

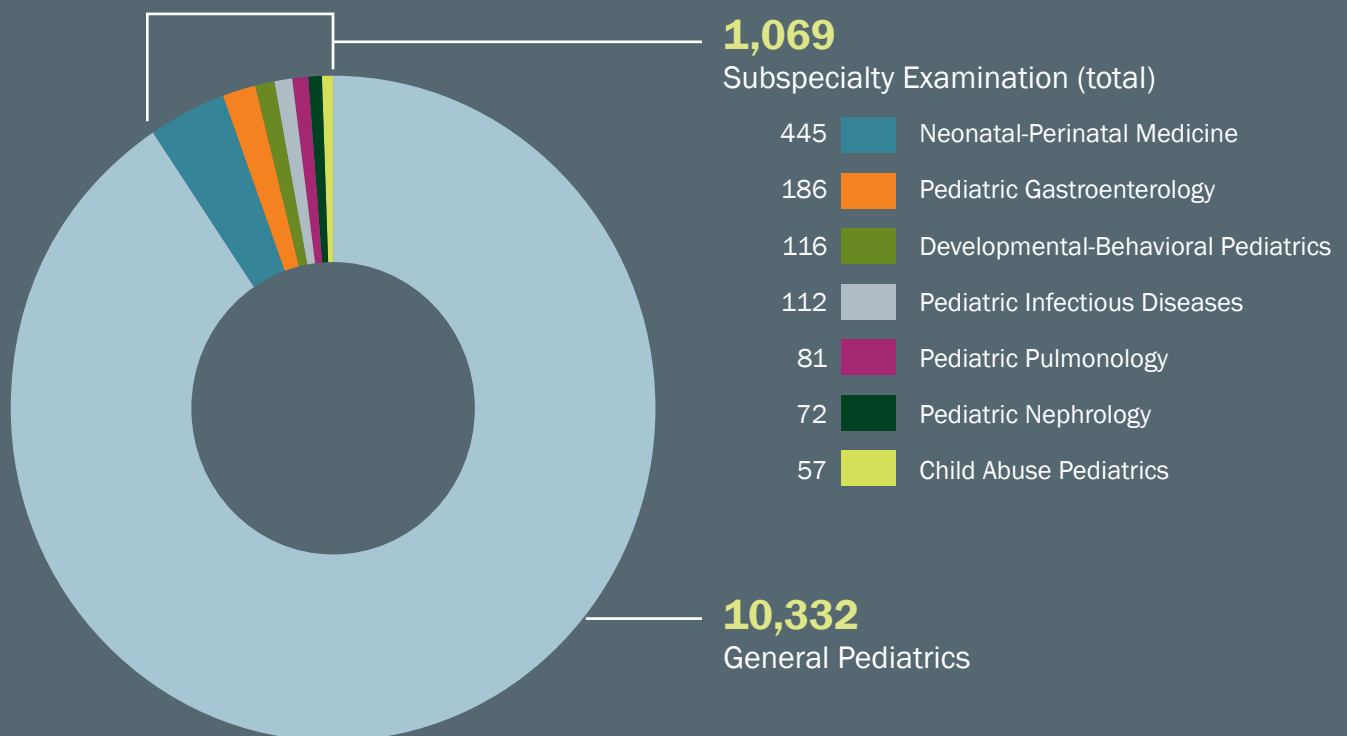


2020

A Brief Review of Participation in MOCA-Peds in 2020

In 2020, the American Board of Pediatrics (ABP) continued the Maintenance of Certification Assessment for Pediatrics (MOCA-Peds) program. MOCA-Peds is an online, non-proctored longitudinal assessment of pediatric medical knowledge developed as an alternative to the proctored exam given in a secure testing center. Achieving a passing score in MOCA-Peds during one's Maintenance of Certification (MOC) cycle meets the Exam requirement (Part 3) and provides Self-Assessment (Part 2) credit.

MOCA-Peds Cognitive Exam (Part 3) Participation by Exam Area*



*Includes MOCA-Peds Exam (Part 3) participants who answered at least 80% of all available questions.
Source: ABP Certification Management System.

More than 15,000 pediatricians were eligible to participate in MOCA-Peds for Part 3 credit in 2020.

- 10,332 pediatricians (67.6% of total eligible) completed 80% or more of available questions in MOCA-Peds for General Pediatrics. This is an increase of over 7,000 from 2019.
- 1,069 pediatric specialists (66.7% of total eligible) completed one of the seven subspecialty examinations available for eligible pediatricians in 2020. There was an increase in 850 participants from 2019 to 2020. See table below for more details. The number of subspecialists participating in subspecialty exams is expected to increase as MOC cycles continue to renew each year and additional subspecialty exams become available.

These statistics do not account for duplications of individuals taking MOCA-Peds in more than one area.

MOCA-Peds Exam (Part 3) Question Completion Rates by Exam Area

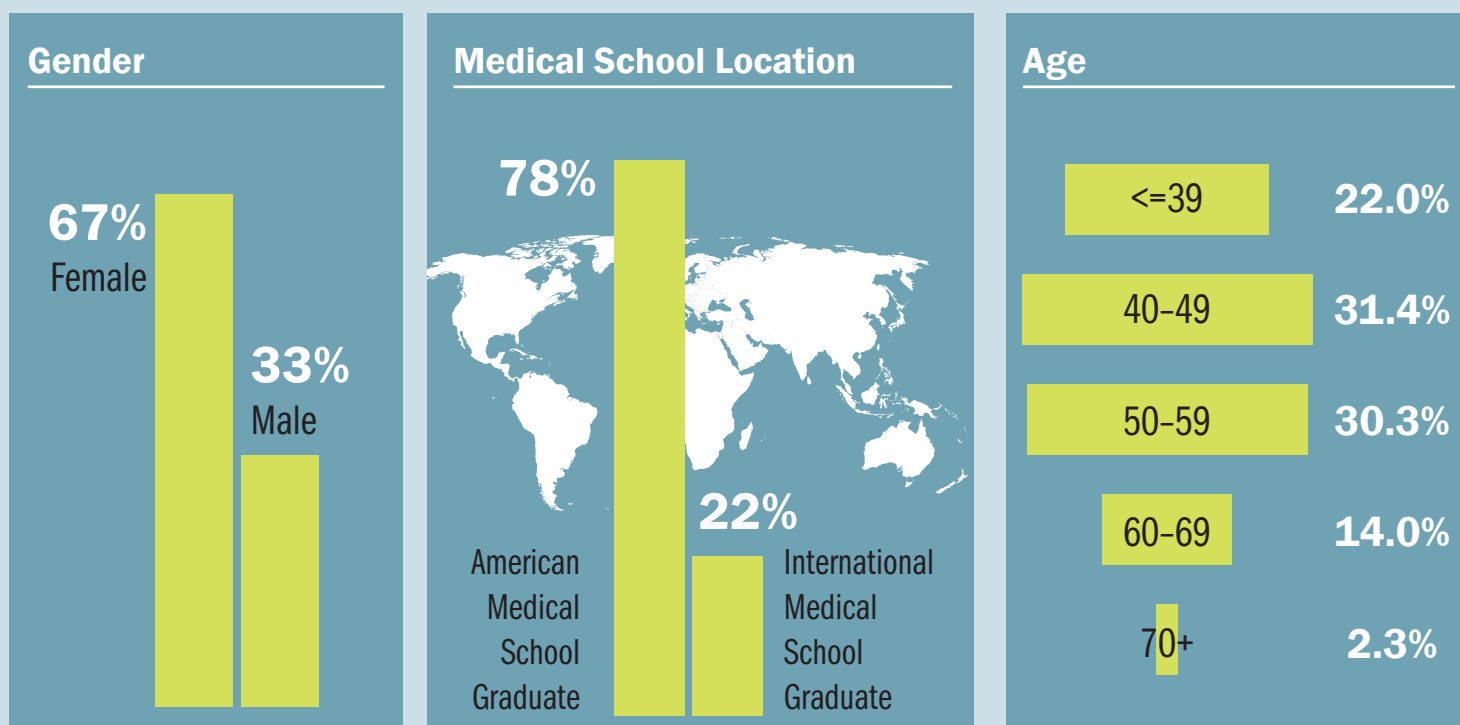
MOCA-Peds was offered across numerous exam areas in 2020 including those certified in General Pediatrics, Child Abuse Pediatrics, Developmental-Behavioral Pediatrics, Neonatal-Perinatal Medicine, Pediatric Gastroenterology, Pediatric Infectious Diseases, Pediatric Nephrology, and Pediatric Pulmonology. Eligibility to participate was determined based on each pediatricians' MOC cycle.

The majority of participants in MOCA-Peds, regardless of all exam areas offered completed 80% or more questions administered in 2020 (see below).

	Exam Area							
	General Pediatrics	Child Abuse Pediatrics	Developmental-Behavioral Pediatrics	Neonatal-Perinatal Medicine	Pediatric Gastroenterology	Pediatric Infectious Diseases	Pediatric Nephrology	Pediatric Pulmonology
Total number eligible to participate	15,285	94	178	632	277	184	109	130
	100%	100%	100%	100%	100%	100%	100%	100%
Answered one or more questions	13,970	78	157	551	243	166	95	113
	91.4%	83.0%	88.2%	87.2%	87.7%	90.2%	87.2%	86.9%
Answered at least 80% of questions	10,332	57	116	445	186	112	72	81
	67.6%	60.6%	65.2%	70.4%	67.1%	60.9%	66.1%	62.3%
Answered all questions	10,083	56	115	438	183	105	72	81
	66.0%	59.6%	64.6%	69.3%	66.1%	57.1%	66.1%	62.3%

Source: ABP Certification Management System.

Participation Demographics: Exam (Part 3)*



* Includes MOCA-Peds Exam (Part 3) participants who answered at least 80% of all available questions.

Source: ABP Certification Management System.

Percent Currently Meeting Passing Standard by Exam Area and Questions Answered

The following figure provides a breakdown of the percent of pediatricians currently meeting the passing standard in MOCA-Peds in 2020 (i.e., achieved a scaled score of 180 or above across all questions that year). **The data reflected below are not the cumulative passing rates for participants, as the exam score will be calculated over a period of four years, with the four lowest-scoring or skipped quarters being dropped automatically for each individual.** Also, if needed, two extra quarters are being dropped from 2020 due to COVID-19.

Percent of questions answered	Exam Area							
	General Pediatrics	Child Abuse Pediatrics	Developmental-Behavioral Pediatrics	Neonatal-Perinatal Medicine	Pediatric Gastro-enterology	Pediatric Infectious Diseases	Pediatric Nephrology	Pediatric Pulmonology
Answered at least 80% of questions	93%	96%	100%	99%	92%	95%	96%	90%
Answered all questions	95%	98%	100%	99%	93%	95%	96%	90%

Source: ABP Certification Management System.

Includes all MOCA-Peds participants answering at least 80% of their MOCA-Peds questions.

More information about scoring can be found at: www.abp.org/mocapeds/moca-peds-scoring.

Feedback

Survey respondents were asked to provide their level of agreement with a series of items designed to gather feedback on pediatricians' experience with MOCA-Peds, including question difficulty and relevance.

Question difficulty was appropriate.

N = 9,147



Questions assessed my clinical judgment, going beyond factual recall.

N = 9,147



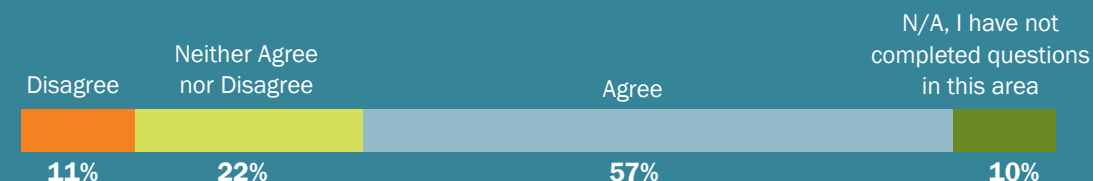
I had enough time to answer each question.

N = 9,147



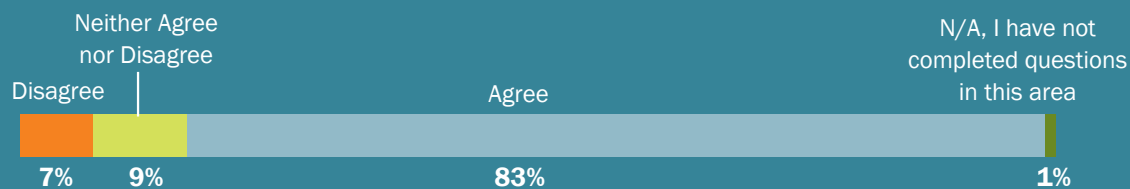
Featured readings were a valuable part of the learning experience in MOCA-Peds in 2020.

N = 9,147



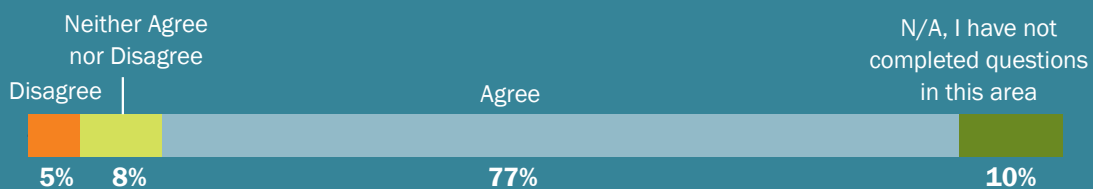
Questions in the General Pediatrics version of MOCA-Peds were relevant to General Pediatrics.

N = 9,147



Questions in the subspecialty version(s) of MOCA-Peds were relevant to my subspecialty.

N = 1,114



Questions in MOCA-Peds were relevant to my practice.

N = 11,401

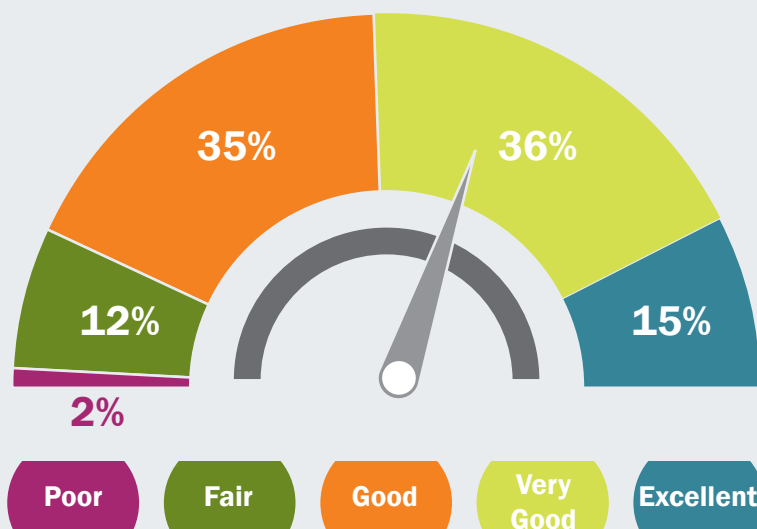


NOTE: The survey response scale has been collapsed to a 3-point scale with Disagree comprised of the responses of Strongly Disagree and Disagree, and Agree comprised of Agree and Strongly Agree. The figure includes data from survey respondents who completed all quarters in MOCA-Peds and were participating for Part 3 credit, regardless of their exam area.

Overall Quality of the Questions in MOCA-Peds

Survey respondents were asked to rate the overall quality of MOCA-Peds questions based on their experience participating in 2020.*

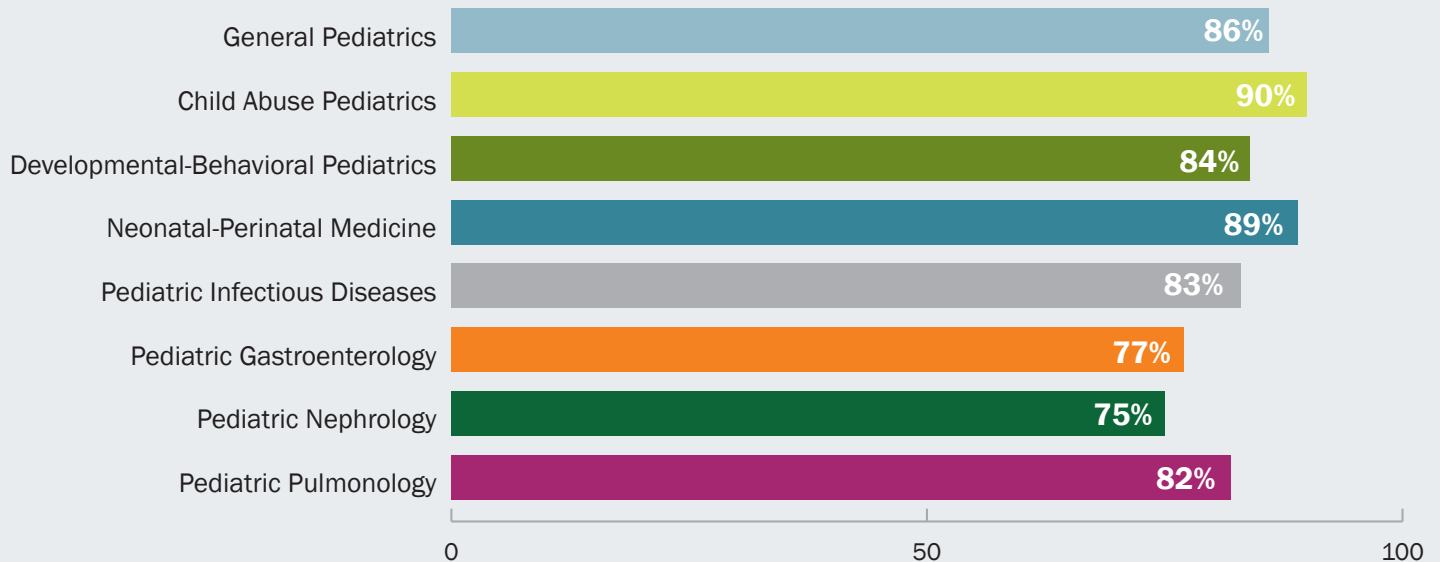
The majority of respondents (51%) indicated the quality of questions was “Very Good” or “Excellent,” with more than 86% indicating MOCA-Peds questions were “Good” or better.



* Includes data from survey respondents who were participating for Part 3 credit in any practice area. Data from General Pediatrics and subspecialty exam participants are presented in aggregate.

Quality of the Questions in MOCA-Peds by Exam Area

Survey respondents were asked to rate the overall quality of MOCA-Peds questions based on their experience participating in 2020. Below, we have categorized responses by each participant's exam area.*



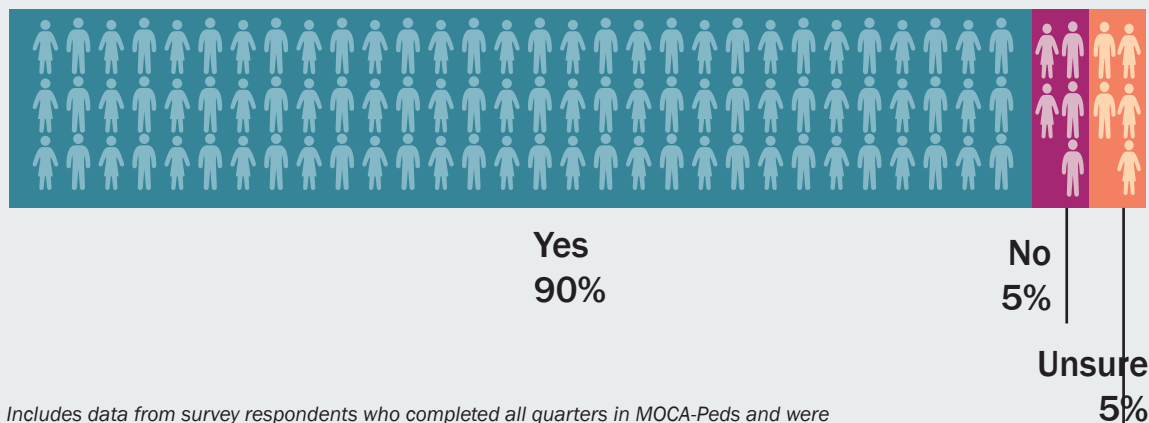
* Includes data from survey practice area respondents who were participating for Part 3 credit by exam area. Data presented show the percentage of participants by each exam area who indicated the quality of the exam was "Good", "Very Good", or "Excellent." The percentage for General Pediatrics was calculated from those only participating in the General Pediatrics exam for mutually exclusive groups. Given the small samples sizes, results for those taking more than one subspecialty are not included here.

Learning and Applying Knowledge

Survey respondents were asked if they learned, refreshed, or enhanced their knowledge from participation in MOCA-Peds in 2020. A follow-up question was then asked to gauge if and how pediatricians were able to apply what they learned to their clinical practice.

Did you learn, refresh, or enhance your medical knowledge based on participating in MOCA-Peds in 2020?

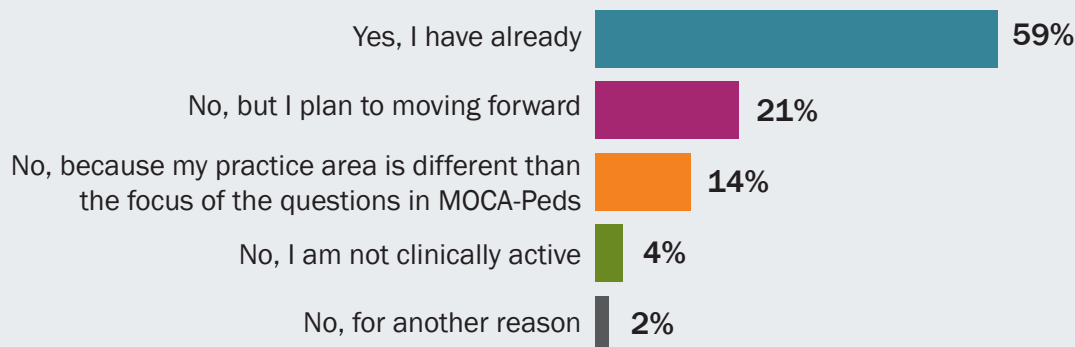
The majority of respondents (90%) indicated they had learned, refreshed, or enhanced their medical knowledge as a result of participating in MOCA-Peds.*



* Includes data from survey respondents who completed all quarters in MOCA-Peds and were participating for Part 3 credit, regardless of exam area. Data from General Pediatrics and subspecialty exam participants are presented in aggregate due to small sample sizes in some subspecialties.

Were you able to apply any of what you learned from MOCA-Peds in 2020 to your clinical practice?

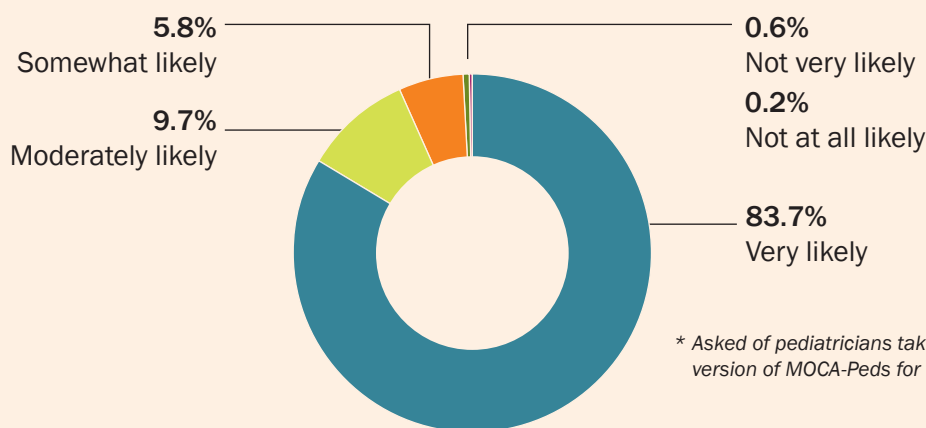
The majority of survey respondents indicated they had either already applied what they had learned from MOCA-Peds to their clinical practice (59%), or they planned to do so (21%) moving forward.*



* Includes data from survey respondents who were participating for Part 3, regardless of exam areas and indicated they had learned from MOCA-Peds in a previous question (n=8,259). Data from General Pediatrics exam and subspecialty participants are presented in aggregate due to small sample sizes in some subspecialties.

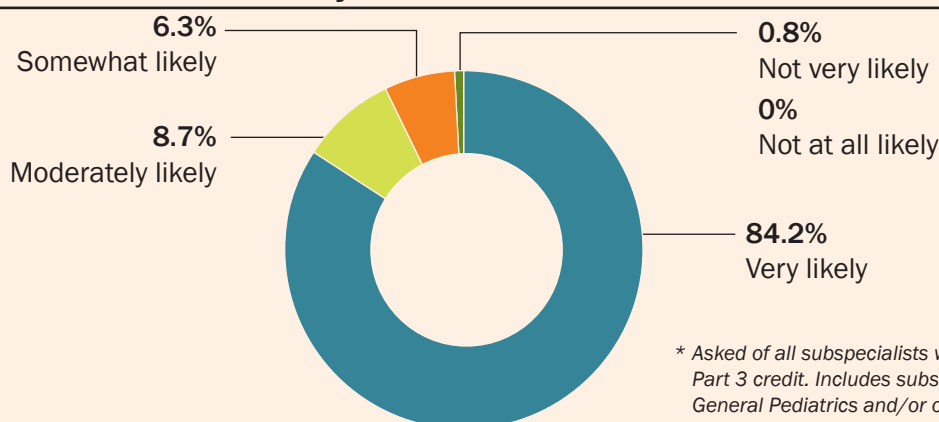
Plans for the Future

How likely are you to continue with MOCA-Peds to maintain your General Pediatrics certification this MOC cycle?*



* Asked of pediatricians taking the General Pediatrics version of MOCA-Peds for Part 3 credit (n=8,656)

How likely are you to continue with MOCA-Peds to maintain your subspecialty certification this MOC cycle?*

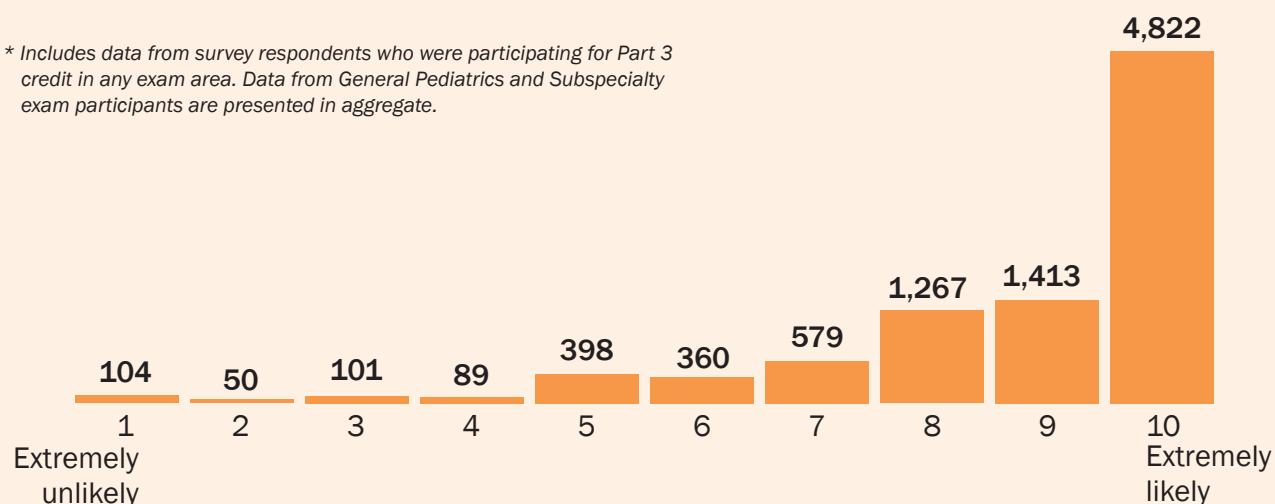


* Asked of all subspecialists who were participating in MOCA-Peds for Part 3 credit. Includes subspecialists participating in MOCA-Peds for General Pediatrics and/or one of seven subspecialty versions (n=929)

How likely are you to recommend MOCA-Peds to a fellow pediatrician?

Survey respondents were asked to rate, on a scale from 1 to 10, where 1 = “Extremely unlikely” and 10 = “Extremely likely,” how likely they would be to recommend MOCA-Peds to a fellow pediatrician. The majority indicated that they would be “Extremely likely” to recommend MOCA-Peds to a fellow pediatrician.*

* Includes data from survey respondents who were participating for Part 3 credit in any exam area. Data from General Pediatrics and Subspecialty exam participants are presented in aggregate.



Part 2

How many participated in MOCA-Peds for Self-Assessment (Part 2) credit

Lifelong Learning and Self-Assessment (Part 2) of MOC is designed to help pediatricians assess and enhance the clinical knowledge and skills that are important to their individual practices, using activities developed by the ABP and other organizations.

Though MOCA-Peds’ primary goal is to fulfill the Exam (Part 3) requirement, pediatricians can participate in MOCA-Peds solely for the purpose of Part 2 credit and receive up to five points a year per exam areas (25 points over the five-year MOC cycle) toward their Part 2 requirement.

Over 2,000 pediatricians participated in MOCA-Peds for Part 2 credit in 2020, completing at least 80% of all available questions (General Pediatrics = 2,182; Child Abuse Pediatrics = 4; Developmental-Behavioral Pediatrics = 4; Neonatal-Perinatal Medicine = 65; Pediatric Gastroenterology = 41; Pediatric Infectious Diseases = 23; Pediatric Nephrology = 9; Pediatric Pulmonology = 13).

Part 2 for General Pediatrics	N	%
Number eligible*	13,040	100%
Answered no questions	8,317	63.8%
Answered one or more questions	4,723	36.2%
Answered at least 80% of questions	2,182	16.7%
Answered all questions	2,092	16.0%

Source: ABP Certification Management System.

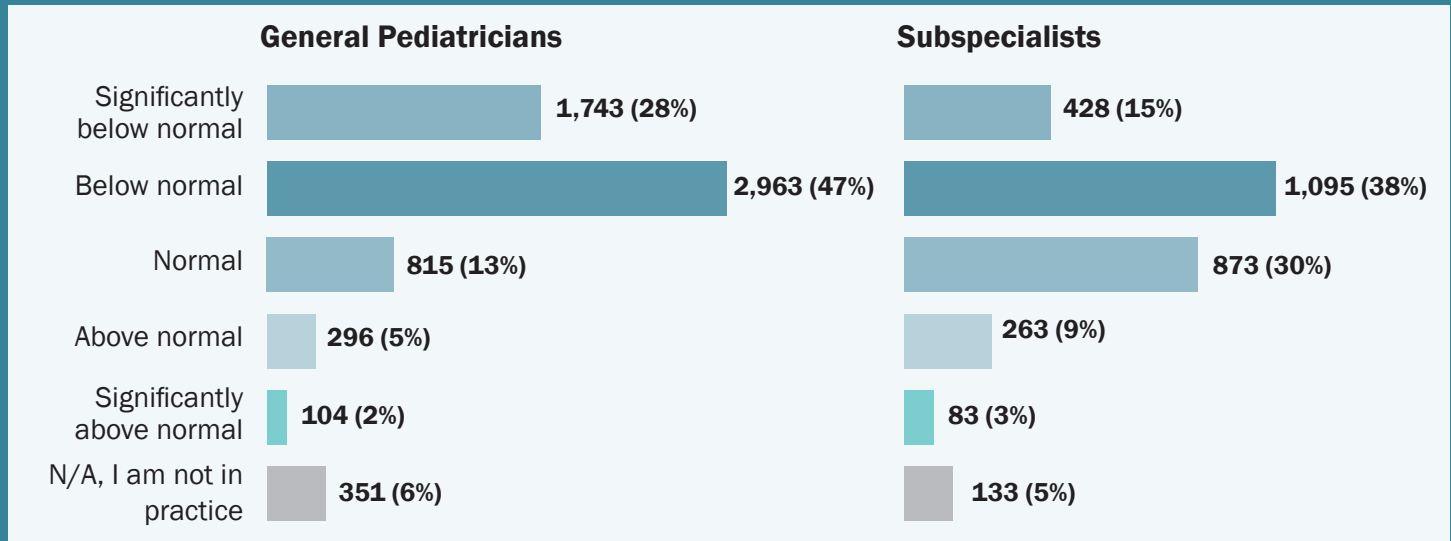
* Those listed here participated for Self-Assessment (Part 2) credit only and is a separate group from the prior tables where participation for the Exam (Part 3) is displayed. These individuals were not yet eligible to begin their MOCA-Peds Exam for Part 3 credit in 2020.

COVID-19 Impact

While not a part of MOCA-Peds, the COVID-19 pandemic has affected pediatricians' lives this past year. This year's survey asked a few questions about COVID-19's impact. Results are below:

Differences in Overall Patient Volume in 2020 Compared to 2019

Overall, pediatricians reported below normal to significantly below normal patient volume in 2020 as compared to 2019. This was particularly true for general pediatricians who reported a greater drop in patient volumes during the pandemic.*



* The information shown here includes data from survey respondents participating in MOCA-Peds for Part 3 credit for any exam available in 2020 (9,147). Source: MOCA-Peds 2020 End-of-Year Survey.

Differences in Overall Patient Volume in 2020 Compared to 2019 by Subspecialty

Subspecialists varied with respect to the impact of the pandemic. This likely reflects practice locations for these subspecialties and the impacts of patient safety measures on patient access during the pandemic.*

	Child Abuse Pediatrics		Developmental-Behavioral Pediatrics		Neonatology-Perinatal Medicine		Pediatric Infectious Diseases		Pediatric Gastroenterology		Pediatric Nephrology		Pediatric Pulmonology	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Significantly below normal	7	13%	12	9%	33	7%	18	16%	10	6%	5	7%	22	24%
Below normal	29	56%	42	32%	108	22%	36	31%	85	52%	28	38%	46	51%
Normal	8	15%	48	37%	240	49%	28	24%	49	30%	26	36%	15	16%
Above normal	1	2%	13	10%	67	14%	16	14%	11	7%	9	12%	2	2%
Significantly above normal	3	6%	3	2%	15	3%	5	4%	2	1%	2	3%	-	-
N/A, I am not in practice	4	8%	12	9%	25	5%	13	11%	7	4%	3	4%	6	7%

* The information shown here includes data from survey respondents participating in MOCA-Peds for Part 3 credit for any subspecialty exam available in 2020 (1,114). Source: MOCA-Peds 2020 End-of-Year Survey.

What changes have you made in your practice in 2020 because of the COVID-19 pandemic?

Major themes reported in responses from pediatricians completing the end-of-year 2020 survey are captured in sample quotes below.



“Proper isolation and PPE techniques.”

“Our teaching clinic has started virtual visits. We have had to re-schedule residents and students to maintain safe distancing practices.”

“Telemedicine; reduced sick visits.”

“Limited patient contact. Less trainees.”

“Only seeing well children in office. All sick visits done by video.”

“We are taking care of Covid patients and spending a great deal of time counseling those families. Telehealth is new for our practice since March of 2020.”

“Work in pediatric ED. Have decreased number of shifts per day. Volumes at 50% of normal.”

How has COVID-19 impacted your learning in 2020?

Major themes reported in the responses from pediatricians completing the end-of-year 2020 survey are captured in sample quotes below.



“It has not had an impact for me.”

“I am not motivated and probably depressed.”

“It has been a disaster. I usually have no problem with CME but so many things personal and professional that I am not coping very well in 2020.”

“Decreased availability of CME.”

“No in-person learning.”

“Awkward to utilize video related conferences as opposed in-person interactive experiences.”

“I have learned more this year than at baseline.”

“Huge negative impact. Every clinical care event takes much longer. Messaging has tripled in terms of time spent after hours.”

Data presented are from the ABP Certification Management System and the 2020 MOCA-Peds End-of-Year Survey.

For questions about MOCA-Peds, please contact mocapeds@abpeds.org.

For questions about the survey research, please contact research@abpeds.org.



THE AMERICAN BOARD of PEDIATRICS
Certifying excellence in pediatrics – for a healthier tomorrow

Developed in collaboration
with RTI International

