	4	0.3	27	6.6	0	0.0	31	1.8
> 90	0	0.0	0	0.0	1	0.2	0	0.0	1	0.1
No birth year available	0	0.0	0	0.0	1	0.2	0	0.0	1	0.1
Gender										
Female	0	0.0	764	56.8	141	34.5	0	0.0	905	51.6
Male	0	0.0	580	43.2	268	65.5	0	0.0	848	48.4
Medical school graduate type										
AMG	0	0.0	998	74.3	301	73.6	0	0.0	1,299	74.1
IMG	0	0.0	346	25.7	108	26.4	0	0.0	454	25.9

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Infectious Diseases since certification was first awarded in 1994 (n=1,753).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 0.1% of Pediatric Infectious Diseases diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.11.2. All Pediatric Infectious Diseases Subspecialists Ever Certified, Age 70 and Under: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=1,277)		Lapsed (n=247)		Revoked (n=0)		Total (n=1,524)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	251	19.7	4	1.6	0	0.0	255	16.7
41 to 50	0	0.0	461	36.1	26	10.5	0	0.0	487	32.0
51 to 60	0	0.0	315	24.7	84	34.0	0	0.0	399	26.2
61 to 70	0	0.0	250	19.6	133	53.8	0	0.0	383	25.1
Gender										
Female	0	0.0	742	58.1	105	42.5	0	0.0	847	55.6
Male	0	0.0	535	41.9	142	57.5	0	0.0	677	44.4
Medical school graduate type										
AMG	0	0.0	942	73.8	169	68.4	0	0.0	1,111	72.9
IMG	0	0.0	335	26.2	78	31.6	0	0.0	413	27.1

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Infectious Diseases since certification was first awarded in 1994 (n=1,524).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 0.1% of Pediatric Infectious Diseases diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.11.3. US-Based Pediatric Infectious Diseases Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	15	72,654.7	1.4
Alaska	183,816	0	-	-
Arizona	1,642,647	15	109,509.8	0.9
Arkansas	703,180	9	78,131.1	1.3
California	8,989,764	170	52,881.0	1.9
Colorado	1,265,232	30	42,174.4	2.4
Connecticut	735,193	17	43,246.6	2.3
Delaware	203,616	3	67,872.0	1.5
District of Columbia	127,494	17	7,499.6	13.3
Florida	4,229,071	72	58,737.1	1.7
Georgia	2,505,531	55	45,555.1	2.2
Hawaii	303,413	7	43,344.7	2.3
Idaho	446,972	2	223,486.0	0.4
Illinois	2,857,131	47	60,790.0	1.6
Indiana	1,568,130	12	130,677.5	0.8
Iowa	730,767	7	104,395.3	1.0
Kansas	705,961	8	88,245.1	1.1
Kentucky	1,008,829	10	100,882.9	1.0
Louisiana	1,095,916	19	57,679.8	1.7
Maine	250,404	5	50,080.8	2.0
Maryland	1,340,148	73	18,358.2	5.4
Massachusetts	1,366,857	64	21,357.1	4.7
Michigan	2,164,668	26	83,256.5	1.2
Minnesota	1,302,615	23	56,635.4	1.8
Mississippi	706,138	4	176,534.5	0.6
Missouri	1,376,751	28	49,169.7	2.0
Montana	229,434	0	-	-
Nebraska	476,841	10	47,684.1	2.1
Nevada	688,997	5	137,799.4	0.7
New Hampshire	258,170	2	129,085.0	0.8
New Jersey	1,953,631	44	44,400.7	2.3
New Mexico	482,153	6	80,358.8	1.2
New York	4,068,092	120	33,900.8	2.9
North Carolina	2,300,622	52	44,242.7	2.3
North Dakota	178,697	3	59,565.7	1.7
Ohio	2,593,325	64	40,520.7	2.5
Oklahoma	956,433	4	239,108.3	0.4
Oregon	873,567	15	58,237.8	1.7
Pennsylvania	2,648,911	69	38,390.0	2.6
Rhode Island	205,202	6	34,200.3	2.9
South Carolina	1,105,655	16	69,103.4	1.4
South Dakota	217,606	4	54,401.5	1.8
Tennessee	1,506,219	45	33,471.5	3.0
Texas	7,398,009	106	69,792.5	1.4
Utah	932,462	12	77,705.2	1.3
Vermont	115,973	4	28,993.3	3.4
Virginia	1,869,737	41	45,603.3	2.2
Washington	1,663,283	35	47,522.4	2.1
West Virginia	364,160	6	60,693.3	1.6
Wisconsin	1,276,101	11	116,009.2	0.9
Wyoming	134,775	0	-	-
Total	73,398,119	1,418	51,761.7	1.9

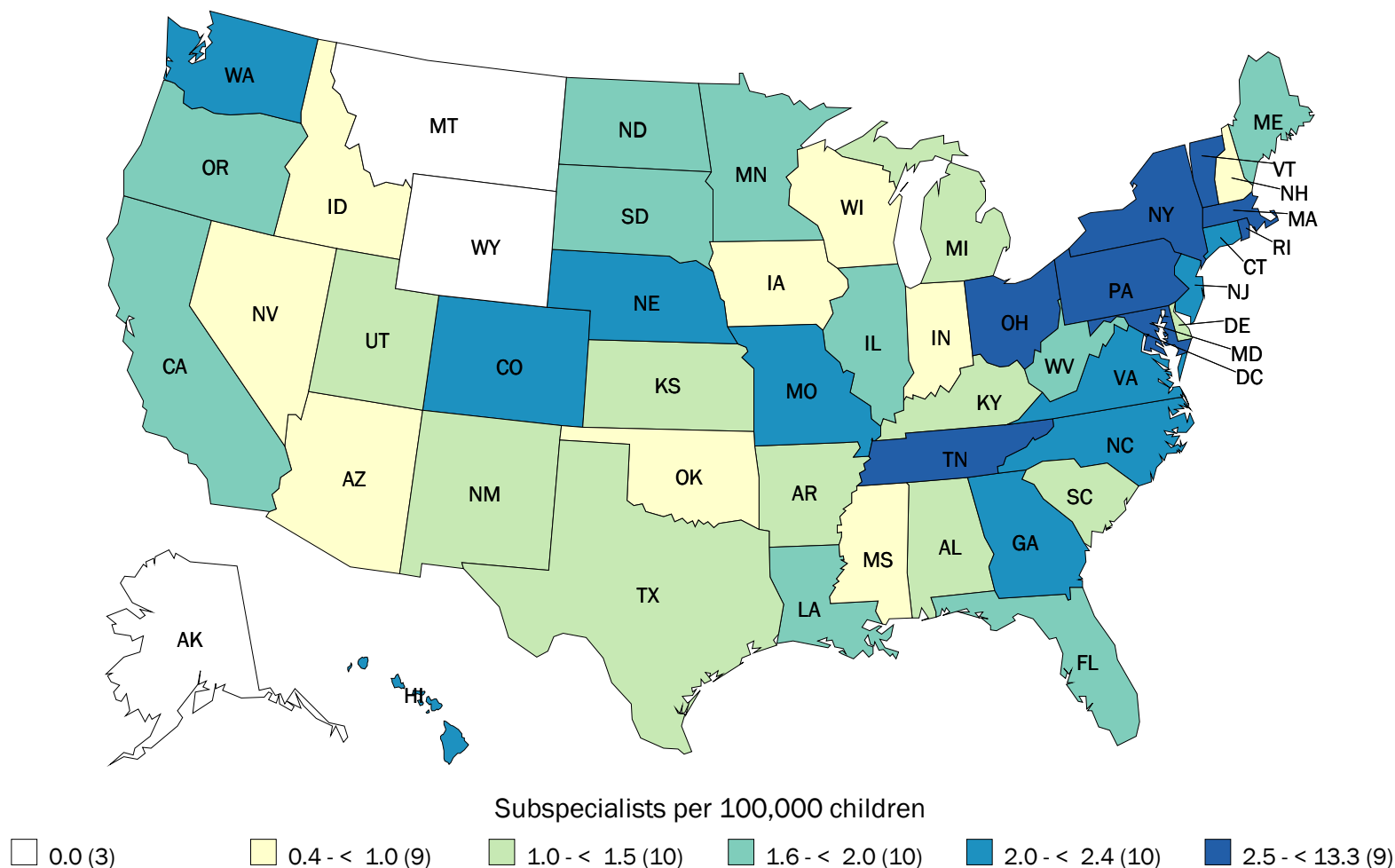
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Infectious Diseases diplomates ever certified, age 70 and under (n=1,418), among all diplomates ever certified in Pediatric Infectious Diseases (n=1,753). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Infectious Diseases subspecialist diplomates ever certified, 335 (19.1%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (228, 13.0%), diplomates for whom birth year data is unavailable (1, 0.1%), diplomates whose address data are unavailable (43, 2.5%) and diplomates with an address outside of the 50 US states (63, 3.6%). While included in this table, approximately 16.2% of US-based Pediatric Infectious Diseases diplomates age 70 and under have lapsed certificates. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.11.1. Distribution of US-Based Pediatric Infectious Diseases Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Infectious Diseases diplomates ever certified, age 70 and under (n=1,418), among all diplomates ever certified in Pediatric Infectious Diseases (n=1,753). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Infectious Diseases subspecialist diplomates ever certified, 335 (19.1%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (228, 13.0%), diplomates for whom birth year data is unavailable (1, 0.1%), diplomates whose address data are unavailable (43, 2.5%) and diplomates with an address outside of the 50 US states (63, 3.6%). While included in this map, approximately 16.2% of US-based Pediatric Infectious Diseases diplomates age 70 and under have lapsed certificates. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.11.4 Yearly Count of Pediatric Infectious Diseases Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender								Total fellows	
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male		n	%
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%		
2004	Level 1	35	62.5	21	37.5	40	71.4	16	28.6	24	42.9	16	28.6	11	19.6	5	8.9	56	
	Level 2	29	60.4	19	39.6	29	60.4	19	39.6	16	33.3	13	27.1	13	27.1	6	12.5	48	
	Level 3	27	55.1	22	44.9	26	53.1	23	46.9	16	32.7	10	20.4	11	22.4	12	24.5	49	
	Subtotal	91	59.5	62	40.5	95	62.1	58	37.9	56	36.6	39	25.5	35	22.9	23	15.0	153	
2005	Level 1	31	58.5	22	41.5	38	71.7	15	28.3	22	41.5	16	30.2	9	17.0	6	11.3	53	
	Level 2	30	58.8	21	41.2	36	70.6	15	29.4	20	39.2	16	31.4	10	19.6	5	9.8	51	
	Level 3	30	61.2	19	38.8	30	61.2	19	38.8	18	36.7	12	24.5	12	24.5	7	14.3	49	
	Subtotal	91	59.5	62	40.5	104	68.0	49	32.0	60	39.2	44	28.8	31	20.3	18	11.8	153	
2006	Level 1	30	53.6	26	46.4	35	62.5	21	37.5	17	30.4	18	32.1	13	23.2	8	14.3	56	
	Level 2	30	56.6	23	43.4	37	69.8	16	30.2	21	39.6	16	30.2	9	17.0	7	13.2	53	
	Level 3	31	62.0	19	38.0	37	74.0	13	26.0	22	44.0	15	30.0	9	18.0	4	8.0	50	
	Subtotal	91	57.2	68	42.8	109	68.6	50	31.4	60	37.7	49	30.8	31	19.5	19	11.9	159	
2007	Level 1	36	63.2	21	36.8	33	57.9	24	42.1	15	26.3	18	31.6	21	36.8	3	5.3	57	
	Level 2	28	53.8	24	46.2	34	65.4	18	34.6	18	34.6	16	30.8	10	19.2	8	15.4	52	
	Level 3	28	57.1	21	42.9	36	73.5	13	26.5	21	42.9	15	30.6	7	14.3	6	12.2	49	
	Subtotal	92	58.2	66	41.8	103	65.2	55	34.8	54	34.2	49	31.0	38	24.1	17	10.8	158	
2008	Level 1	45	72.6	17	27.4	48	77.4	14	22.6	36	58.1	12	19.4	9	14.5	5	8.1	62	
	Level 2	34	63.0	20	37.0	30	55.6	24	44.4	13	24.1	17	31.5	21	38.9	3	5.6	54	
	Level 3	26	53.1	23	46.9	31	63.3	18	36.7	15	30.6	16	32.7	11	22.4	7	14.3	49	
	Subtotal	105	63.6	60	36.4	109	66.1	56	33.9	64	38.8	45	27.3	41	24.8	15	9.1	165	
2009	Level 1	42	71.2	17	28.8	46	78.0	13	22.0	33	55.9	13	22.0	9	15.3	4	6.8	59	
	Level 2	43	71.7	17	28.3	46	76.7	14	23.3	34	56.7	12	20.0	9	15.0	5	8.3	60	
	Level 3	32	65.3	17	34.7	27	55.1	22	44.9	13	26.5	14	28.6	19	38.8	3	6.1	49	
	Subtotal	117	69.6	51	30.4	119	70.8	49	29.2	80	47.6	39	23.2	37	22.0	12	7.1	168	
2010	Level 1	37	62.7	22	37.3	43	72.9	16	27.1	25	42.4	18	30.5	12	20.3	4	6.8	59	
	Level 2	40	69.0	18	31.0	45	77.6	13	22.4	31	53.4	14	24.1	9	15.5	4	6.9	58	
	Level 3	44	72.1	17	27.9	45	73.8	16	26.2	33	54.1	12	19.7	11	18.0	5	8.2	61	
	Subtotal	121	68.0	57	32.0	133	74.7	45	25.3	89	50.0	44	24.7	32	18.0	13	7.3	178	
2011	Level 1	40	67.8	19	32.2	40	67.8	19	32.2	28	47.5	12	20.3	12	20.3	7	11.9	59	
	Level 2	36	63.2	21	36.8	41	71.9	16	28.1	24	42.1	17	29.8	12	21.1	4	7.0	57	
	Level 3	38	69.1	17	30.9	42	76.4	13	23.6	29	52.7	13	23.6	9	16.4	4	7.3	55	
	Subtotal	114	66.7	57	33.3	123	71.9	48	28.1	81	47.4	42	24.6	33	19.3	15	8.8	171	
2012	Level 1	45	75.0	15	25.0	41	68.3	19	31.7	32	53.3	9	15.0	13	21.7	6	10.0	60	
	Level 2	37	64.9	20	35.1	38	66.7	19	33.3	25	43.9	13	22.8	12	21.1	7	12.3	57	
	Level 3	36	64.3	20	35.7	41	73.2	15	26.8	25	44.6	16	28.6	11	19.6	4	7.1	56	
	Subtotal	118	68.2	55	31.8	120	69.4	53	30.6	82	47.4	38	22.0	36	20.8	17	9.8	173	
2013	Level 1	40	70.2	17	29.8	39	68.4	18	31.6	27	47.4	12	21.1	13	22.8	5	8.8	57	
	Level 2	45	77.6	13	22.4	41	70.7	17	29.3	32	55.2	9	15.5	13	22.4	4	6.9	58	
	Level 3	38	63.3	22	36.7	38	63.3	22	36.7	24	40.0	14	23.3	14	23.3	8	13.3	60	
	Subtotal	123	70.3	52	29.7	118	67.4	57	32.6	83	47.4	35	20.0	40	22.9	17	9.7	175	
2014	Level 1	44	66.7	22	33.3	44	66.7	22	33.3	31	47.0	13	19.7	13	19.7	9	13.6	66	
	Level 2	36	69.2	16	30.8	38	73.1	14	26.9	26	50.0	12	23.1	10	19.2	4	7.7	52	
	Level 3	43	76.8	13	23.2	39	69.6	17	30.4	30	53.6	9	16.1	13	23.2	4	7.1	56	
	Subtotal	123	70.7	51	29.3	121	69.5	53	30.5	87	50.0	34	19.5	36	20.7	17	9.8	174	
2015	Level 1	29	64.4	16	35.6	28	62.2	17	37.8	17	37.8	11	24.4	12	26.7	5	11.1	45	
	Level 2	43	66.2	22	33.8	42	64.6	23	35.4	30	46.2	12	18.5	13	20.0	10	15.4	65	
	Level 3	35	70.0	15	30.0	38	76.0	12	24.0	26	52.0	12	24.0	9	18.0	3	6.0	50	
	Subtotal	107	66.9	53	33.1	108	67.5	52	32.5	73	45.6	35	21.9	34	21.3	18	11.3	160	
2016	Level 1	41	70.7	17	29.3	38	65.5	20	34.5	24	41.4	14	24.1	17	29.3	3	5.2	58	
	Level 2	30	66.7	15	33.3	27	60.0	18	40.0	17	37.8	10	22.2	13	28.9	5	11.1	45	
	Level 3	41	66.1	21	33.9	40	64.5	22	35.5	28	45.2	12	19.4	13	21.0	9	14.5	62	
	Subtotal	112	67.9	53	32.1	105	63.6	60	36.4	69	41.8	36	21.8	43	26.1	17	10.3	165	
2017	Level 1	29	48.3	31	51.7	39	65.0	21	35.0	19	31.7	20	33.3	10	16.7	11	18.3	60	
	Level 2	39	69.6	17	30.4	37	66.1	19	33.9	23	41.1	14	25.0	16	28.6	3	5.4	56	
	Level 3	28	68.3	13	31.7	25	61.0	16	39.0	16	39.0	9	22.0	12	29.3	4	9.8	41	
	Subtotal	96	61.1	61	38.9	101	64.3	56	35.7	58	36.9	43	27.4	38	24.2	18	11.5	157	
2018	Level 1	38	63.3	22	36.7	40	66.7	20	33.3	26	43.3	14	23.3	12	20.0	8	13.3	60	
	Level 2	29	50.0	29	50.0	39	67.2	19	32.8	19	32.8	20	34.5	10	17.2	9	15.5	58	
	Level 3	37	69.8	16	30.2	35	66.0	18	34.0	22	41.5	13	24.5	15	28.3	3	5.7	53	
	Subtotal	104	60.8	67	39.2	114	66.7	57	33.3	67	39.2	47	27.5	37	21.6	20	11.7	171	
2019	Level 1	37	71.2	15	28.8	37	71.2	15	28.8	29	55.8	8	15.4	8	15.4	7	13.5	52	
	Level 2	37	66.1	19	33.9	40	71.4	16	28.6	26	46.4	14	25.0	11	19.6	5	8.9	56	
	Level 3	28	50.0	28	50.0	39	69.6	17	30.4	19	33.9	20	35.7	9	16.1	8	14.3	56	
	Subtotal	102	62.2	62	37.8	116	70.7	48	29.3	74	45.1	42	25.6	28	17.1	20	12.2	164	

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Pediatric Infectious Diseases programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.11.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Infectious Diseases Programs Since 2004 by Gender

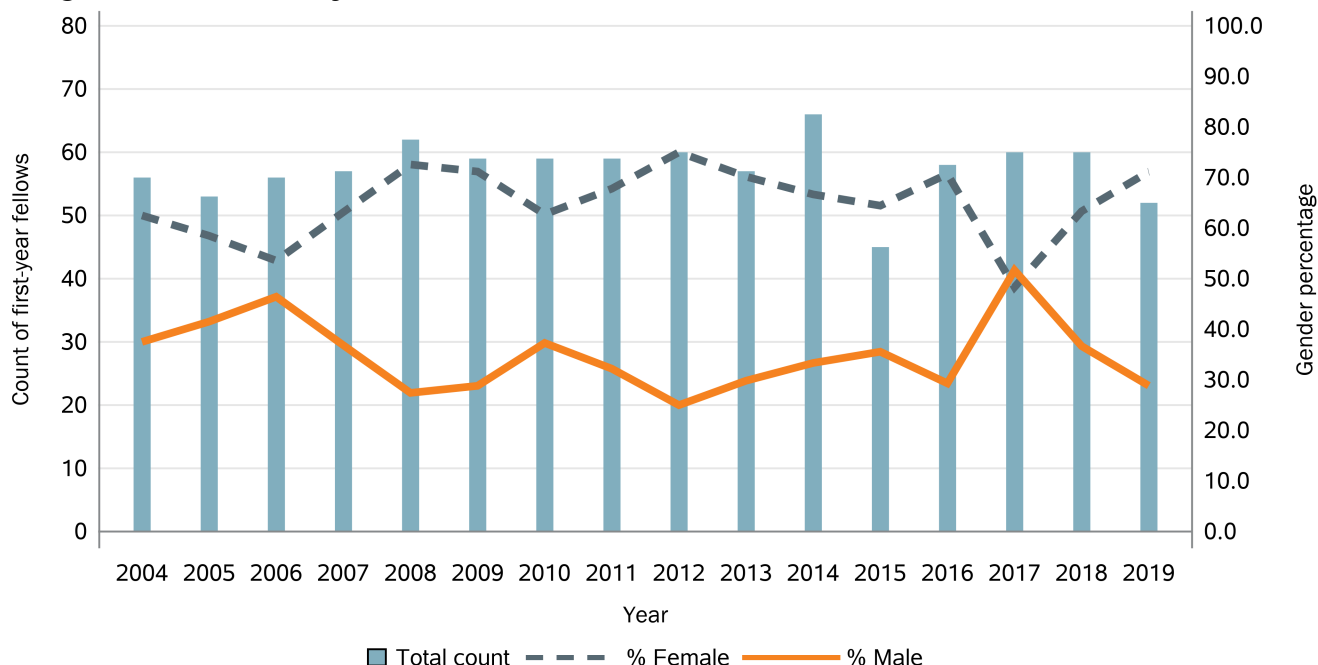
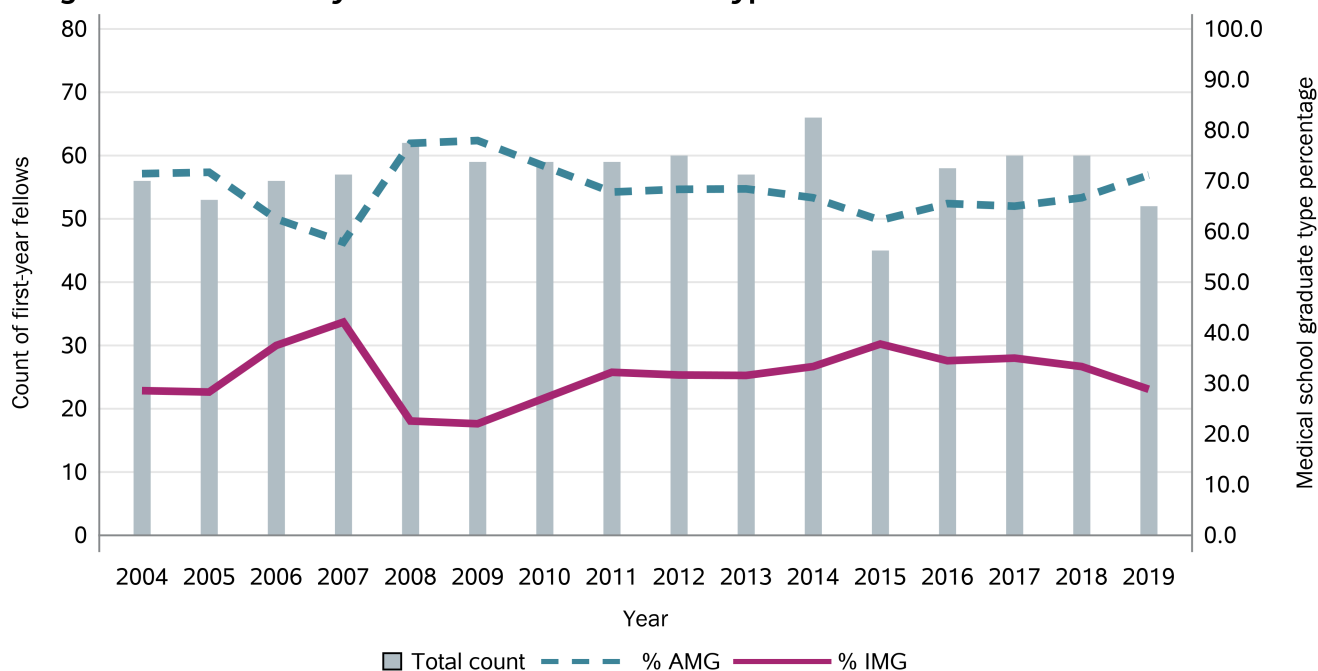


Figure 4.11.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Infectious Diseases Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.11.4.

4.12. Neonatal-Perinatal Medicine

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Neonatal-Perinatal Medicine Fellowship Tracking Information

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Table 4.12.1. All Neonatal-Perinatal Medicine Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=1,909)		Time-limited/ no end date (n=4,435)		Lapsed (n=516)		Revoked (n=20)		Total (n=6,880)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	758	17.1	3	0.6	0	0.0	761	11.1
41 to 50	0	0.0	1,547	34.9	20	3.9	1	5.0	1,568	22.8
51 to 60	0	0.0	1,229	27.7	112	21.7	2	10.0	1,343	19.5
61 to 70	626	32.8	843	19.0	285	55.2	7	35.0	1,761	25.6
71 to 80	987	51.7	58	1.3	88	17.1	8	40.0	1,141	16.6
81 to 90	210	11.0	0	0.0	7	1.4	2	10.0	219	3.2
> 90	25	1.3	0	0.0	1	0.2	0	0.0	26	0.4
No birth year available	61	3.2	0	0.0	0	0.0	0	0.0	61	0.9
Gender										
Female	586	30.7	2,406	54.3	250	48.4	3	15.0	3,245	47.2
Male	1,323	69.3	2,029	45.7	266	51.6	17	85.0	3,635	52.8
Medical school graduate type										
AMG	1,211	63.4	2,660	60.0	252	48.8	11	55.0	4,134	60.1
IMG	698	36.6	1,775	40.0	264	51.2	9	45.0	2,746	39.9

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Neonatal-Perinatal Medicine since certification was first awarded in 1975 (n=6,880).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 0.9% of Neonatal-Perinatal Medicine diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.12.2. All Neonatal-Perinatal Medicine Subspecialists Ever Certified, Age 70 and Under: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=626)		Time-limited/ no end date (n=4,377)		Lapsed (n=420)		Revoked (n=10)		Total (n=5,433)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	758	17.3	3	0.7	0	0.0	761	14.0
41 to 50	0	0.0	1,547	35.3	20	4.8	1	10.0	1,568	28.9
51 to 60	0	0.0	1,229	28.1	112	26.7	2	20.0	1,343	24.7
61 to 70	626	100.0	843	19.3	285	67.9	7	70.0	1,761	32.4
Gender										
Female	238	38.0	2,382	54.4	210	50.0	2	20.0	2,832	52.1
Male	388	62.0	1,995	45.6	210	50.0	8	80.0	2,601	47.9
Medical school graduate type										
AMG	498	79.6	2,646	60.5	227	54.0	7	70.0	3,378	62.2
IMG	128	20.4	1,731	39.5	193	46.0	3	30.0	2,055	37.8

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Neonatal-Perinatal Medicine since certification was first awarded in 1975 (n=5,433).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 0.9% of Neonatal-Perinatal Medicine diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.12.3. US-Based Neonatal-Perinatal Medicine Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	41	26,581.0	3.8
Alaska	183,816	10	18,381.6	5.4
Arizona	1,642,647	67	24,517.1	4.1
Arkansas	703,180	35	20,090.9	5.0
California	8,989,764	623	14,429.8	6.9
Colorado	1,265,232	79	16,015.6	6.2
Connecticut	735,193	72	10,211.0	9.8
Delaware	203,616	23	8,852.9	11.3
District of Columbia	127,494	19	6,710.2	14.9
Florida	4,229,071	327	12,932.9	7.7
Georgia	2,505,531	127	19,728.6	5.1
Hawaii	303,413	24	12,642.2	7.9
Idaho	446,972	22	20,316.9	4.9
Illinois	2,857,131	267	10,700.9	9.3
Indiana	1,568,130	108	14,519.7	6.9
Iowa	730,767	39	18,737.6	5.3
Kansas	705,961	49	14,407.4	6.9
Kentucky	1,008,829	61	16,538.2	6.0
Louisiana	1,095,916	57	19,226.6	5.2
Maine	250,404	16	15,650.3	6.4
Maryland	1,340,148	137	9,782.1	10.2
Massachusetts	1,366,857	149	9,173.5	10.9
Michigan	2,164,668	115	18,823.2	5.3
Minnesota	1,302,615	74	17,602.9	5.7
Mississippi	706,138	38	18,582.6	5.4
Missouri	1,376,751	99	13,906.6	7.2
Montana	229,434	19	12,075.5	8.3
Nebraska	476,841	25	19,073.6	5.2
Nevada	688,997	45	15,311.0	6.5
New Hampshire	258,170	14	18,440.7	5.4
New Jersey	1,953,631	197	9,916.9	10.1
New Mexico	482,153	29	16,626.0	6.0
New York	4,068,092	332	12,253.3	8.2
North Carolina	2,300,622	151	15,235.9	6.6
North Dakota	178,697	7	25,528.1	3.9
Ohio	2,593,325	193	13,436.9	7.4
Oklahoma	956,433	37	25,849.5	3.9
Oregon	873,567	53	16,482.4	6.1
Pennsylvania	2,648,911	271	9,774.6	10.2
Rhode Island	205,202	11	18,654.7	5.4
South Carolina	1,105,655	60	18,427.6	5.4
South Dakota	217,606	12	18,133.8	5.5
Tennessee	1,506,219	105	14,344.9	7.0
Texas	7,398,009	478	15,477.0	6.5
Utah	932,462	57	16,359.0	6.1
Vermont	115,973	7	16,567.6	6.0
Virginia	1,869,737	163	11,470.8	8.7
Washington	1,663,283	92	18,079.2	5.5
West Virginia	364,160	11	33,105.5	3.0
Wisconsin	1,276,101	90	14,178.9	7.1
Wyoming	134,775	1	134,775.0	0.7
Total	73,398,119	5,138	14,285.3	7.0

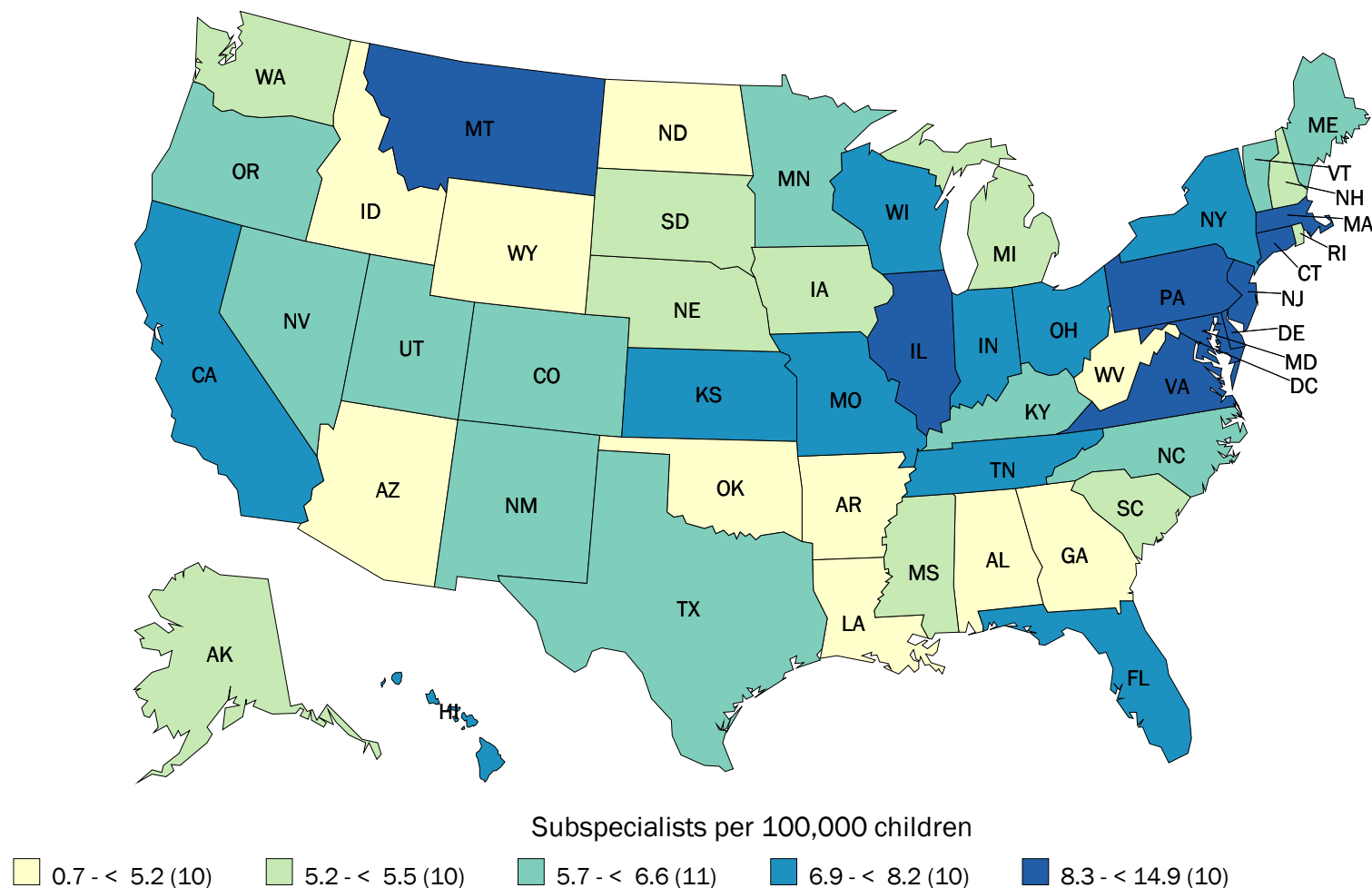
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Neonatal-Perinatal Medicine diplomates ever certified, age 70 and under (n=5,138), among all diplomates ever certified in Neonatal-Perinatal Medicine (n=6,880). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Neonatal-Perinatal Medicine subspecialist diplomates ever certified, 1,742 (25.3%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (1,386, 20.1%), diplomates for whom birth year data is unavailable (61, 0.9%), diplomates whose address data are unavailable (160, 2.3%) and diplomates with an address outside of the 50 US states (135, 2.0%). While included in this table, approximately 7.7% of US-based Neonatal-Perinatal Medicine diplomates age 70 and under have lapsed certificates, and 0.2% have had their certifications revoked. When '1' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.12.1. Distribution of US-Based Neonatal-Perinatal Medicine Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Neonatal-Perinatal Medicine diplomates ever certified, age 70 and under (n=5,138), among all diplomates ever certified in Neonatal-Perinatal Medicine (n=6,880). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Neonatal-Perinatal Medicine subspecialist diplomates ever certified, 1,742 (25.3%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (1,386, 20.1%), diplomates for whom birth year data is unavailable (61, 0.9%), diplomates whose address data are unavailable (160, 2.3%) and diplomates with an address outside of the 50 US states (135, 2.0%). While included in this map, approximately 7.7% of US-based Neonatal-Perinatal Medicine diplomates age 70 and under have lapsed certificates, and 0.2% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.12.4 Yearly Count of Neonatal-Perinatal Medicine Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type								Medical school graduate type by gender								Total fellows
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male						
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%					
2004	Level 1	106	55.5	85	44.5	123	64.4	68	35.6	71	37.2	52	27.2	35	18.3	33	17.3	191				
	Level 2	107	61.5	67	38.5	108	62.1	66	37.9	72	41.4	36	20.7	35	20.1	31	17.8	174				
	Level 3	80	48.5	85	51.5	98	59.4	67	40.6	44	26.7	54	32.7	36	21.8	31	18.8	165				
	Subtotal	293	55.3	237	44.7	329	62.1	201	37.9	187	35.3	142	26.8	106	20.0	95	17.9	530				
2005	Level 1	123	64.4	68	35.6	113	59.2	78	40.8	76	39.8	37	19.4	47	24.6	31	16.2	191				
	Level 2	100	55.9	79	44.1	117	65.4	62	34.6	68	38.0	49	27.4	32	17.9	30	16.8	179				
	Level 3	99	58.9	69	41.1	105	62.5	63	37.5	70	41.7	35	20.8	29	17.3	34	20.2	168				
	Subtotal	322	59.9	216	40.1	335	62.3	203	37.7	214	39.8	121	22.5	108	20.1	95	17.7	538				
2006	Level 1	122	61.0	78	39.0	126	63.0	74	37.0	86	43.0	40	20.0	36	18.0	38	19.0	200				
	Level 2	121	64.7	66	35.3	108	57.8	79	42.2	73	39.0	35	18.7	48	25.7	31	16.6	187				
	Level 3	100	57.5	74	42.5	117	67.2	57	32.8	70	40.2	47	27.0	30	17.2	27	15.5	174				
	Subtotal	343	61.1	218	38.9	351	62.6	210	37.4	229	40.8	122	21.7	114	20.3	96	17.1	561				
2007	Level 1	131	61.5	82	38.5	126	59.2	87	40.8	85	39.9	41	19.2	46	21.6	41	19.2	213				
	Level 2	109	57.7	80	42.3	119	63.0	70	37.0	78	41.3	41	21.7	31	16.4	39	20.6	189				
	Level 3	120	63.8	68	36.2	106	56.4	82	43.6	71	37.8	35	18.6	49	26.1	33	17.6	188				
	Subtotal	360	61.0	230	39.0	351	59.5	239	40.5	234	39.7	117	19.8	126	21.4	113	19.2	590				
2008	Level 1	149	63.9	84	36.1	140	60.1	93	39.9	100	42.9	40	17.2	49	21.0	44	18.9	233				
	Level 2	124	60.5	81	39.5	123	60.0	82	40.0	82	40.0	41	20.0	42	20.5	40	19.5	205				
	Level 3	108	58.4	77	41.6	120	64.9	65	35.1	79	42.7	41	22.2	29	15.7	36	19.5	185				
	Subtotal	381	61.2	242	38.8	383	61.5	240	38.5	261	41.9	122	19.6	120	19.3	120	19.3	623				
2009	Level 1	145	65.6	76	34.4	140	63.3	81	36.7	102	46.2	38	17.2	43	19.5	38	17.2	221				
	Level 2	142	64.5	78	35.5	132	60.0	88	40.0	95	43.2	37	16.8	47	21.4	41	18.6	220				
	Level 3	120	59.7	81	40.3	120	59.7	81	40.3	80	39.8	40	19.9	40	19.9	41	20.4	201				
	Subtotal	407	63.4	235	36.6	392	61.1	250	38.9	277	43.1	115	17.9	130	20.2	120	18.7	642				
2010	Level 1	144	65.5	76	34.5	140	63.6	80	36.4	104	47.3	36	16.4	40	18.2	40	18.2	220				
	Level 2	140	65.1	75	34.9	138	64.2	77	35.8	99	46.0	39	18.1	41	19.1	36	16.7	215				
	Level 3	147	66.2	75	33.8	134	60.4	88	39.6	98	44.1	36	16.2	49	22.1	39	17.6	222				
	Subtotal	431	65.6	226	34.4	412	62.7	245	37.3	301	45.8	111	16.9	130	19.8	115	17.5	657				
2011	Level 1	158	66.7	79	33.3	147	62.0	90	38.0	111	46.8	36	15.2	47	19.8	43	18.1	237				
	Level 2	138	65.7	72	34.3	135	64.3	75	35.7	100	47.6	35	16.7	38	18.1	37	17.6	210				
	Level 3	136	64.8	74	35.2	137	65.2	73	34.8	98	46.7	39	18.6	38	18.1	35	16.7	210				
	Subtotal	432	65.8	225	34.2	419	63.8	238	36.2	309	47.0	110	16.7	123	18.7	115	17.5	657				
2012	Level 1	145	62.2	88	37.8	150	64.4	83	35.6	108	46.4	42	18.0	37	15.9	46	19.7	233				
	Level 2	150	66.4	76	33.6	143	63.3	83	36.7	109	48.2	34	15.0	41	18.1	42	18.6	226				
	Level 3	133	64.9	72	35.1	130	63.4	75	36.6	96	46.8	34	16.6	37	18.0	38	18.5	205				
	Subtotal	428	64.5	236	35.5	423	63.7	241	36.3	313	47.1	110	16.6	115	17.3	126	19.0	664				
2013	Level 1	159	66.0	82	34.0	154	63.9	87	36.1	114	47.3	40	16.6	45	18.7	42	17.4	241				
	Level 2	139	61.5	87	38.5	148	65.5	78	34.5	105	46.5	43	19.0	34	15.0	44	19.5	226				
	Level 3	152	67.6	73	32.4	144	64.0	81	36.0	110	48.9	34	15.1	42	18.7	39	17.3	225				
	Subtotal	450	65.0	242	35.0	446	64.5	246	35.5	329	47.5	117	16.9	121	17.5	125	18.1	692				
2014	Level 1	186	72.1	72	27.9	164	63.6	94	36.4	135	52.3	29	11.2	51	19.8	43	16.7	258				
	Level 2	151	65.4	80	34.6	149	64.5	82	35.5	110	47.6	39	16.9	41	17.7	41	17.7	231				
	Level 3	137	61.4	86	38.6	147	65.9	76	34.1	105	47.1	42	18.8	32	14.3	44	19.7	223				
	Subtotal	474	66.6	238	33.4	460	64.6	252	35.4	350	49.2	110	15.4	124	17.4	128	18.0	712				
2015	Level 1	195	74.4	67	25.6	191	72.9	71	27.1	158	60.3	33	12.6	37	14.1	34	13.0	262				
	Level 2	181	73.0	67	27.0	158	63.7	90	36.3	129	52.0	29	11.7	52	21.0	38	15.3	248				
	Level 3	150	65.2	80	34.8	149	64.8	81	35.2	110	47.8	39	17.0	40	17.4	41	17.8	230				
	Subtotal	526	71.1	214	28.9	498	67.3	242	32.7	397	53.6	101	13.6	129	17.4	113	15.3	740				
2016	Level 1	183	70.4	77	29.6	177	68.1	83	31.9	142	54.6	35	13.5	41	15.8	42	16.2	260				
	Level 2	191	74.0	67	26.0	188	72.9	70	27.1	155	60.1	33	12.8	36	14.0	34	13.2	258				
	Level 3	174	72.5	66	27.5	156	65.0	84	35.0	127	52.9	29	12.1	47	19.6	37	15.4	240				
	Subtotal	548	72.3	210	27.7	521	68.7	237	31.3	424	55.9	97	12.8	124	16.4	113	14.9	758				
2017	Level 1	193	75.7	62	24.3	185	72.5	70	27.5	143	56.1	42	16.5	50	19.6	20	7.8	255				
	Level 2	180	70.6	75	29.4	173	67.8	82	32.2	140	54.9	33	12.9	40	15.7	42	16.5	255				
	Level 3	192	74.7	65	25.3	185	72.0	72	28.0	153	59.5	32	12.5	39	15.2	33	12.8	257				
	Subtotal	565	73.7	202	26.3	543	70.8	224	29.2	436	56.8	107	14.0	129	16.8	95	12.4	767				
2018	Level 1	202	75.7	65	24.3	184	68.9	83	31.1	147	55.1	37	13.9	55	20.6	28	10.5	267				
	Level 2	186	75.3	61	24.7	178	72.1	69	27.9	137	55.5	41	16.6	49	19.8	20	8.1	247				
	Level 3	177	70.2	75	29.8	171	67.9	81	32.1	138	54.8	33	13.1	39	15.5	42	16.7	252				
	Subtotal	565	73.8	201	26.2	533	69.6	233	30.4	422	55.1	111	14.5	143	18.7	90	11.7	766				
2019	Level 1	201	75.0	67	25.0	194	72.4	74	27.6	155	57.8	39	14.6	46	17.2	28	10.4	268				
	Level 2	196	75.4	64	24.6	182	70.0	78	30.0	143	55.0	39	15.0	53	20.4	25	9.6	260				
	Level 3	187	76.3	58	23.7	177	72.2	68	27.8	138	56.3	39	15.9	49	20.0	19	7.8	245				
	Subtotal	584	75.5	189	24.5	553	71.5	220	28.5	436	56.4	117	15.1	148	19.1	72	9.3	777				

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Neonatal-Perinatal Medicine programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.12.2 Yearly Count of First-Year (Level 1) Fellows in Neonatal-Perinatal Medicine Programs Since 2004 by Gender

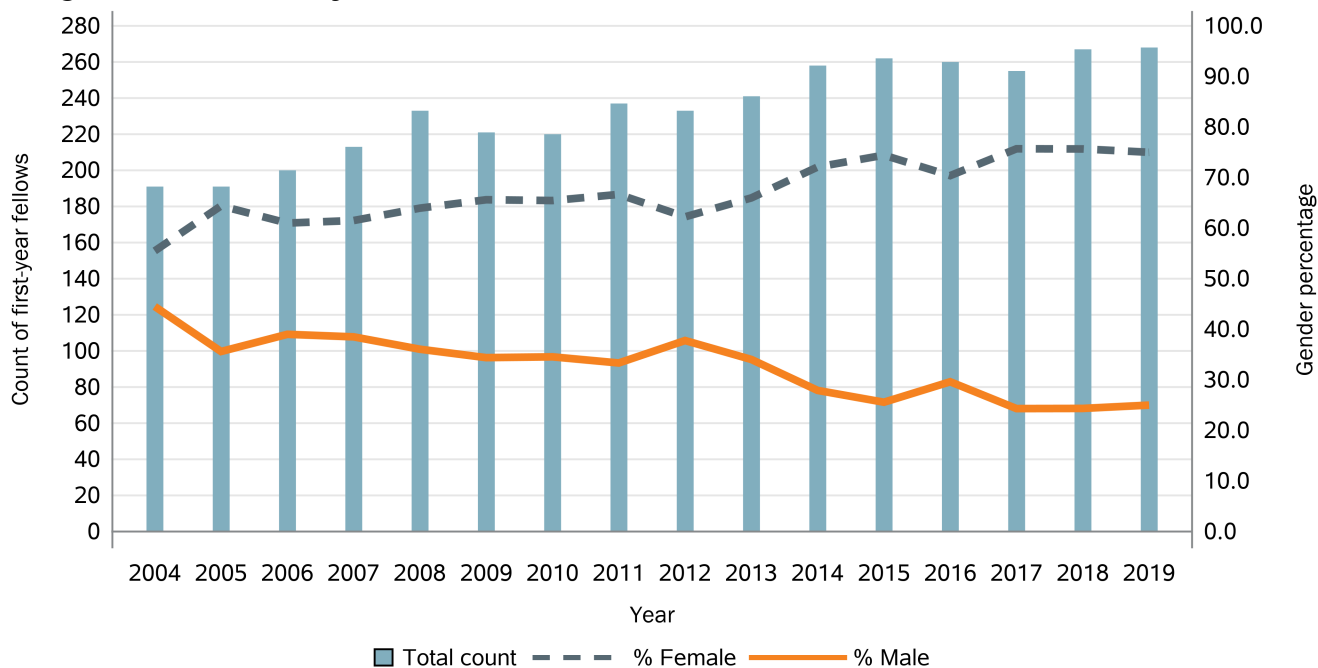
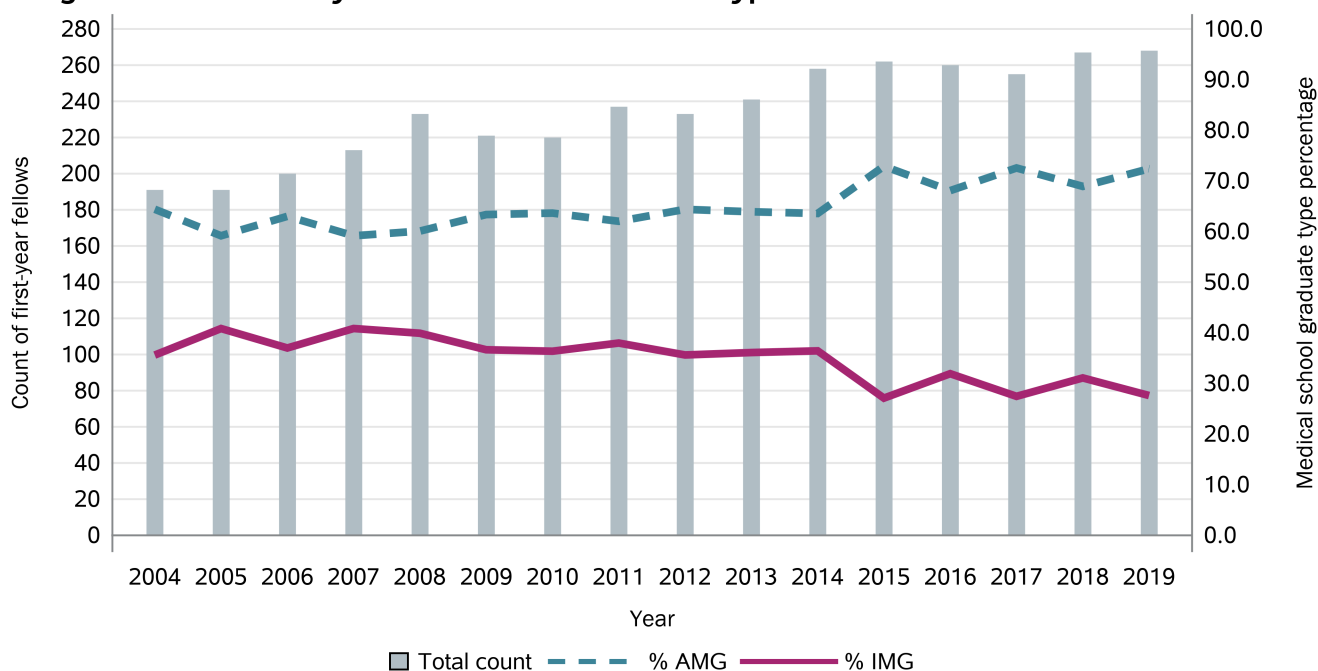


Figure 4.12.3 Yearly Count of First-Year (Level 1) Fellows in Neonatal-Perinatal Medicine Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.12.4.

4.13. Pediatric Nephrology

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Pediatric Nephrology Fellowship Tracking Information

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Table 4.13.1. All Pediatric Nephrology Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=349)		Time-limited/ no end date (n=617)		Lapsed (n=105)		Revoked (n=3)		Total (n=1,074)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	118	19.1	2	1.9	0	0.0	120	11.2
41 to 50	0	0.0	256	41.5	15	14.3	0	0.0	271	25.2
51 to 60	0	0.0	152	24.6	38	36.2	0	0.0	190	17.7
61 to 70	48	13.8	81	13.1	43	41.0	2	66.7	174	16.2
71 to 80	181	51.9	10	1.6	7	6.7	1	33.3	199	18.5
81 to 90	70	20.1	0	0.0	0	0.0	0	0.0	70	6.5
> 90	12	3.4	0	0.0	0	0.0	0	0.0	12	1.1
No birth year available	38	10.9	0	0.0	0	0.0	0	0.0	38	3.5
Gender										
Female	70	20.1	355	57.5	51	48.6	0	0.0	476	44.3
Male	279	79.9	262	42.5	54	51.4	3	100.0	598	55.7
Medical school graduate type										
AMG	199	57.0	378	61.3	66	62.9	3	100.0	646	60.1
IMG	150	43.0	239	38.7	39	37.1	0	0.0	428	39.9

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Nephrology since certification was first awarded in 1974 (n=1,074).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 3.5% of Pediatric Nephrology diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.13.2. All Pediatric Nephrology Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=48)		Time-limited/ no end date (n=607)		Lapsed (n=98)		Revoked (n=2)		Total (n=755)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	118	19.4	2	2.0	0	0.0	120	15.9
41 to 50	0	0.0	256	42.2	15	15.3	0	0.0	271	35.9
51 to 60	0	0.0	152	25.0	38	38.8	0	0.0	190	25.2
61 to 70	48	100.0	81	13.3	43	43.9	2	100.0	174	23.0
Gender										
Female	21	43.8	353	58.2	49	50.0	0	0.0	423	56.0
Male	27	56.3	254	41.8	49	50.0	2	100.0	332	44.0
Medical school graduate type										
AMG	40	83.3	373	61.4	64	65.3	2	100.0	479	63.4
IMG	8	16.7	234	38.6	34	34.7	0	0.0	276	36.6

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Nephrology since certification was first awarded in 1974 (n=755).

Response Rate: Not applicable.

Missing Data: Birth year data is unavailable for approximately 3.5% of Pediatric Nephrology diplomates ever certified.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.13.3. US-Based Pediatric Nephrology Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	9	121,091.1	0.8
Alaska	183,816	1	183,816.0	0.5
Arizona	1,642,647	16	102,665.4	1.0
Arkansas	703,180	5	140,636.0	0.7
California	8,989,764	76	118,286.4	0.8
Colorado	1,265,232	11	115,021.1	0.9
Connecticut	735,193	11	66,835.7	1.5
Delaware	203,616	1	203,616.0	0.5
District of Columbia	127,494	5	25,498.8	3.9
Florida	4,229,071	36	117,474.2	0.9
Georgia	2,505,531	13	192,733.2	0.5
Hawaii	303,413	2	151,706.5	0.7
Idaho	446,972	2	223,486.0	0.4
Illinois	2,857,131	30	95,237.7	1.1
Indiana	1,568,130	10	156,813.0	0.6
Iowa	730,767	6	121,794.5	0.8
Kansas	705,961	6	117,660.2	0.8
Kentucky	1,008,829	6	168,138.2	0.6
Louisiana	1,095,916	6	182,652.7	0.5
Maine	250,404	3	83,468.0	1.2
Maryland	1,340,148	25	53,605.9	1.9
Massachusetts	1,366,857	20	68,342.9	1.5
Michigan	2,164,668	26	83,256.5	1.2
Minnesota	1,302,615	14	93,043.9	1.1
Mississippi	706,138	2	353,069.0	0.3
Missouri	1,376,751	16	86,046.9	1.2
Montana	229,434	0	-	-
Nebraska	476,841	4	119,210.3	0.8
Nevada	688,997	3	229,665.7	0.4
New Hampshire	258,170	2	129,085.0	0.8
New Jersey	1,953,631	17	114,919.5	0.9
New Mexico	482,153	4	120,538.3	0.8
New York	4,068,092	48	84,751.9	1.2
North Carolina	2,300,622	23	100,027.0	1.0
North Dakota	178,697	0	-	-
Ohio	2,593,325	36	72,036.8	1.4
Oklahoma	956,433	4	239,108.3	0.4
Oregon	873,567	11	79,415.2	1.3
Pennsylvania	2,648,911	36	73,580.9	1.4
Rhode Island	205,202	4	51,300.5	1.9
South Carolina	1,105,655	10	110,565.5	0.9
South Dakota	217,606	2	108,803.0	0.9
Tennessee	1,506,219	15	100,414.6	1.0
Texas	7,398,009	60	123,300.2	0.8
Utah	932,462	4	233,115.5	0.4
Vermont	115,973	3	38,657.7	2.6
Virginia	1,869,737	18	103,874.3	1.0
Washington	1,663,283	25	66,531.3	1.5
West Virginia	364,160	6	60,693.3	1.6
Wisconsin	1,276,101	11	116,009.2	0.9
Wyoming	134,775	0	-	-
Total	73,398,119	704	104,258.7	1.0

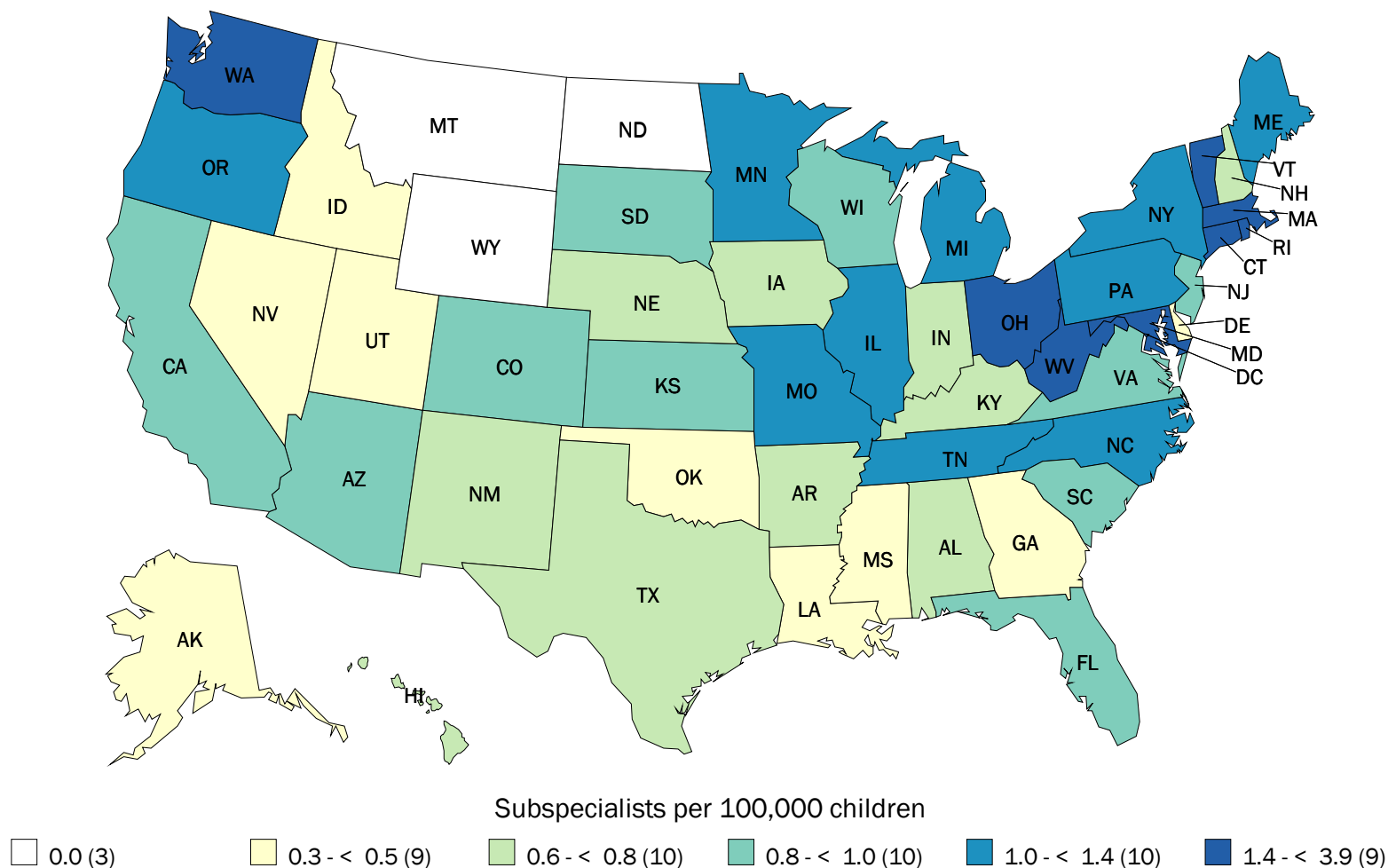
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Nephrology diplomates ever certified, age 70 and under (n=704), among all diplomates ever certified in Pediatric Nephrology (n=1,074). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Nephrology subspecialist diplomates ever certified, 370 (34.5%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (281, 26.2%), diplomates for whom birth year data is unavailable (38, 3.5%), diplomates whose address data are unavailable (26, 2.4%) and diplomates with an address outside of the 50 US states (25, 2.3%). While included in this table, approximately 13.0% of US-based Pediatric Nephrology diplomates age 70 and under have lapsed certificates, and 0.3% have had their certifications revoked. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.13.1. Distribution of US-Based Pediatric Nephrology Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Nephrology diplomates ever certified, age 70 and under (n=704), among all diplomates ever certified in Pediatric Nephrology (n=1,074). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Nephrology subspecialist diplomates ever certified, 370 (34.5%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (281, 26.2%), diplomates for whom birth year data is unavailable (38, 3.5%), diplomates whose address data are unavailable (26, 2.4%) and diplomates with an address outside of the 50 US states (25, 2.3%). While included in this map, approximately 13.0% of US-based Pediatric Nephrology diplomates age 70 and under have lapsed certificates, and 0.3% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.13.4 Yearly Count of Pediatric Nephrology Fellows by Training Levels 1-3 Since 2004 by Demographics

Year		Training Level		Gender				Medical school graduate type				Medical school graduate type by gender								Total fellows	
				Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male			
				n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%		
2004	Level 1	24	61.5	15	38.5	26	66.7	13	33.3	19	48.7	7	17.9	5	12.8	8	20.5	39			
	Level 2	18	54.5	15	45.5	23	69.7	10	30.3	14	42.4	9	27.3	4	12.1	6	18.2	33			
	Level 3	16	61.5	10	38.5	17	65.4	9	34.6	10	38.5	7	26.9	6	23.1	3	11.5	26			
	Subtotal	58	59.2	40	40.8	66	67.3	32	32.7	43	43.9	23	23.5	15	15.3	17	17.3	98			
2005	Level 1	29	74.4	10	25.6	27	69.2	12	30.8	18	46.2	9	23.1	11	28.2	1	2.6	39			
	Level 2	23	63.9	13	36.1	24	66.7	12	33.3	18	50.0	6	16.7	5	13.9	7	19.4	36			
	Level 3	14	53.8	12	46.2	19	73.1	7	26.9	11	42.3	8	30.8	3	11.5	4	15.4	26			
	Subtotal	66	65.3	35	34.7	70	69.3	31	30.7	47	46.5	23	22.8	19	18.8	12	11.9	101			
2006	Level 1	14	51.9	13	48.1	18	66.7	9	33.3	8	29.6	10	37.0	6	22.2	3	11.1	27			
	Level 2	27	73.0	10	27.0	26	70.3	11	29.7	18	48.6	8	21.6	9	24.3	2	5.4	37			
	Level 3	21	63.6	12	36.4	22	66.7	11	33.3	17	51.5	5	15.2	4	12.1	7	21.2	33			
	Subtotal	62	63.9	35	36.1	66	68.0	31	32.0	43	44.3	23	23.7	19	19.6	12	12.4	97			
2007	Level 1	32	76.2	10	23.8	27	64.3	15	35.7	21	50.0	6	14.3	11	26.2	4	9.5	42			
	Level 2	11	50.0	11	50.0	13	59.1	9	40.9	5	22.7	8	36.4	6	27.3	3	13.6	22			
	Level 3	27	75.0	9	25.0	26	72.2	10	27.8	18	50.0	8	22.2	9	25.0	1	2.8	36			
	Subtotal	70	70.0	30	30.0	66	66.0	34	34.0	44	44.0	22	22.0	26	26.0	8	8.0	100			
2008	Level 1	27	69.2	12	30.8	22	56.4	17	43.6	17	43.6	5	12.8	10	25.6	7	17.9	39			
	Level 2	31	75.6	10	24.4	26	63.4	15	36.6	20	48.8	6	14.6	11	26.8	4	9.8	41			
	Level 3	9	45.0	11	55.0	12	60.0	8	40.0	4	20.0	8	40.0	5	25.0	3	15.0	20			
	Subtotal	67	67.0	33	33.0	60	60.0	40	40.0	41	41.0	19	19.0	26	26.0	14	14.0	100			
2009	Level 1	29	65.9	15	34.1	29	65.9	15	34.1	19	43.2	10	22.7	10	22.7	5	11.4	44			
	Level 2	24	66.7	12	33.3	20	55.6	16	44.4	15	41.7	5	13.9	9	25.0	7	19.4	36			
	Level 3	30	75.0	10	25.0	26	65.0	14	35.0	20	50.0	6	15.0	10	25.0	4	10.0	40			
	Subtotal	83	69.2	37	30.8	75	62.5	45	37.5	54	45.0	21	17.5	29	24.2	16	13.3	120			
2010	Level 1	30	63.8	17	36.2	22	46.8	25	53.2	17	36.2	5	10.6	13	27.7	12	25.5	47			
	Level 2	28	70.0	12	30.0	28	70.0	12	30.0	19	47.5	9	22.5	9	22.5	3	7.5	40			
	Level 3	22	68.8	10	31.3	18	56.3	14	43.8	13	40.6	5	15.6	9	28.1	5	15.6	32			
	Subtotal	80	67.2	39	32.8	68	57.1	51	42.9	49	41.2	19	16.0	31	26.1	20	16.8	119			
2011	Level 1	23	56.1	18	43.9	18	43.9	23	56.1	8	19.5	10	24.4	15	36.6	8	19.5	41			
	Level 2	30	65.2	16	34.8	20	43.5	26	56.5	16	34.8	4	8.7	14	30.4	12	26.1	46			
	Level 3	28	71.8	11	28.2	27	69.2	12	30.8	19	48.7	8	20.5	9	23.1	3	7.7	39			
	Subtotal	81	64.3	45	35.7	65	51.6	61	48.4	43	34.1	22	17.5	38	30.2	23	18.3	126			
2012	Level 1	27	64.3	15	35.7	26	61.9	16	38.1	18	42.9	8	19.0	9	21.4	7	16.7	42			
	Level 2	20	57.1	15	42.9	14	40.0	21	60.0	7	20.0	7	20.0	13	37.1	8	22.9	35			
	Level 3	29	67.4	14	32.6	19	44.2	24	55.8	16	37.2	3	7.0	13	30.2	11	25.6	43			
	Subtotal	76	63.3	44	36.7	59	49.2	61	50.8	41	34.2	18	15.0	35	29.2	26	21.7	120			
2013	Level 1	25	71.4	10	28.6	19	54.3	16	45.7	16	45.7	3	8.6	9	25.7	7	20.0	35			
	Level 2	27	64.3	15	35.7	26	61.9	16	38.1	18	42.9	8	19.0	9	21.4	7	16.7	42			
	Level 3	18	56.3	14	43.8	13	40.6	19	59.4	7	21.9	6	18.8	11	34.4	8	25.0	32			
	Subtotal	70	64.2	39	35.8	58	53.2	51	46.8	41	37.6	17	15.6	29	26.6	22	20.2	109			
2014	Level 1	30	76.9	9	23.1	23	59.0	16	41.0	17	43.6	6	15.4	13	33.3	3	7.7	39			
	Level 2	23	71.9	9	28.1	18	56.3	14	43.8	15	46.9	3	9.4	8	25.0	6	18.8	32			
	Level 3	27	64.3	15	35.7	26	61.9	16	38.1	18	42.9	8	19.0	9	21.4	7	16.7	42			
	Subtotal	80	70.8	33	29.2	67	59.3	46	40.7	50	44.2	17	15.0	30	26.5	16	14.2	113			
2015	Level 1	24	72.7	9	27.3	14	42.4	19	57.6	12	36.4	2	6.1	12	36.4	7	21.2	33			
	Level 2	29	76.3	9	23.7	23	60.5	15	39.5	17	44.7	6	15.8	12	31.6	3	7.9	38			
	Level 3	21	70.0	9	30.0	17	56.7	13	43.3	14	46.7	3	10.0	7	23.3	6	20.0	30			
	Subtotal	74	73.3	27	26.7	54	53.5	47	46.5	43	42.6	11	10.9	31	30.7	16	15.8	101			
2016	Level 1	27	77.1	8	22.9	22	62.9	13	37.1	17	48.6	5	14.3	10	28.6	3	8.6	35			
	Level 2	23	71.9	9	28.1	13	40.6	19	59.4	11	34.4	2	6.3	12	37.5	7	21.9	32			
	Level 3	27	75.0	9	25.0	21	58.3	15	41.7	15	41.7	6	16.7	12	33.3	3	8.3	36			
	Subtotal	77	74.8	26	25.2	56	54.4	47	45.6	43	41.7	13	12.6	34	33.0	13	12.6	103			
2017	Level 1	22	64.7	12	35.3	20	58.8	14	41.2	14	41.2	6	17.6	8	23.5	6	17.6	34			
	Level 2	25	75.8	8	24.2	22	66.7	11	33.3	17	51.5	5	15.2	8	24.2	3	9.1	33			
	Level 3	23	71.9	9	28.1	14	43.8	18	56.3	11	34.4	3	9.4	12	37.5	6	18.8	32			
	Subtotal	70	70.7	29	29.3	56	56.6	43	43.4	42	42.4	14	14.1	28	28.3	15	15.2	99			
2018	Level 1	37	78.7	10	21.3	34	72.3	13	27.7	27	57.4	7	14.9	10	21.3	3	6.4	47			
	Level 2	22	66.7	11	33.3	20	60.6	13	39.4	14	42.4	6	18.2	8	24.2	5	15.2	33			
	Level 3	25	78.1	7	21.9	22	68.0	10	31.3	17	53.1	5	15.6	8	25.0	2	6.3	32			
	Subtotal	84	75.0	28	25.0	76	67.9	36	32.1	58	51.8	18	16.1	26	23.2	10	8.9	112			
2019	Level 1	26	83.9	5	16.1	20	64.5	11	35.5	16	51.6	4	12.9	10	32.3	1	3.2	31			
	Level 2	36	81.8	8	18.2	34	77.3	10	22.7	27	61.4	7	15.9	9	20.5	1	2.3	44			
	Level 3	22	64.7	12	35.3	20	58.8	14	41.2	14	41.2	6	17.6	8	23.5	6	17.6	34			
	Subtotal	84	77.1	25	22.9	74	67.9	35	32.1	57	52.3	17	15.6	27	24.8	8	7.3	109			

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Pediatric Nephrology programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.13.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Nephrology Programs Since 2004 by Gender

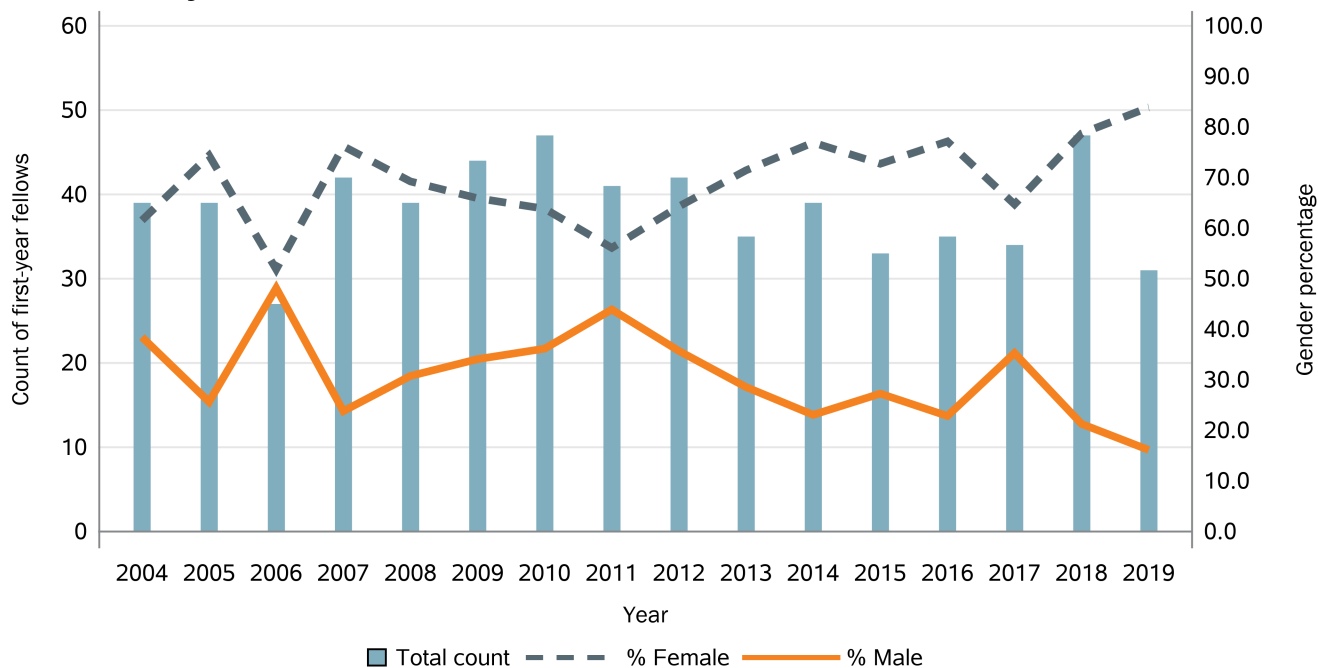
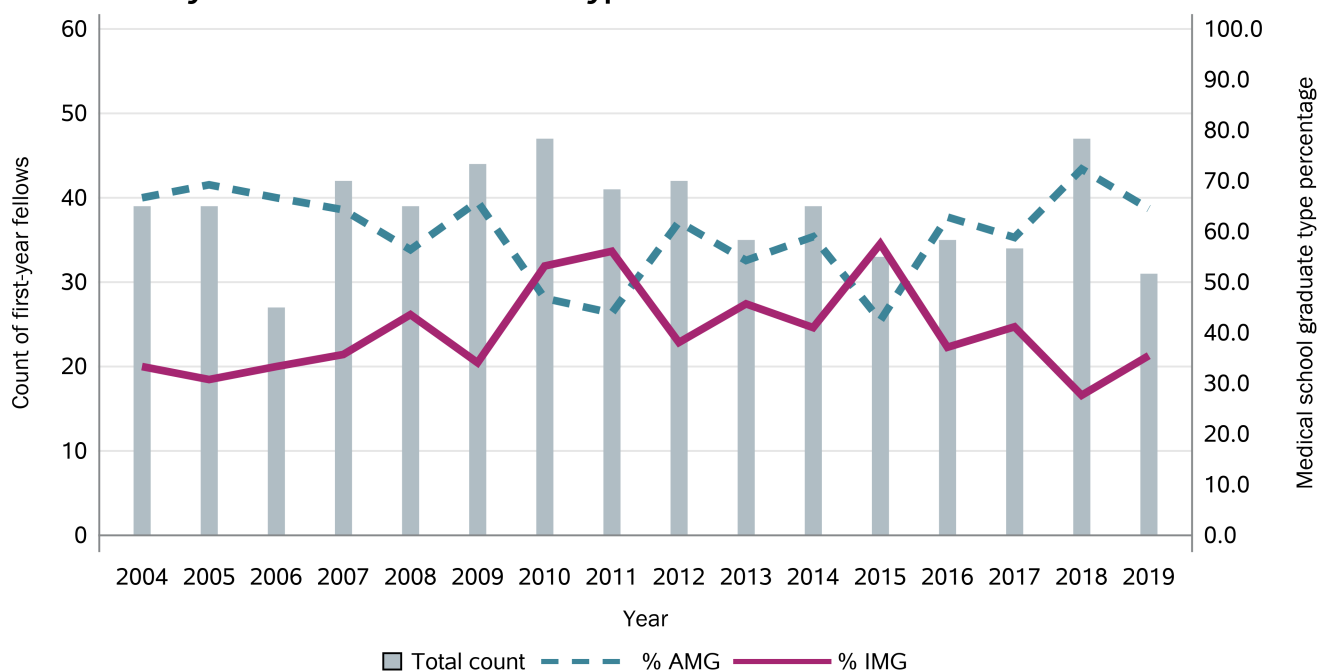


Figure 4.13.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Nephrology Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.13.4.

4.14. Pediatric Pulmonology

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Table 4.14.1. All Pediatric Pulmonology Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=1,125)		Lapsed (n=292)		Revoked (n=1)		Total (n=1,418)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	205	18.2	1	0.3	0	0.0	206	14.5
41 to 50	0	0.0	376	33.4	10	3.4	0	0.0	386	27.2
51 to 60	0	0.0	266	23.6	34	11.6	1	100.0	301	21.2
61 to 70	0	0.0	231	20.5	122	41.8	0	0.0	353	24.9
71 to 80	0	0.0	46	4.1	95	32.5	0	0.0	141	9.9
81 to 90	0	0.0	1	0.1	23	7.9	0	0.0	24	1.7
> 90	0	0.0	0	0.0	7	2.4	0	0.0	7	0.5
No birth year available	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gender										
Female	0	0.0	507	45.1	85	29.1	0	0.0	592	41.7
Male	0	0.0	618	54.9	207	70.9	1	100.0	826	58.3
Medical school graduate type										
AMG	0	0.0	764	67.9	225	77.1	1	100.0	990	69.8
IMG	0	0.0	361	32.1	67	22.9	0	0.0	428	30.2

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Pulmonology since certification was first awarded in 1986 (n=1,418).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.14.2. All Pediatric Pulmonology Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=1,078)		Lapsed (n=167)		Revoked (n=1)		Total (n=1,246)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	205	19.0	1	0.6	0	0.0	206	16.5
41 to 50	0	0.0	376	34.9	10	6.0	0	0.0	386	31.0
51 to 60	0	0.0	266	24.7	34	20.4	1	100.0	301	24.2
61 to 70	0	0.0	231	21.4	122	73.1	0	0.0	353	28.3
Gender										
Female	0	0.0	494	45.8	57	34.1	0	0.0	551	44.2
Male	0	0.0	584	54.2	110	65.9	1	100.0	695	55.8
Medical school graduate type										
AMG	0	0.0	733	68.0	120	71.9	1	100.0	854	68.5
IMG	0	0.0	345	32.0	47	28.1	0	0.0	392	31.5

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Pulmonology since certification was first awarded in 1986 (n=1,246).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.14.3. US-Based Pediatric Pulmonology Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	12	90,818.3	1.1
Alaska	183,816	0	-	-
Arizona	1,642,647	20	82,132.4	1.2
Arkansas	703,180	8	87,897.5	1.1
California	8,989,764	113	79,555.4	1.3
Colorado	1,265,232	36	35,145.3	2.8
Connecticut	735,193	20	36,759.7	2.7
Delaware	203,616	5	40,723.2	2.5
District of Columbia	127,494	7	18,213.4	5.5
Florida	4,229,071	68	62,192.2	1.6
Georgia	2,505,531	26	96,366.6	1.0
Hawaii	303,413	3	101,137.7	1.0
Idaho	446,972	1	446,972.0	0.2
Illinois	2,857,131	36	79,364.8	1.3
Indiana	1,568,130	32	49,004.1	2.0
Iowa	730,767	11	66,433.4	1.5
Kansas	705,961	4	176,490.3	0.6
Kentucky	1,008,829	10	100,882.9	1.0
Louisiana	1,095,916	17	64,465.6	1.6
Maine	250,404	4	62,601.0	1.6
Maryland	1,340,148	32	41,879.6	2.4
Massachusetts	1,366,857	59	23,167.1	4.3
Michigan	2,164,668	26	83,256.5	1.2
Minnesota	1,302,615	25	52,104.6	1.9
Mississippi	706,138	3	235,379.3	0.4
Missouri	1,376,751	34	40,492.7	2.5
Montana	229,434	1	229,434.0	0.4
Nebraska	476,841	10	47,684.1	2.1
Nevada	688,997	7	98,428.1	1.0
New Hampshire	258,170	2	129,085.0	0.8
New Jersey	1,953,631	31	63,020.4	1.6
New Mexico	482,153	4	120,538.3	0.8
New York	4,068,092	96	42,376.0	2.4
North Carolina	2,300,622	40	57,515.6	1.7
North Dakota	178,697	1	178,697.0	0.6
Ohio	2,593,325	80	32,416.6	3.1
Oklahoma	956,433	4	239,108.3	0.4
Oregon	873,567	6	145,594.5	0.7
Pennsylvania	2,648,911	55	48,162.0	2.1
Rhode Island	205,202	1	205,202.0	0.5
South Carolina	1,105,655	11	100,514.1	1.0
South Dakota	217,606	4	54,401.5	1.8
Tennessee	1,506,219	22	68,464.5	1.5
Texas	7,398,009	89	83,123.7	1.2
Utah	932,462	10	93,246.2	1.1
Vermont	115,973	4	28,993.3	3.4
Virginia	1,869,737	32	58,429.3	1.7
Washington	1,663,283	30	55,442.8	1.8
West Virginia	364,160	3	121,386.7	0.8
Wisconsin	1,276,101	14	91,150.1	1.1
Wyoming	134,775	0	-	-
Total	73,398,119	1,169	62,787.1	1.6

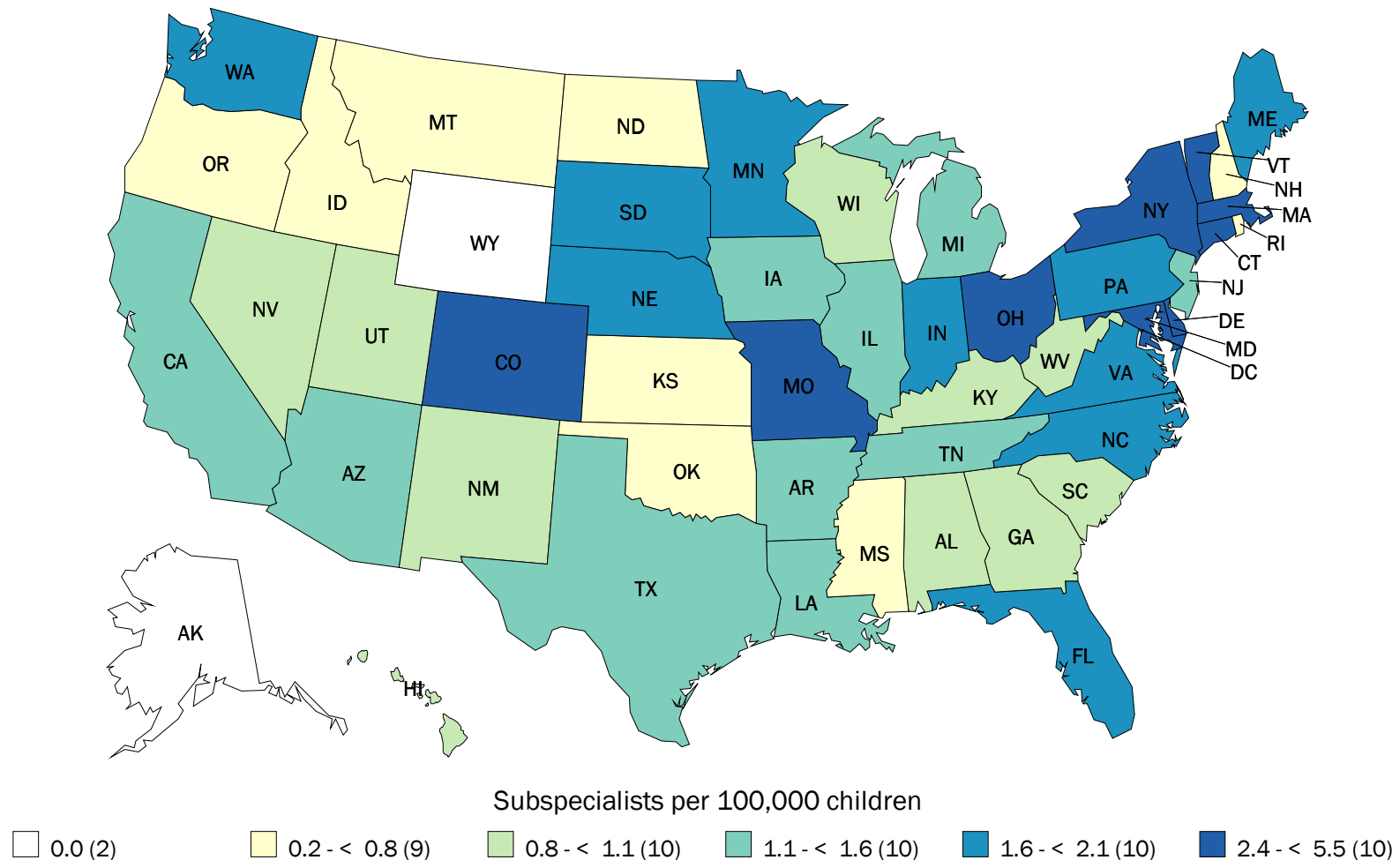
Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Pulmonology diplomates ever certified, age 70 and under (n=1,169), among all diplomates ever certified in Pediatric Pulmonology (n=1,418). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Pulmonology subspecialist diplomates ever certified, 249 (17.6%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (172, 12.1%), diplomates whose address data are unavailable (32, 2.3%) and diplomates with an address outside of the 50 US states (45, 3.2%). While included in this table, approximately 13.4% of US-based Pediatric Pulmonology diplomates age 70 and under have lapsed certificates, and 0.1% have had their certifications revoked. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Figure 4.14.1. Distribution of US-Based Pediatric Pulmonology Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Pulmonology diplomates ever certified, age 70 and under (n=1,169), among all diplomates ever certified in Pediatric Pulmonology (n=1,418). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Pulmonology subspecialist diplomates ever certified, 249 (17.6%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (172, 12.1%), diplomates whose address data are unavailable (32, 2.3%) and diplomates with an address outside of the 50 US states (45, 3.2%). While included in this map, approximately 13.4% of US-based Pediatric Pulmonology diplomates age 70 and under have lapsed certificates, and 0.1% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.14.4 Yearly Count of Pediatric Pulmonology Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender								Total fellows
		Female		Male		AMG		IMG		AMG/Female		AMG/Male		IMG/Female		IMG/Male		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2004	Level 1	21	52.5	19	47.5	28	70.0	12	30.0	12	30.0	16	40.0	9	22.5	3	7.5	40
	Level 2	17	37.0	29	63.0	30	65.2	16	34.8	9	19.6	21	45.7	8	17.4	8	17.4	46
	Level 3	13	52.0	12	48.0	16	64.0	9	36.0	6	24.0	10	40.0	7	28.0	2	8.0	25
	Subtotal	51	45.9	60	54.1	74	66.7	37	33.3	27	24.3	47	42.3	24	21.6	13	11.7	111
2005	Level 1	17	41.5	24	58.5	22	53.7	19	46.3	8	19.5	14	34.1	9	22.0	10	24.4	41
	Level 2	20	50.0	20	50.0	28	70.0	12	30.0	12	30.0	16	40.0	8	20.0	4	10.0	40
	Level 3	16	38.1	26	61.9	28	66.7	14	33.3	8	19.0	20	47.6	8	19.0	6	14.3	42
	Subtotal	53	43.1	70	56.9	78	63.4	45	36.6	28	22.8	50	40.7	25	20.3	20	16.3	123
2006	Level 1	19	50.0	19	50.0	20	52.6	18	47.4	11	28.9	9	23.7	8	21.1	10	26.3	38
	Level 2	15	39.5	23	60.5	20	52.6	18	47.4	7	18.4	13	34.2	8	21.1	10	26.3	38
	Level 3	18	50.0	18	50.0	26	72.2	10	27.8	11	30.6	15	41.7	7	19.4	3	8.3	36
	Subtotal	52	46.4	60	53.6	66	58.9	46	41.1	29	25.9	37	33.0	23	20.5	23	20.5	112
2007	Level 1	25	45.5	30	54.5	35	63.6	20	36.4	19	34.5	16	29.1	6	10.9	14	25.5	55
	Level 2	19	47.5	21	52.5	22	55.0	18	45.0	11	27.5	11	27.5	8	20.0	10	25.0	40
	Level 3	15	42.9	20	57.1	20	57.1	15	42.9	7	20.0	13	37.1	8	22.9	7	20.0	35
	Subtotal	59	45.4	71	54.6	77	59.2	53	40.8	37	28.5	40	30.8	22	16.9	31	23.8	130
2008	Level 1	24	52.2	22	47.8	30	65.2	16	34.8	12	26.1	18	39.1	12	26.1	4	8.7	46
	Level 2	25	47.2	28	52.8	34	64.2	19	35.8	19	35.8	15	28.3	6	11.3	13	24.5	53
	Level 3	18	47.4	20	52.6	20	52.6	18	47.4	10	26.3	10	26.3	8	21.1	10	26.3	38
	Subtotal	67	48.9	70	51.1	84	61.3	53	38.7	41	29.9	43	31.4	26	19.0	27	19.7	137
2009	Level 1	31	63.3	18	36.7	29	59.2	20	40.8	18	36.7	11	22.4	13	26.5	7	14.3	49
	Level 2	22	52.4	20	47.6	26	61.9	16	38.1	10	23.8	16	38.1	12	28.6	4	9.5	42
	Level 3	26	52.0	24	48.0	36	72.0	14	28.0	20	40.0	16	32.0	6	12.0	8	16.0	50
	Subtotal	79	56.0	62	44.0	91	64.5	50	35.5	48	34.0	43	30.5	31	22.0	19	13.5	141
2010	Level 1	39	69.6	17	30.4	37	66.1	19	33.9	28	50.0	9	16.1	11	19.6	8	14.3	56
	Level 2	31	66.0	16	34.0	28	59.6	19	40.4	18	38.3	10	21.3	13	27.7	6	12.8	47
	Level 3	22	55.0	18	45.0	24	60.0	16	40.0	10	25.0	14	35.0	12	30.0	4	10.0	40
	Subtotal	92	64.3	51	35.7	89	62.2	54	37.8	56	39.2	33	23.1	36	25.2	18	12.6	143
2011	Level 1	34	66.7	17	33.3	33	64.7	18	35.3	20	39.2	13	25.5	14	27.5	4	7.8	51
	Level 2	37	69.8	16	30.2	37	69.8	16	30.2	28	52.8	9	17.0	9	17.0	7	13.2	53
	Level 3	29	63.0	17	37.0	29	63.0	17	37.0	18	39.1	11	23.9	11	23.9	6	13.0	46
	Subtotal	100	66.7	50	33.3	99	66.0	51	34.0	66	44.0	33	22.0	34	22.7	17	11.3	150
2012	Level 1	40	69.0	18	31.0	32	55.2	26	44.8	25	43.1	7	12.1	15	25.9	11	19.0	58
	Level 2	32	64.0	18	36.0	31	62.0	19	38.0	18	36.0	13	26.0	14	28.0	5	10.0	50
	Level 3	38	70.4	16	29.6	37	68.5	17	31.5	28	51.9	9	16.7	10	18.5	7	13.0	54
	Subtotal	110	67.9	52	32.1	100	61.7	62	38.3	71	43.8	29	17.9	39	24.1	23	14.2	162
2013	Level 1	28	52.8	25	47.2	35	66.0	18	34.0	19	35.8	16	30.2	9	17.0	9	17.0	53
	Level 2	40	70.2	17	29.8	31	54.4	26	45.6	25	43.9	6	10.5	15	26.3	11	19.3	57
	Level 3	29	64.4	16	35.6	28	62.2	17	37.8	16	35.6	12	26.7	13	28.9	4	8.9	45
	Subtotal	97	62.6	58	37.4	94	60.6	61	39.4	60	38.7	34	21.9	37	23.9	24	15.5	155
2014	Level 1	35	59.3	24	40.7	38	64.4	21	35.6	24	40.7	14	23.7	11	18.6	10	16.9	59
	Level 2	25	51.0	24	49.0	33	67.3	16	32.7	17	34.7	16	32.7	8	16.3	8	16.3	49
	Level 3	40	70.2	17	29.8	31	54.4	26	45.6	25	43.9	6	10.5	15	26.3	11	19.3	57
	Subtotal	100	60.6	65	39.4	102	61.8	63	38.2	66	40.0	36	21.8	34	20.6	29	17.6	165
2015	Level 1	29	54.7	24	45.3	31	58.5	22	41.5	16	30.2	15	28.3	13	24.5	9	17.0	53
	Level 2	36	62.1	22	37.9	38	65.5	20	34.5	26	44.8	12	20.7	10	17.2	10	17.2	58
	Level 3	26	53.1	23	46.9	34	69.4	15	30.6	19	38.8	15	30.6	7	14.3	8	16.3	49
	Subtotal	91	56.9	69	43.1	103	64.4	57	35.6	61	38.1	42	26.3	30	18.8	27	16.9	160
2016	Level 1	41	68.3	19	31.7	40	66.7	20	33.3	28	46.7	12	20.0	13	21.7	7	11.7	60
	Level 2	28	54.9	23	45.1	29	56.9	22	43.1	15	29.4	14	27.5	13	25.5	9	17.6	51
	Level 3	34	61.8	21	38.2	37	67.3	18	32.7	24	43.6	13	23.6	10	18.2	8	14.5	55
	Subtotal	103	62.0	63	38.0	106	63.9	60	36.1	67	40.4	39	23.5	36	21.7	24	14.5	166
2017	Level 1	35	70.0	15	30.0	31	62.0	19	38.0	23	46.0	8	16.0	12	24.0	7	14.0	50
	Level 2	39	66.1	20	33.9	40	67.8	19	32.2	27	45.8	13	22.0	12	20.3	7	11.9	59
	Level 3	25	52.1	23	47.9	28	58.3	20	41.7	14	29.2	14	29.2	11	22.9	9	18.8	48
	Subtotal	99	63.1	58	36.9	99	63.1	58	36.9	64	40.8	35	22.3	35	22.3	23	14.6	157
2018	Level 1	35	59.3	24	40.7	32	54.2	27	45.8	21	35.6	11	18.6	14	23.7	13	22.0	59
	Level 2	31	67.4	15	32.6	29	63.0	17	37.0	21	45.7	8	17.4	10	21.7	7	15.2	46
	Level 3	38	66.7	19	33.3	40	70.2	17	29.8	27	47.4	13	22.8	11	19.3	6	10.5	57
	Subtotal	104	64.2	58	35.8	101	62.3	61	37.7	69	42.6	32	19.8	35	21.6	26	16.0	162
2019	Level 1	36	58.1	26	41.9	42	67.7	20	32.3	27	43.5	15	24.2	9	14.5	11	17.7	62
	Level 2	35	59.3	24	40.7	31	52.5	28	47.5	20	33.9	11	18.6	15	25.4	13	22.0	59
	Level 3	31	67.4	15	32.6	29	63.0	17	37.0	21	45.7	8	17.4	10	21.7	7	15.2	46
	Subtotal	102	61.1	65	38.9	102	61.1	65	38.9	68	40.7	34	20.4	34	20.4	31	18.6	167

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Pediatric Pulmonology programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.14.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Pulmonology Programs Since 2004 by Gender

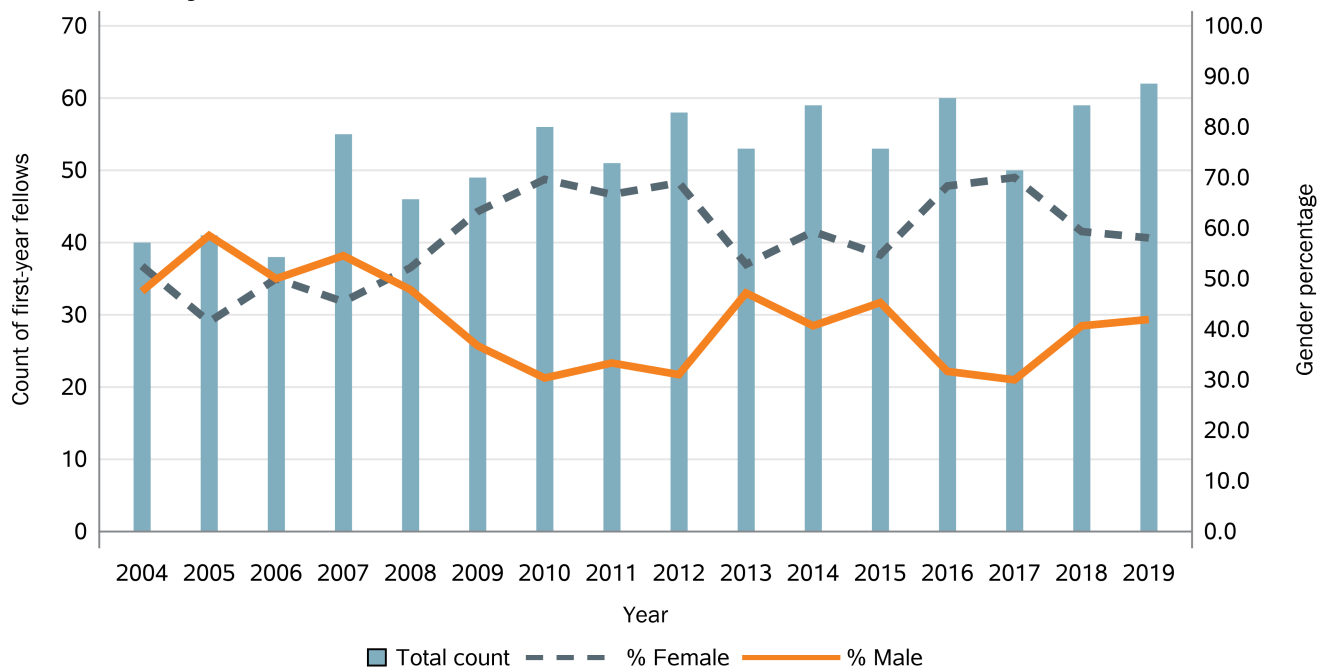
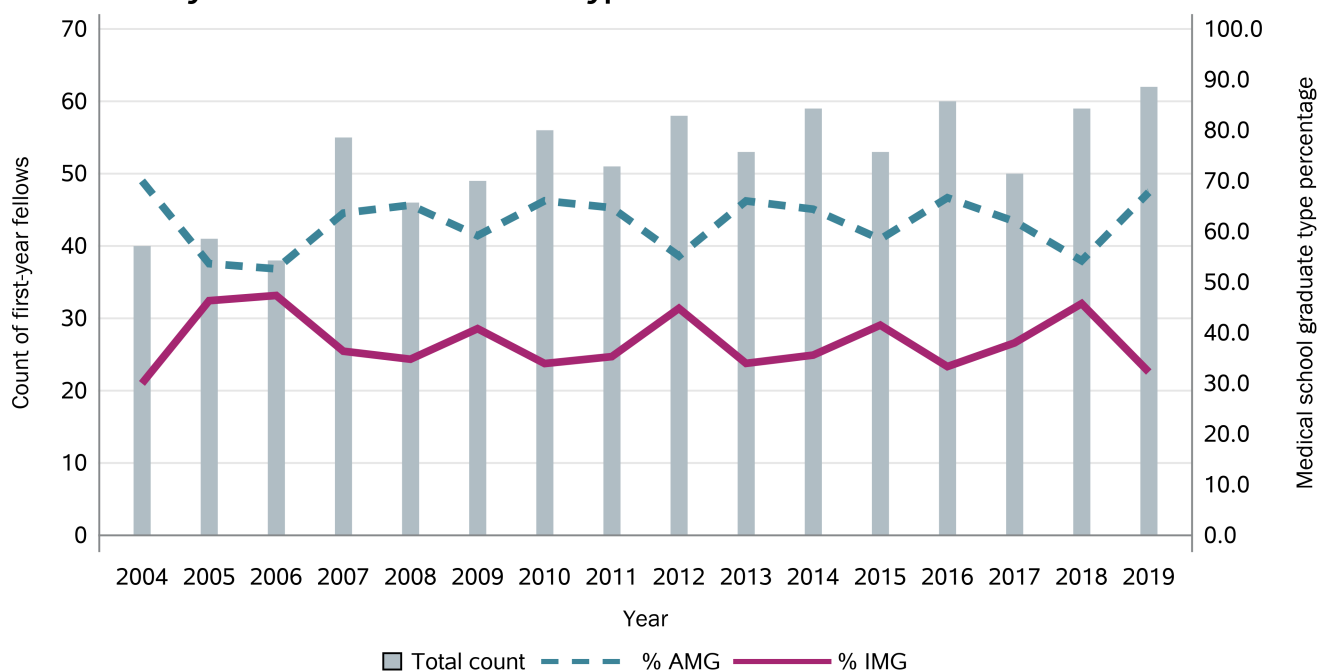


Figure 4.14.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Pulmonology Programs Since 2004 by Medical School Graduate Type



Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.14.4.

4.15. Pediatric Rheumatology

Subsection Contents

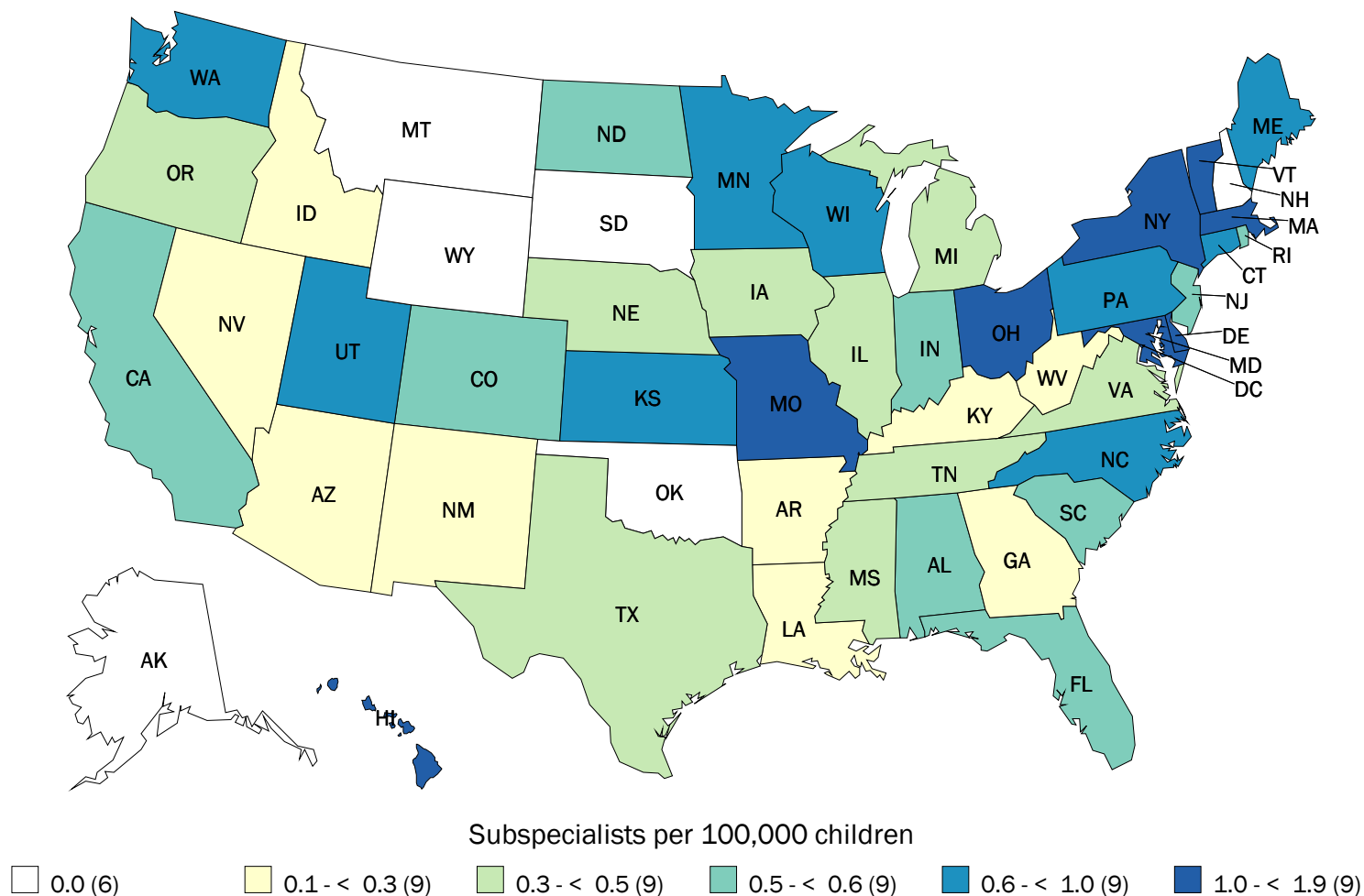
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Figure 4.15.1. Distribution of US-Based Pediatric Rheumatology Diplomates Ever Certified, Age 70 and Under, per 100,000 Children by State



Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Rheumatology diplomates ever certified, age 70 and under (n=437), among all diplomates ever certified in Pediatric Rheumatology (n=510). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Rheumatology subspecialist diplomates ever certified, 73 (14.3%) were not included in this map. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (45, 8.8%), diplomates whose address data are unavailable (16, 3.1%) and diplomates with an address outside of the 50 US states (12, 2.4%). While included in this map, approximately 14.4% of US-based Pediatric Rheumatology diplomates age 70 and under have lapsed certificates, and 0.4% have had their certifications revoked. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.15.1. All Pediatric Rheumatology Subspecialists Ever Certified: Distribution of Certificate Status by Demographics

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=403)		Lapsed (n=105)		Revoked (n=2)		Total (n=510)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	104	25.8	0	0.0	0	0.0	104	20.4
41 to 50	0	0.0	168	41.7	11	10.5	1	50.0	180	35.3
51 to 60	0	0.0	65	16.1	19	18.1	0	0.0	84	16.5
61 to 70	0	0.0	59	14.6	37	35.2	1	50.0	97	19.0
71 to 80	0	0.0	7	1.7	27	25.7	0	0.0	34	6.7
81 to 90	0	0.0	0	0.0	10	9.5	0	0.0	10	2.0
> 90	0	0.0	0	0.0	1	1.0	0	0.0	1	0.2
No birth year available	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gender										
Female	0	0.0	273	67.7	49	46.7	0	0.0	322	63.1
Male	0	0.0	130	32.3	56	53.3	2	100.0	188	36.9
Medical school graduate type										
AMG	0	0.0	325	80.6	80	76.2	2	100.0	407	79.8
IMG	0	0.0	78	19.4	25	23.8	0	0.0	103	20.2

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates ever certified in Pediatric Rheumatology since certification was first awarded in 1992 (n=510).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

**Table 4.15.2. All Pediatric Rheumatology Subspecialists Ever Certified, Age 70 and Under:
Distribution of Certificate Status by Demographics**

Variables	Certificate status									
	Permanent (n=0)		Time-limited/ no end date (n=396)		Lapsed (n=67)		Revoked (n=2)		Total (n=465)	
	n	%	n	%	n	%	n	%	n	%
Age										
≤ 30	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
31 to 40	0	0.0	104	26.3	0	0.0	0	0.0	104	22.4
41 to 50	0	0.0	168	42.4	11	16.4	1	50.0	180	38.7
51 to 60	0	0.0	65	16.4	19	28.4	0	0.0	84	18.1
61 to 70	0	0.0	59	14.9	37	55.2	1	50.0	97	20.9
Gender										
Female	0	0.0	272	68.7	37	55.2	0	0.0	309	66.5
Male	0	0.0	124	31.3	30	44.8	2	100.0	156	33.5
Medical school graduate type										
AMG	0	0.0	318	80.3	51	76.1	2	100.0	371	79.8
IMG	0	0.0	78	19.7	16	23.9	0	0.0	94	20.2

Source: ABP Certification Management System, data pulled on 03/19/2020.

Sample: All diplomates age 70 and under ever certified in Pediatric Rheumatology since certification was first awarded in 1992 (n=465).

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Percentages in this table are column percentages. Please exercise caution when interpreting the estimates provided. Information on the number of diplomates who are clinically active/inactive, employed full-time, or deceased is unavailable.

Table 4.15.3. US-Based Pediatric Rheumatology Diplomates Ever Certified, Age 70 and Under, and Estimated Number of Children by State, Including Ratios

State	Child population (n)	Subspecialists (n)	Child population per subspecialist	Subspecialists per 100,000 children
Alabama	1,089,820	7	155,688.6	0.6
Alaska	183,816	0	-	-
Arizona	1,642,647	3	547,549.0	0.2
Arkansas	703,180	1	703,180.0	0.1
California	8,989,764	49	183,464.6	0.5
Colorado	1,265,232	7	180,747.4	0.6
Connecticut	735,193	7	105,027.6	1.0
Delaware	203,616	2	101,808.0	1.0
District of Columbia	127,494	2	63,747.0	1.6
Florida	4,229,071	22	192,230.5	0.5
Georgia	2,505,531	8	313,191.4	0.3
Hawaii	303,413	3	101,137.7	1.0
Idaho	446,972	1	446,972.0	0.2
Illinois	2,857,131	11	259,739.2	0.4
Indiana	1,568,130	8	196,016.3	0.5
Iowa	730,767	3	243,589.0	0.4
Kansas	705,961	5	141,192.2	0.7
Kentucky	1,008,829	2	504,414.5	0.2
Louisiana	1,095,916	1	1,095,916.0	0.1
Maine	250,404	2	125,202.0	0.8
Maryland	1,340,148	19	70,534.1	1.4
Massachusetts	1,366,857	26	52,571.4	1.9
Michigan	2,164,668	10	216,466.8	0.5
Minnesota	1,302,615	10	130,261.5	0.8
Mississippi	706,138	3	235,379.3	0.4
Missouri	1,376,751	14	98,339.4	1.0
Montana	229,434	0	-	-
Nebraska	476,841	2	238,420.5	0.4
Nevada	688,997	1	688,997.0	0.1
New Hampshire	258,170	0	-	-
New Jersey	1,953,631	12	162,802.6	0.6
New Mexico	482,153	1	482,153.0	0.2
New York	4,068,092	40	101,702.3	1.0
North Carolina	2,300,622	17	135,330.7	0.7
North Dakota	178,697	1	178,697.0	0.6
Ohio	2,593,325	26	99,743.3	1.0
Oklahoma	956,433	0	-	-
Oregon	873,567	4	218,391.8	0.5
Pennsylvania	2,648,911	26	101,881.2	1.0
Rhode Island	205,202	1	205,202.0	0.5
South Carolina	1,105,655	6	184,275.8	0.5
South Dakota	217,606	0	-	-
Tennessee	1,506,219	6	251,036.5	0.4
Texas	7,398,009	25	295,920.4	0.3
Utah	932,462	6	155,410.3	0.6
Vermont	115,973	2	57,986.5	1.7
Virginia	1,869,737	9	207,748.6	0.5
Washington	1,663,283	15	110,885.5	0.9
West Virginia	364,160	1	364,160.0	0.3
Wisconsin	1,276,101	10	127,610.1	0.8
Wyoming	134,775	0	-	-
Total	73,398,119	437	167,959.1	0.6

Source: ABP Certification Management System, data pulled on 03/19/2020, and the US Census Bureau Population Estimates as of July 1, 2018.

Sample: All US-based Pediatric Rheumatology diplomates ever certified, age 70 and under (n=437), among all diplomates ever certified in Pediatric Rheumatology (n=510). Child population estimates include children age 17 and under.

Response Rate: Not applicable.

Missing Data/Considerations for Interpretation: Caution should be used when interpreting the estimates provided. Of all Pediatric Rheumatology subspecialist diplomates ever certified, 73 (14.3%) were not included in this table. These include the following unduplicated diplomates: diplomates who are older than 70 years of age (45, 8.8%), diplomates whose address data are unavailable (16, 3.1%) and diplomates with an address outside of the 50 US states (12, 2.4%). While included in this table, approximately 14.4% of US-based Pediatric Rheumatology diplomates age 70 and under have lapsed certificates, and 0.4% have had their certifications revoked. When '-' are found in the table for the number of subspecialists per 100K children, the value could not be calculated as there were no subspecialists of this type in the state. State location is determined using the latest mailing address on file. Information on the number of diplomates who are clinically active/inactive, employed part-time/full-time, or deceased is unavailable.

Table 4.15.4 Yearly Count of Pediatric Rheumatology Fellows by Training Levels 1-3 Since 2004 by Demographics

Year	Training Level	Gender				Medical school graduate type				Medical school graduate type by gender				Total fellows n				
		Female		Male		AMG		IMG		AMG/Female		AMG/Male			IMG/Female		IMG/Male	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n
2004	Level 1	9	47.4	10	52.6	17	89.5	2	10.5	8	42.1	9	47.4	1	5.3	1	5.3	19
	Level 2	11	73.3	4	26.7	10	66.7	5	33.3	9	60.0	1	6.7	2	13.3	3	20.0	15
	Level 3	7	53.8	6	46.2	10	76.9	3	23.1	5	38.5	5	38.5	2	15.4	1	7.7	13
	Subtotal	27	57.4	20	42.6	37	78.7	10	21.3	22	46.8	15	31.9	5	10.6	5	10.6	47
2005	Level 1	19	73.1	7	26.9	21	80.8	5	19.2	14	53.8	7	26.9	5	19.2	0	0.0	26
	Level 2	6	42.9	8	57.1	13	92.9	1	7.1	5	35.7	8	57.1	1	7.1	0	0.0	14
	Level 3	11	78.6	3	21.4	10	71.4	4	28.6	9	64.3	1	7.1	2	14.3	2	14.3	14
	Subtotal	36	66.7	18	33.3	44	81.5	10	18.5	28	51.9	16	29.6	8	14.8	2	3.7	54
2006	Level 1	24	80.0	6	20.0	22	73.3	8	26.7	19	63.3	3	10.0	5	16.7	3	10.0	30
	Level 2	17	70.8	7	29.2	20	83.3	4	16.7	13	54.2	7	29.2	4	16.7	0	0.0	24
	Level 3	5	41.7	7	58.3	11	91.7	1	8.3	4	33.3	7	58.3	1	8.3	0	0.0	12
	Subtotal	46	69.7	20	30.3	53	80.3	13	19.7	36	54.5	17	25.8	10	15.2	3	4.5	66
2007	Level 1	13	68.4	6	31.6	15	78.9	4	21.1	10	52.6	5	26.3	3	15.8	1	5.3	19
	Level 2	22	81.5	5	18.5	19	70.4	8	29.6	17	63.0	2	7.4	5	18.5	3	11.1	27
	Level 3	15	68.2	7	31.8	18	81.8	4	18.2	11	50.0	7	31.8	4	18.2	0	0.0	22
	Subtotal	50	73.5	18	26.5	52	76.5	16	23.5	38	55.9	14	20.6	12	17.6	4	5.9	68
2008	Level 1	19	73.1	7	26.9	20	76.9	6	23.1	15	57.7	5	19.2	4	15.4	2	7.7	26
	Level 2	11	61.1	7	38.9	14	77.8	4	22.2	8	44.4	6	33.3	3	16.7	1	5.6	18
	Level 3	22	84.6	4	15.4	20	76.9	6	23.1	18	69.2	2	7.7	4	15.4	2	7.7	26
	Subtotal	52	74.3	18	25.7	54	77.1	16	22.9	41	58.6	13	18.6	11	15.7	5	7.1	70
2009	Level 1	17	65.4	9	34.6	20	76.9	6	23.1	14	53.8	6	23.1	3	11.5	3	11.5	26
	Level 2	19	76.0	6	24.0	20	80.0	5	20.0	15	60.0	5	20.0	4	16.0	1	4.0	25
	Level 3	11	73.3	4	26.7	10	66.7	5	33.3	7	46.7	3	20.0	4	26.7	1	6.7	15
	Subtotal	47	71.2	19	28.8	50	75.8	16	24.2	36	54.5	14	21.2	11	16.7	5	7.6	66
2010	Level 1	20	87.0	3	13.0	14	60.9	9	39.1	12	52.2	2	8.7	8	34.8	1	4.3	23
	Level 2	17	65.4	9	34.6	20	76.9	6	23.1	14	53.8	6	23.1	3	11.5	3	11.5	26
	Level 3	20	74.1	7	25.9	22	81.5	5	18.5	16	59.3	6	22.2	4	14.8	1	3.7	27
	Subtotal	57	75.0	19	25.0	56	73.7	20	26.3	42	55.3	14	18.4	15	19.7	5	6.6	76
2011	Level 1	20	80.0	5	20.0	20	80.0	5	20.0	16	64.0	4	16.0	4	16.0	1	4.0	25
	Level 2	18	85.7	3	14.3	14	66.7	7	33.3	12	57.1	2	9.5	6	28.6	1	4.8	21
	Level 3	16	64.0	9	36.0	20	80.0	5	20.0	14	56.0	6	24.0	2	8.0	3	12.0	25
	Subtotal	54	76.1	17	23.9	54	76.1	17	23.9	42	59.2	12	16.9	12	16.9	5	7.0	71
2012	Level 1	16	69.6	7	30.4	16	69.6	7	30.4	11	47.8	5	21.7	5	21.7	2	8.7	23
	Level 2	20	80.0	5	20.0	20	80.0	5	20.0	16	64.0	4	16.0	4	16.0	1	4.0	25
	Level 3	19	86.4	3	13.6	14	63.6	8	36.4	12	54.5	2	9.1	7	31.8	1	4.5	22
	Subtotal	55	78.6	15	21.4	50	71.4	20	28.6	39	55.7	11	15.7	16	22.9	4	5.7	70
2013	Level 1	15	65.2	8	34.8	18	78.3	5	21.7	11	47.8	7	30.4	4	17.4	1	4.3	23
	Level 2	16	69.6	7	30.4	16	69.6	7	30.4	11	47.8	5	21.7	5	21.7	2	8.7	23
	Level 3	20	83.3	4	16.7	20	83.3	4	16.7	16	66.7	4	16.7	4	16.7	0	0.0	24
	Subtotal	51	72.9	19	27.1	54	77.1	16	22.9	38	54.3	16	22.9	13	18.6	3	4.3	70
2014	Level 1	22	78.6	6	21.4	18	64.3	10	35.7	15	53.6	3	10.7	7	25.0	3	10.7	28
	Level 2	14	63.6	8	36.4	17	77.3	5	22.7	10	45.5	7	31.8	4	18.2	1	4.5	22
	Level 3	15	71.4	6	28.6	15	71.4	6	28.6	11	52.4	4	19.0	4	19.0	2	9.5	21
	Subtotal	51	71.8	20	28.2	50	70.4	21	29.6	36	50.7	14	19.7	15	21.1	6	8.5	71
2015	Level 1	19	79.2	5	20.8	14	58.3	10	41.7	12	50.0	2	8.3	7	29.2	3	12.5	24
	Level 2	22	78.6	6	21.4	18	64.3	10	35.7	15	53.6	3	10.7	7	25.0	3	10.7	28
	Level 3	13	59.1	9	40.9	17	77.3	5	22.7	9	40.9	8	36.4	4	18.2	1	4.5	22
	Subtotal	54	73.0	20	27.0	49	66.2	25	33.8	36	48.6	13	17.6	18	24.3	7	9.5	74
2016	Level 1	22	75.9	7	24.1	21	72.4	8	27.6	17	58.6	4	13.8	5	17.2	3	10.3	29
	Level 2	17	77.3	5	22.7	13	59.1	9	40.9	11	50.0	2	9.1	6	27.3	3	13.6	22
	Level 3	22	78.6	6	21.4	18	64.3	10	35.7	15	53.6	3	10.7	7	25.0	3	10.7	28
	Subtotal	61	77.2	18	22.8	52	65.8	27	34.2	43	54.4	9	11.4	18	22.8	9	11.4	79
2017	Level 1	25	71.4	10	28.6	28	80.0	7	20.0	20	57.1	8	22.9	5	14.3	2	5.7	35
	Level 2	22	75.9	7	24.1	21	72.4	8	27.6	17	58.6	4	13.8	5	17.2	3	10.3	29
	Level 3	16	80.0	4	20.0	12	60.0	8	40.0	11	55.0	1	5.0	5	25.0	3	15.0	20
	Subtotal	63	75.0	21	25.0	61	72.6	23	27.4	48	57.1	13	15.5	15	17.9	8	9.5	84
2018	Level 1	19	67.9	9	32.1	22	78.6	6	21.4	17	60.7	5	17.9	2	7.1	4	14.3	28
	Level 2	24	72.7	9	27.3	26	78.8	7	21.2	19	57.6	7	21.2	5	15.2	2	6.1	33
	Level 3	22	75.9	7	24.1	21	72.4	8	27.6	17	58.6	4	13.8	5	17.2	3	10.3	29
	Subtotal	65	72.2	25	27.8	69	76.7	21	23.3	53	58.9	16	17.8	12	13.3	9	10.0	90
2019	Level 1	20	80.0	5	20.0	18	72.0	7	28.0	14	56.0	4	16.0	6	24.0	1	4.0	25
	Level 2	19	70.4	8	29.6	22	81.5	5	18.5	17	63.0	5	18.5	2	7.4	3	11.1	27
	Level 3	24	72.7	9	27.3	26	78.8	7	21.2	19	57.6	7	21.2	5	15.2	2	6.1	33
	Subtotal	63	74.1	22	25.9	66	77.6	19	22.4	50	58.8	16	18.8	13	15.3	6	7.1	85

Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Levels 1-3 fellows in ACGME-accredited Pediatric Rheumatology programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Levels 1-3 are shown here, as most fellowships are three years in length. However, a few individuals undertake combined fellowship programs that may extend into 4 or 5 years (levels 4 and 5). If applicable, these can be viewed in Table 3.1.

Figure 4.15.2 Yearly Count of First-Year (Level 1) Fellows in Pediatric Rheumatology Programs Since 2004 by Gender

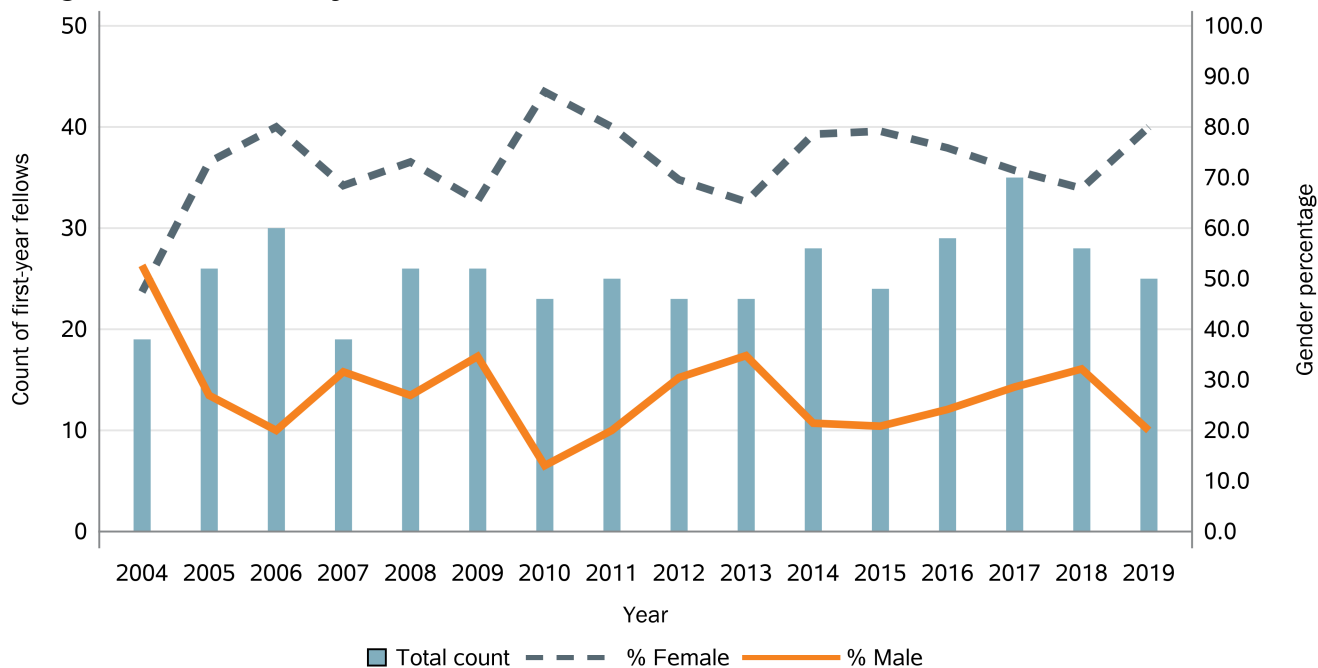
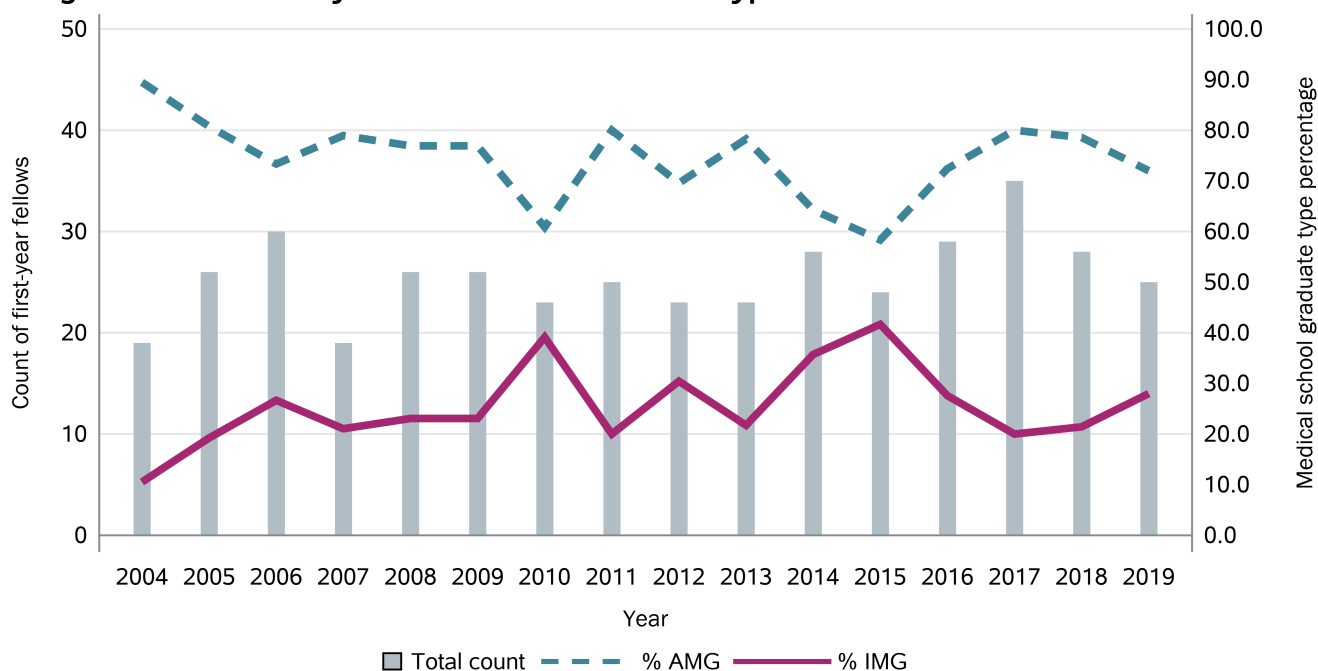


Figure 4.15.3 Yearly Count of First-Year (Level 1) Fellows in Pediatric Rheumatology Programs Since 2004 by Medical School Graduate Type




Source: ABP Certification Management System, data pulled on 11/13/2020. Tracking data submitted annually by program directors.

Sample: Level 1 fellows in ACGME-accredited training programs in the US and Puerto Rico since 2004.

Response Rate: Not applicable.

Missing Data: None.

Considerations for Interpretation: Only level 1 fellows are shown for ease of comparison across fellowship program types. Detailed information can be found in Table 4.15.4.



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