



Association
of Pulmonary and
Critical Care Medicine
Program Directors

2023

Fellowship Program Benchmarking Survey Results

2023 Survey

Survey Open January 9 - February 13, 2024

Distributed to 295 Pulmonary, Critical Care, and PCCM Program Directors

Response rate: n = 113 (40%)

Completion rate: n = 91 (80%)

2022 Survey

Survey Open January 13 - February 13, 2023

Distributed to 234 Pulmonary, Critical Care, and PCCM Program Directors

Response rate: n = 107 (59%)

Completion rate: n = 100 (93%)

2021 Survey

Survey Open December 18, 2021 - February 15, 2023

Distributed to 234 Pulmonary, Critical Care, and PCCM Program Directors

Response rate: n = 137 (59%)

Completion rate: n = 107 (78%)

2020 Survey

Survey Open December 21, 2020 - February 1, 2021

Distributed to 245 Pulmonary, Critical Care, and PCCM Program Directors

Response rate: n = 129 (53%)

Completion rate: n = 107 (83%)

2019 Survey

Survey Open February 3 - February 21, 2020

Distributed to 237 Pulmonary, Critical Care, and PCCM Program Directors

Response rate: n = 116 (49%)

Completion rate: n = 104 (90%)

SECTION 1: PROGRAM CHARACTERISTICS & LEADERSHIP

1. Please indicate which type of fellowship program(s) you direct, as designated by the ACGME. If you direct a PCCM program with a pulmonary or CCM track available within that program, select combined PCCM only. If the ACGME officially recognizes multiple programs (NOT tracks), select all that apply (choose all that apply)

	2019	2020	2021	2022	2023
	120 (100%)	129 (100%)	137 (100%)	107 (100%)	113 (100%)
a. Pulmonary and Critical Care Medicine (PCCM)	95 (80%)	103 (80%)	105 (77%)	84 (79%)	88 (79%)
b. Critical Care Medicine ONLY	18 (15%)	18 (14%)	27 (20%)	16 (15%)	23 (21%)
c. Pulmonary Medicine ONLY	7 (7%)	8 (6.2%)	5 (3.6%)	7 (6%)	2 (2%)

Display if PCCM is selected as "Yes" in Q 1.

2. As a combined PCCM fellowship, do you ever offer occasional positions for CCM?

Response	2023
	81 (100%)
a. No	35 (43%)
b. Yes	22 (27%)
c. Always, we have a separate CCM only fellowship	24 (30%)

3. Which type of institution is your primary fellowship site affiliated with?

Response	2023
	103
a. University affiliated	81 (79%)
b. Community affiliated	14 (14%)
c. Military affiliated	0 (0%)
d. VA affiliated	0 (0%)
e. Community, but not university affiliated	3 (3%)
f. Other, please indicate	5 (5%)

4. How many graduates did you have in 2023?

	2019	2020	2021	2022	2023
Number of Graduates					
0	8 (7%)	11 (10%)	8 (7%)	11 (10%)	6 (6%)
1	5 (5%)	4 (4%)	4 (3%)	6 (5%)	6 (6%)
2	19 (18%)	18 (16%)	17 (14%)	14 (13%)	21 (21%)
3	16 (15%)	12 (11%)	24 (20%)	17 (16%)	10 (10%)
4	18 (17%)	19 (16%)	22 (18%)	15 (14%)	16 (16%)
5	10 (10%)	14 (12%)	14 (12%)	12 (11%)	8 (8%)
6	12 (11%)	12 (11%)	7 (6%)	8 (8%)	10 (10%)
7	9 (8%)	10 (9%)	6 (5%)	6 (6%)	7 (7%)
8	6 (6%)	6 (5%)	9 (8%)	10 (9%)	14 (14%)
9	4 (4%)	1 (1%)	4 (3%)	1 (1%)	1 (1%)
10	0	1 (1%)	2 (2%)	2 (2%)	2 (2%)
11	1 (1%)	0	3 (3%)	1 (1%)	1 (1%)
12	0	5 (4%)	0	0	1 (1%)
13	0	0	0	1 (1%)	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	2 (2%)	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
>20	0	0	0	1 (1%)	0
Total	106 (100%)	112 (100%)	120 (100%)	106 (100%)	0

5. As of July 1, 2023, what is the total number of Fellows in each of the following groups, excluding sub-sub-specialty fellows (e.g. IP and transplant fellows):

# of Fellows		0	1	2	3	4	5	6	7	8	9
Year 1	2019	3 (3%)	6 (6%)	16 (15%)	19 (18%)	18 (17%)	14 (13%)	6 (6%)	9 (8%)	11 (10%)	4 (4%)
	2020	2 (2%)	5 (5%)	12 (12%)	12 (15%)	25 (22%)	15 (13%)	11 (10%)	9 (8%)	9 (8%)	3 (3%)
	2021	2 (2%)	7 (6%)	16 (13%)	19 (6%)	26 (22%)	12 (10%)	13 (11%)	5 (4%)	10 (8%)	1 (1%)
	2022	3 (3%)	1 (1%)	26 (25%)	13 (12%)	17 (16%)	11 (10%)	11 (10%)	9 (9%)	8 (8%)	4 (4%)
	2023	1 (1%)	6 (6%)	18 (18%)	15 (15%)	20 (20%)	9 (9%)	8 (8%)	12 (12%)	7 (7%)	6 (6%)
Year 2	2019	3 (3%)	5 (5%)	18 (17%)	17 (16%)	20 (19%)	10 (9%)	9 (9%)	12 (11%)	9 (9%)	0
	2020	5 (5%)	5 (5%)	12 (11%)	20 (18%)	27 (25%)	12 (11%)	10 (9%)	5 (4%)	8 (7%)	4 (4%)
	2021	6 (5%)	3 (3%)	15 (13%)	20 (17%)	26 (22%)	19 (16%)	6 (5%)	5 (4%)	8 (6%)	4 (3%)
	2022	7 (6%)	3 (3%)	21 (20%)	17 (16%)	21 (20%)	9 (8%)	12 (11%)	4 (3%)	10 (9%)	1 (1%)
	2023	7 (7%)	0	26 (25%)	11 (11%)	17 (17%)	7 (7%)	9 (9%)	14 (14%)	9 (9%)	11 (11%)
Year 3	2019	7 (8%)	5 (5%)	13 (14%)	16 (17%)	18 (19%)	11 (11.8%)	12 (13%)	7 (8%)	4 (4%)	0
	2020	9 (9%)	2 (2%)	11 (11%)	12 (13%)	26 (27%)	9 (9%)	13 (13.5%)	6 (6%)	5 (5%)	2 (2%)

	2021	7 (7%)	1 (1%)	9 (10%)	18 (18%)	25 (26%)	9 (9%)	15 (15%)	8 (8%)	2 (2%)	1 (1%)
	2022	28 (28%)	2 (2%)	13 (12%)	9 (8%)	18 (17%)	13 (12%)	9 (8%)	13 (12%)	1 (1%)	1 (1%)
	2023	26 (26%)	0	14 (14%)	6 (6%)	13 (13%)	16 (16%)	14 (14%)	9 (9%)	3 (3%)	2 (2%)
Beyond Year 3 (e.g Research Fellows)	2019	45 (69%)	8 (12%)	6 (9%)	1 (2%)	0	2 (3%)	1 (2%)	0	0	0
	2020	47 (77%)	3 (5%)	2 (3%)	2 (3%)	4 (7%)	2 (3%)	0	0	0	0
	2021	41 (70%)	10 (17%)	0	5 (9%)	0	1 (2%)	0	0	1 (2%)	0
	2022	85 (80%)	9 (8%)	5 (5%)	2 (2%)	3 (3%)	1 (1%)	1 (1%)			
	2023	78	10	7 (7%)	4 (4%)	2 (2%)	0	0	0	8	0

# of Fellows		10	11	12	13	14	15	16	17	18	19	20	>21
Year 1	2019	1 (1%)	1 (1%)	0	0	0	0	0	0	0	0	0	0
	2020	1 (1%)	1 (1%)	0	1 (1%)	0	0	0	0	0	0	0	0
	2021	7 (6%)	2 (2%)	0	0	0	0	0	0	0	0	0	0
	2022	1 (1%)	1 (1%)	1 (1%)	0	0	0	0	1 (1%)	0	0	0	0
	2023	1 (1%)	0	0	0	0	0	0	0	0	0	0	0
Year 2	2019	3 (3%)	0	0	0	0	0	0	0	0	0	0	0
	2020	1 (1%)	1 (1%)	0	0	0	0	0	0	0	0	0	0
	2021	3 (3%)	2 (2%)	0	0	0	0	0	0	0	0	0	0
	2022	1 (1%)	1 (1%)	0	0	0	0	0	0	0	0	0	0
	2023	2 (2%)	0	0	0	0	0	0	0	0	0	0	0
Year 3	2019	0	0	0	0	0	0	0	0	0	0	0	0
	2020	0	0	0	0	0	0	0	0	0	0	0	0
	2021	2 (2%)	1 (1%)	0	0	0	0	0	0	0	0	0	0
	2022	0	0	0	0	0	1 (1%)	0	0	0	0	0	0
	2023	0	0	0	0	0	0	0	0	0	0	0	0
Beyond Year 3 (e.g Research Fellows)	2019	1 (2%)	0	1 (2%)	0	0	0	0	0	0	0	0	0
	2020	0	1 (2%)	0	0	0	0	0	0	0	0	0	0
	2021	0	0	0	0	1 (2%)	0	0	0	0	0	0	0
	2022	0	0	0	0	0	0	0	0	0	0	0	0
	2023	0	0	0	0	0	0	0	0	1	0	0	0

6. Mark the one response that best reflects your CURRENT allocated salary support (also referred to as release or protected time) as Program Director for non-clinical, administration of the fellowship program?

	2022	2023
	107	98
a. Less than 19%	19 (18%)	13 (13%)
b. 20-24%	22 (21%)	22 (22%)
c. 25-29%	22 (21%)	11 (11%)
d. 30-34%	20 (19%)	15 (15%)
e. 35-39%	7 (7%)	6 (6%)
f. 40-44%	9 (8%)	13 (13%)
g. 45-49%	4 (3%)	9 (9%)
h. >50%	4 (3%)	9 (9%)

7. Regarding your response to the previous item 5, to what extent does it meet the ACGME guidelines for support?

The ACGME Program Requirements for Graduate Medical Education in Pulmonary Disease; Critical Care Medicine; and Pulmonary Critical Care Medicine is pictured below.

II.A.2. The program director and, as applicable, the program's leadership team, must be provided with support adequate for administration of the program based upon its size and configuration. ^(Core)

II.A.2.a) At a minimum, the program director must be provided with the salary support required to devote 20-50 percent FTE of non-clinical time to the administration of the program. ^(Core)

At a minimum, the program director must be provided with the dedicated time and support specified below for administration of the program. ^(Core)

Number of Approved Fellow Positions	Minimum Support Required (FTE)
<7	.2
7-9	.25
10-12	.3
13-15	.35
16-18	.4
19-21	.45
>21	.5

https://www.acgme.org/globalassets/pfassets/programrequirements/156_pccm_2022v2_tcc.pdf

	Response	Does Not Meet	Meets	Exceeds
2022	107	49 (46%)	45 (42%)	13 (12%)
2023	98	21	75 (75%)	2 (2%)

8. Has your (PD) level of support changed recently due to new ACGME requirements, effective July 1, 2022?

Response	2022	2023
	107 (100%)	98 (100%)
a. No, it has not changed	89 (83%)	61 (61%)
b. Yes, it has decreased	0	4 (4%)
c. Yes, it has increased	18 (9%)	33 (33%)

9. Regarding your response to the previous item (question 5), to what extent do you agree that your current level of support is sufficient for the scope of Program Director responsibilities?

Response	Strongly Disagree	Disagree	Neither Disagree or Agree	Agree	Strongly Agree
2019	16 (15.1%)	33 (31.1%)	16 (15.1%)	28 (26.4%)	13 (12.3%)
2020	15 (13.3%)	31 (27.4%)	19 (16.8%)	38 (33.6%)	10 (8.8%)
2021	35 (29.2%)	35 (29.2%)	15 (12.5%)	38 (31.7%)	13 (10.8%)
2022	9 (8%)	30 (28%)	18 (17%)	39 (36%)	11 (10%)
2023	5 (5%)	38 (38%)	50 (50%)	3 (3%)	2 (2%)

10. Indicate the number of Assistant and/or Associate Program Directors for your fellowship?

Drop down menu with, 0 -5 and >5 If 0 is selected skip to Q.11

	2019	2020	2021	2022	2023
	106 (100%)	113 (100%)	120 (100%)	107	98
0	17 (16.0%)	15 (13.3%)	14 (11.7%)	11 (10%)	4 (4%)
1	53 (50.0%)	59 (52.2%)	55 (45.8%)	58 (54%)	52 (52%)
2	19 (17.9%)	22 (19.5%)	30 (25.0%)	28 (26%)	22 (22%)
3	9 (8.5%)	9 (8%)	10 (8.3%)	4 (4%)	9 (9%)
4	6 (5.7%)	3 (2.7%)	9 (7.5%)	3 (3%)	8 (8%)
5	1 (0.9%)	4 (3.5%)	0.0%	3 (3%)	2 (2%)
>5	1 (0.9%)	1 (0.9%)	2 (1.7%)	0	1 (1%)

11. Mark the one response that best reflects your CURRENT allocated salary support (also referred to as release or protected time) for Associate Program Directors for non-clinical, administration of the fellowship program?

	2022
	94
a. Less than 19%	74 (79%)
b. 20-24%	9 (10%)
c. 25-29%	6 (6%)
d. 30-34%	3 (3%)
e. 35-39%	0
f. 40-44%	2 (2%)
g. 45-49%	0
h. >50%	0

	2023
	94
a. 0	22 (24%)
b. Less than 13%	19 (21%)
c. 13%	4 (4%)
d. 14%	11 (10%)
e. 4%	11 (10%)
f. 16%	3 (3%)
g. 17%	2 (3%)
h. 18%	4 (4%)
i. 19-23%	8 (9%)
j. 24-29%	1 (1%)
k. 30-35%	3 (3%)
l. 35-41%	2 (2%)
m. 42-47%	1 (1%)
n. >=48%	2 (2%)

12. Regarding your response to the previous item 10, to what extent does it meet the ACGME guidelines for support?

The ACGME Program Requirements for Graduate Medical Education in Pulmonary Disease; Critical Care Medicine; and Pulmonary Critical Care Medicine is pictured below.

II.A.2.b)

Programs must appoint at least one of the subspecialty-certified core faculty members to be associate program director(s). The associate program director(s) must be provided with support equal to a dedicated minimum time for administration of the program as follows: ^(Cont)

Number of Approved Fellow Positions	Minimum Support Required (FTE)
<7	.0
7-9	.13
10-12	.14
13-15	.15
16-18	.16
19-21	.17
22-24	.18
25-27	.24
28-30	.30
31-33	.36
34-36	.42
37-39	.48

https://www.acgme.org/globalassets/pfassets/programrequirements/156_pccm_2022v2_tcc.pdf

	Response	Does Not Meet	Meets	Exceeds
2022	94 (100%)	33 (35%)	48 (51%)	13 (14%)
2023	92 (%)	18 (20%)	59 (64%)	15 (16%)

13. Has the level of support for your Associate/Assistant Program Director(s) changed recently due to the new ACGME requirements that were effective as of July 1, 2023?

Response	2022	2023
	94 (100%)	97 (100%)
a. No, it has not changed	76 (81%)	65 (71%)
b. Yes, it has decreased	0	0
d. Yes, it has increased	18 (19%)	27 (29%)

14. Regarding your response to the previous item (question 10), to what extent is the your current level of support sufficient for the scope of APD responsibilities?

	Response	Strongly Disagree	Disagree	Neither Disagree or Agree	Agree	Strongly Agree
2019	89 (100%)	29 (32%)	23 (26%)	20 (23%)	13 (15%)	4 (5%)
2020	95 (100%)	25 (26%)	30 (32%)	17 (18%)	18 (19%)	5 (5%)
2021	100 (100%)	26 (26%)	31 (31%)	13 (13%)	20 (20%)	10 (10%)
2022	94 (100%)	15 (16%)	30 (32%)	17 (18%)	26 (28%)	6 (6%)
2023	92 (100%)	9 (10%)	36 (39%)	43 (47%)	3 (3%)	1 (1%)

15. Mark the one response that best reflects the source of support for the Associate Program Director's administrative responsibilities.

16. Do your Core Faculty receive salary/protected or time support for fellowship responsibilities (e.g., teaching, supervision, advising)?

	2019	2020	2021	2022	2023
	105 (100%)	110 (100%)	113 (100%)	105 (98%)	96 (100%)
a. No	80 (76%)	89 (81%)	86 (76%)	67 (64%)	60 (63%)
b. Yes	21 (20%)	20 (18%)	24 (21%)	35 (33%)	
b. Yes, all my core faculty receive salary/or protected time.					15 (16%)
c. Yes, some of my core faculty receive salary/or protected time.					17 (18%)
d. I don't know	4 (4%)	1 (1%)	3 (3%)	3 (3%)	4 (4%)

17. To what extent do you agree that recruiting and retaining effective Core Faculty for your fellowship program is difficult because of insufficient support (e.g., salary and/or protected or release time) for carrying out fellowship responsibilities?

	Response	Disagree	Neither Disagree or Agree	Agree	Strongly Agree
2019	105 (100%)	17 (16%)	32 (31%)	36 (34%)	14 (13%)
2020	110 (100%)	24 (22%)	33 (30%)	30 (27%)	17 (16%)
2021	113 (100%)	19 (17%)	40 (35%)	33 (29%)	8 (7%)
2022	105 (98%)	19 (18%)	24 (23%)	34 (32%)	21 (20%)
2023	96 (100%)	14 (15%)	26 (27%)	32 (33%)	20 (21%)

18. What is range of total months of protected research time does your program provide fellows for the duration of their training program, excluding an extra research year?

Number of Months	2019		2020		2021		2022		2023	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
0	10 (10%)	6 (6%)	10 (10%)	5 (5%)	8 (7%)	2 (2%)	7 (6%)	4 (4%)	8 (8%)	3 (3%)
1	8 (8%)	1 (1%)	13 (12%)	1 (1%)	4 (4%)	1 (1%)	11 (10%)	1 (1%)	14 (14%)	3 (3%)
2	0	3 (3%)	0	4 (4%)	9 (8%)	3 (3%)	8 (8%)	4 (4%)	7 (7%)	7 (7%)
3	15 (14%)	4 (4%)	21 (19%)	9 (8%)	12 (11%)	4 (4%)	15 (14%)	11 (10%)	7 (7%)	6 (6%)
4	8 (8%)	2 (2%)	4 (4%)	3 (3%)	11 (10%)	5 (5%)	7 (6%)	4 (4%)	8 (8%)	4 (4%)
5	5 (5%)	3 (3%)	3 (3%)	5 (5%)	1 (1%)	2 (2%)	3 (3%)	4 (4%)	3 (3%)	3 (3%)
6	15 (14%)	12 (11%)	18 (16%)	17 (16%)	25 (23%)	16 (14%)	18 (17%)	12 (11%)	16	14
7	1 (1%)	5 (5%)	3 (3%)	2 (2%)	2 (2%)	3 (3%)	2 (2%)	4 (4%)	0	3 (3%)
8	6 (6%)	7 (7%)	5 (5%)	5 (5%)	4 (4%)	8 (7%)	3 (3%)	4 (4%)	5 (5%)	5 (5%)
9	3 (3%)	8 (8%)	4 (4%)	4 (4%)	4 (4%)	7 (6%)	4 (4%)	6 (6%)	3 (3%)	4 (4%)
10	5 (5%)	3 (3%)	3 (3%)	3 (3%)	6 (5%)	5 (5%)	4 (4%)	3 (3%)	4 (4%)	5 (5%)
11	0	2 (2%)	2 (2%)	2 (2%)	4 (4%)	1 (1%)	2 (2%)	1 (1%)	0	0
12	15 (14%)	11 (10%)	12 (11%)	12 (11%)	12 (11%)	15 (14%)	13 (12%)	12 (11%)	11 (11%)	8 (8%)
13	0	1 (1%)	3 (3%)	3 (3%)	0	3 (2.7%)	1 (1%)	1 (1%)	1 (1%)	1 (1%)
14	1 (1%)	5 (5%)	3 (3%)	5 (5%)	1 (0.9%)	3 (2.7%)	2 (2%)	3 (3%)	0	1 (1%)
15	1 (1%)	1 (1%)	2 (2%)	2 (2%)	0	2 (1.8%)	0	1 (1%)	1 (1%)	2 (2%)
16	3 (3%)	4 (4%)	1 (1%)	1 (1%)	1 (0.9%)	0	2 (2%)	3 (3%)	3 (3%)	3 (3%)
17	2 (2%)	0	1 (1%)	1 (1%)	8 (7.2%)	2 (1.8%)	2 (2%)	0	1 (1%)	1 (1%)
18	7 (7%)	21 (20%)	22 (20%)	22 (20%)	4 (4%)	2 (2%)	3 (3%)	22 (21%)	3 (3%)	17 (17%)
>18	0	6 (5.7%)	4 (3.6%)	4 (3.6%)	0	6 (5.5%)	0	4 (4%)	1 (1%)	6 (6%)
Total	105 (100%)	105 (100%)	110 (100%)	110 (100%)	111 (100%)	110 (100%)	105 (98%)	105 (98%)	96 (100%)	96 (100%)

19. What % of fellows extend their fellowship beyond three years for additional research training.

	2019	2020	2021	2022	2023
Total	105 (100%)	110 (100%)	113 (100%)	105 (98%)	96 (100%)
a. None	69 (66%)	71 (65%)	72 (64%)	73 (70%)	64 (67%)
b. 1-25%	26 (25%)	28 (6%)	32 (28%)	21 (20%)	24 (25%)
c. 26-50%	3 (3%)	2 (2%)	2 (2%)	3 (3%)	3 (3%)
d. 50-75%	2 (2%)	4 (4%)	4 (4%)	5 (5%)	4 (4%)
e. 76-99%	5 (5%)	4 (4%)	1 (1%)	3 (3%)	1 (1%)
f. 100%	0	1 (2%)	1 (1%)	0	0 (0%)
g. All fellows are required to do an additional research year	0	0	1 (0.9%)	0	0 (0%)

SECTION 2: ICU STAFFING

The items in this section pertain to required, in-house ICU responsibilities, excluding any elective moonlighting.

20. For each training year, select the response that best estimates the typical total nights of fellows' required in-house ICU coverage.

Fellowship Year		0	1-7	8-14	15-21	22-28	29-35	36-42	43-48	>48	Total
1	2019	35 (33.3%)	11 (10.5%)	15 (14.3%)	7 (6.7%)	9 (8.6%)	8 (7.6%)	9 (8.6%)	3 (2.9%)	8 (7.6%)	105 (100%)
	2020	28 (25.7%)	12 (11%)	9 (8.3%)	12 (11%)	13 (11.9%)	12 (11%)	12 (11%)	4 (3.7%)	7 (6.4%)	109 (100%)
	2021	29 (25.9%)	8 (7.1%)	11 (9.8%)	14 (14.3%)	8 (7.1%)	16 (14.3%)	15 (13.4%)	3 (2.7%)	6 (5.4%)	112 (100%)
	2022	26 (25%)	11 (10%)	14 (13%)	10 (9%)	17 (16%)	9 (9%)	9 (9%)	5 (5%)	4 (4%)	104 (97%)
	2023	21	7	12	11	11	15	5	6	8	96
2	2019	28 (26.7%)	12 (11.4%)	16 (15.2%)	12 (11.4%)	12 (13.3%)	10 (9.5%)	7 (6.7%)	1 (1%)	5 (4.8%)	105 (100%)
	2020	33 (30.3%)	11 (10.1%)	10 (9.2%)	13 (11.9%)	11 (10.1%)	13 (11.9%)	12 (11%)	2 (1.8%)	4 (3.7%)	109 (100%)
	2021	28 (25%)	12 (10.7%)	11 (9.8%)	19 (17%)	16 (14.3%)	15 (13.4%)	9 (8%)	2 (1.8%)	0	112 (100%)
	2022	30 (29%)	11 (10%)	15 (14%)	8 (8%)	17 (16%)	12 (12%)	6 (6%)	1 (1%)	4 (4%)	104 (97%)
	2023	21	11	8	16	19	10	5	2	4	96
3	2019	44 (41.9%)	8 (7.6%)	20 (19%)	11 (10.5%)	11 (10.5%)	10 (9.5%)	2 (1.9%)	1 (1%)	3 (2.9%)	105 (100%)
	2020	43 (39.4%)	12 (11%)	14 (12.8%)	11 (10.1%)	11 (10.1%)	9 (8.3%)	6 (5.5%)	1 (.9%)	2 (1.8%)	109 (100%)
	2021	48 (42.9%)	12 (10.7%)	10 (8.9%)	15 (13.4%)	10 (8.9%)	11 (9.8%)	5 (4.5%)	1 (0.9%)	0	112 (100%)
	2022	43 (41%)	7 (7%)	18 (17%)	9 (9%)	13 (13%)	7 (7%)	2 (2%)	0	5 (5%)	104 (97%)
	2023	43	8	14	9	12	7	3	0	0	96

21. Do fellows receive additional compensation beyond their standard salary for staffing required in-house night shifts?

	2019	2020	2021	2022	2023
Total	105 (100%)	109 (100%)	112 (100%)	104 (97%)	96
a. Not Applicable, my fellows are not required to perform in-house nights. (skip to question 19)	24 (22.9%)	23 (21.1%)	22 (19.6%)	19 (18%)	15 (16%)
b. No	73 (69.5%)	75 (68.8%)	80 (71.4%)	73 (70%)	70 (70%)
c. Yes	8 (7.6%)	11 (10.1%)	10 (8.9%)	12 (12%)	11 (11%)

22. Do fellows take nights without in-house CCM faculty immediately available at any of your sites?

	2023
Total	96
a. Not applicable, my fellows are not required to perform in-house night coverage	15 (16%)
b. No	70 (73%)
c. Yes	11(11%)

22. a. What proportion of the nights do fellows work without any in-house CCM faculty immediately available?

	2023
Total	53
Average	54.79

23. Do faculty receive additional compensation for supervising fellows during required in-house shifts?

	2019	2020	2021	2022	2023
Total	80 (100%)	86 (100%)	90 (100%)	85 (100%)	81(100%)
a. No	70 (87.5%)	74 (86%)	74 (82.2%)	74 (87%)	72 (89%)
b. Yes	10 (12.5%)	12 (14%)	16 (17.8%)	11 (13%)	9 (11%)

SECTION 3: PROCEDURAL COMPETENCY

24. Of your 2022 2023 final-year class, what percentage of fellows met your programs standards for performing each of the procedure below independent and competently by graduation?

Procedure		0	1-25%	26-50%	51-75%	76-99%	100%	Total
23.1. Bedside Tracheostomy	2022	56 (56%)	17 (17%)	1 (1%)	7 (7%)	1 (1%)	18 (18%)	100
	2023	54 (59%)	10 (11%)	9 (10%)	4 (4%)	7 (10%)	9 (10 %)	91
23.2. Critical care ultrasound	2022	4 (4%)	4 (4%)	5 (5%)	4 (4%)	8 (8%)	75 (75%)	100
	2023	6 (7%)	1 (1%)	3 (3%)	7 (8%)	8 (9%)	66 (72%)	91
23.3. EBUS (Display only if PCCM or Pulmonary is selected in Q1)	2022	4 (5%)	9 (10%)	5 (6%)	10 (12%)	10 (12%)	47 (55%)	85
	2023	7 (10%)	4 (6%)	4 (6%)	9 (12%)	10 (13%)	39 (53%)	73
23.4. Insertion of indwelling pleural catheters (i.e. PleurX catheter) (Display only if PCCM or Pulmonary is selected in Q1)	2022	21 (25%)	9 (10%)	11 (13%)	15 (18%)	3 (4%)	26 (30%)	85
	2023	21 (29%)	5 (7%)	11 (15%)	12 (16%)	7 (10%)	17 (23%)	73

24. Please provide the average number of procedures performed during the entire fellowship by your 2023 final-year class.

Number of Procedures	24.1. Bedside Tracheostomy		24.2. EBUS <i>(Display only if PCCM or Pulmonary is selected in Q1)</i>		24.3. Insertion of indwelling pleural catheters (i.e. PleurX catheter)	
	2022	2023	2022	2023	2022	2023
0	32	28	2	6	9	10
1	1	5	0	0	1	2
2	7	7	0	0	8	4
3	7	7	0	0	5	3
4	0	3	0	0	1	0
5	16	9	1	2	15	19
6	2	0	0	0	0	2
7	1	2	0	0	2	3
8	1	6	1	3	4	1
9	0	1	0	0	0	1
10	6	9	1	3	7	13
11	0	0	0	0	0	0
12	2	1	0	0	2	1
13	0	0	0	0	0	0
14	1	0	0	0	0	0
15	4	3	5	1	5	4
16	1	0	0	0	0	0
17	1	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	7	7	4	4	5	3
25	0	4	7	6	4	1
30	2	1	9	8	1	3
35	1	0	2	1	0	0
38	0	0	1	0	0	0
40	0	0	5	10	2	1
45	0	0	1	1	0	0
50	1	1	20	8	1	0
54	0	0	0	1	0	0
55	0	0	1	1	0	0
56	0	0	0	1	0	0
60	1	0	7	2	0	0
70	0	0	1	2	0	0
75	0	0	2	3	0	0
80	0	0	0	3	0	1
90	0	0	0	0	0	0
100	1	0	5	5	1	1
115	0	0	1	0	0	0
117	0	0	1	0	0	0
120	0	0	0	1	0	0
125	0	0	1	0	0	0
150	0	1	2	0	0	0
200	0	0	1	2	0	0

25. For each procedure listed below, mark whether each assessment method (columns) is consistently used to assess fellow competency. (select all that apply)

		Minimum number of procedures performed	Global assessment via reported impressions without direct observation	Global assessment based on a direct observation	Written Knowledge Test	Itemized Observed Performance Checklist
25.1. Bedside Tracheostomy	2019	NA	6 (8.2%)	55 (75.3%)	1 (1.4%)	11 (15.1%)
	2020	52 (34.7%)	6 (4%)	71 (47.3%)	2 (1.3%)	12 (15.7%)
	2021	43 (32.3%)	14 (10.5%)	1 (0.8%)	1 (0.8%)	12 (9%)
	2022	100 (99%)	22 (21%)	66 (65%)	3 (3%)	10 (10%)
	2023	51 (56%)	20 (22%)	58 (64%)	4 (4%)	10 (11%)
25.2. Critical care ultrasound	2019	NA	21 (13.8%)	84 (54.5%)	18 (11.7%)	31 (20.1%)
	2020	48 (22.2%)	15 (6.9%)	90 (47.7%)	23 (10.6%)	40 (18.5%)
	2021	42 (20.1%)	27 (12.9%)	87 (41.6%)	17 (8.1%)	36 (17.2%)
	2022	41 (40%)	30 (30%)	75 (74%)	13 (12%)	38 (37%)
	2023	37 (41%)	33 (36%)	74 (81%)	15 (16%)	26 (29%)
25.3. EBUS (Display only if PCCM or Pulmonary is selected in Q1)	2019	NA	13 (9.4%)	80 (57.2%)	7 (5%)	39 (28.1%)
	2020	68 (29.8%)	14 (6.1%)	91 (39.9%)	15 (6.6%)	14 (6.1%)
	2021	58 (30.4%)	13 (6.8%)	78 (40.8%)	9 (4.7%)	33 (17.3%)
	2022	46 (54%)	12 (14%)	69 (81%)	5 (6%)	29 (34%)
	2023	51 (70%)	12 (16%)	58 (78%)	9 (12%)	21 (29%)
25.4. Insertion of indwelling pleural catheters (i.e. PleurX catheter) (Display only if PCCM or Pulmonary is selected in Q1)	2019	NA	13 (12.9%)	65 (64.4%)	3 (3%)	20 (19.8%)
	2020	54 (32.3%)	12 (7.2%)	77 (46.1%)	3 (1.8%)	12 (7.2%)
	2021	47 (32.2%)	9 (6.2%)	69 (47.3%)	1 (0.7%)	20 (13.7%)
	2022	39 (46%)	81(9%)	70 (82%)	2 (9%)	11 (13%)
	2023	39 (53%)	12 (16%)	55 (75%)	2 (3%)	9 (12%)

26. For each of the procedures listed below, to what extent do you have:

1) sufficient faculty expertise and

2) sufficient dedicated time to teach and supervise your fellows to achieve competent, independent performance

Procedure		Expertise		Time		Total
		No	Yes	No	Yes	
26.1. Bedside Tracheostomy	2019	33 (31%)	71 (68%)	54 (51%)	50 (49%)	104 (100%)
	2020	20 (18%)	89 (82%)	43 (39%)	66 (61%)	109 (100%)
	2021	30 (27%)	80 (73%)	45 (41%)	65 (59%)	110 (100%)
	2022	27 (27%)	73 (73%)	40 (40%)	60 (60%)	100 (100%)
	2023	25 (27%)	66 (73%)	43 (47%)	48 (53%)	91 (100%)
26.2. Critical care ultrasound	2019	7 (7%)	97 (93%)	27 (26%)	77 (75%)	104 (100%)
	2020	10 (9%)	99 (91%)	23 (21%)	86 (79%)	109 (100%)
	2021	12 (11%)	98 (89%)	29 (26%)	81 (74%)	110 (100%)
	2022	9 (9%)	91 (91%)	33 (33%)	66 (66%)	100 (100%)
	2023	7 (8%)	84 (92%)	18 (20%)	73 (80%)	91 (100%)
26.3. EBUS (Display only if PCCM or Pulmonary if selected in Q1)	2019	8 (7%)	96 (93%)	15 (14%)	89 (86%)	104 (100%)
	2020	11 (10%)	98 (90%)	17 (16%)	92 (84%)	109 (100%)
	2021	3 (3%)	90 (97%)	8 (9%)	85 (91%)	93 (100%)
	2022	5 (6%)	80 (94%)	9 (11%)	76 (89%)	85 (100%)
	2023	5 (7%)	68 (93%)	7 (10%)	66 (90%)	73 (100%)
26.4. Insertion of indwelling pleural catheters (i.e. PleurX catheter) (Display only if PCCM or Pulmonary is selected in Q1)	2019	13 (13%)	91 (87%)	34 (33%)	70 (67%)	104 (100%)
	2020	17 (13%)	92 (84%)	28 (26%)	81 (74%)	109 (100%)
	2021	12 (13%)	81 (87%)	21 (23%)	72 (77%)	93 (100%)
	2022	14 (16%)	71 (84%)	25 (30%)	60 (70%)	85 (100%)
	2023	7 (8%)	66 (90%)	22 (30%)	51 (70%)	73 (100%)

27. To what extent do you agree that the ABIM should include Endobronchial Ultrasound-guided biopsy as a required procedure for Pulmonary board eligibility. (Display only if PCCM or Pulmonary is selected in Q1)

	Response	Strongly Disagree	Disagree	Neither Disagree or Agree	Agree	Strongly Agree
2019	104 (100%)	89 (8.7%)	21 (20.2%)	31 (29.6%)	27 (26%)	16 (15.4%)
2020	109 (100%)	14 (12.8%)	29 (26.6%)	24 (22%)	28 (25.7%)	14 (12.8%)
2021	93 (100%)	9 (9.7%)	19 (20.4%)	21 (22.6%)	23 (24.7%)	21 (22.6%)
2022	85 (100%)	14 (12%)	20 (23%)	18 (21%)	20 (24%)	12 (14%)
2023	73 (100%)	9 (12%)	19 (26%)	14 (19%)	18 (25%)	13 (18%)

SECTION 4: EBUS SPECIFIC QUESTIONS (Display only if 1-100% is selected in 19.3)

28. Who trains your fellows in EBUS? (choose one)

	2020	2021	2022	2023
Total Response	81 (100%)	77 (100%)	81 (100%)	66 (100%)
23.1. A board-certified interventional pulmonologist	25 (30.9%)	26 (33.8%)	24 (30%)	19 (29%)
23.2. A non-IP Trained faculty member	16 (19.8%)	12 (15.6%)	16 (20%)	12 (18%)
23.3. Both	40 (49.4%)	39 (50.6%)	41 (51%)	35 (53%)

29. Who assess competency for certification of your fellows in EBUS?

	2020	2021	2022	2023
Total Response	81 (100%)	77 (100%)	81 (100%)	66 (100%)
24.1. A board-certified interventional pulmonologist	30 (37%)	30 (39.0%)	29 (36%)	21 (32%)
24.2. A non-IP Trained faculty member	15 (18.5%)	12 (15.6%)	16 (20%)	12 (18%)
24.3. Both	36 (44.4%)	35 (45.5%)	36 (44%)	33 (50%)

SECTION 5: PULMONARY ARTERY CATHETERIZATION SPECIFIC QUESTIONS

30. Of your 2023 graduating class, how many fellows consistently demonstrated competent and independent performance by year-end for each ability listed below.

Ability		0	1-25%	26-50%	51-75%	76-99%	100%	Total
29.1. Insert a pulmonary artery catheter	2019	28 (27%)	12 (12%)	19 (18%)	10 (10%)	12 (12%)	23 (22%)	104 (100%)
	2020	21 (20%)	22 (20%)	23 (21%)	8 (7%)	6 (5%)	28 (26%)	108 (100%)
	2021	29 (27%)	18 (17%)	16 (15%)	12 (11%)	12 (11%)	22 (20%)	109 (100%)
	2022	27 (27%)	18 (18%)	19 (19%)	6 (6%)	9 (9%)	21 (21%)	100 (100%)
	2023	24 (26%)	19 (21%)	10 (11%)	7 (8%)	5 (5%)	26 (29%)	91 (100%)
29.2. Interpret and apply findings from a pulmonary artery catheter	2019	10 (10%)	2 (2%)	6 (6%)	11 (11%)	11 (11%)	64 (66%)	104 (100%)
	2020	12 (11%)	4 (4%)	8 (7%)	11 (10%)	16 (15%)	57 (53%)	108 (100%)
	2021	9 (8%)	4 (4%)	8 (7%)	15 (14%)	10 (9%)	63 (58%)	109 (100%)
	2022	9 (9%)	6 (6%)	12 (12%)	5 (5%)	11 (11%)	57 (57%)	100 (100%)
	2023	9 (10%)	9 (10%)	7 (8%)	3 (3%)	9 (10%)	54 (59%)	91 (100%)

31. For each of the following clinical/education settings, to what extent do Fellows learn to insert OR interpret pulmonary artery catheters?

Setting		Insert PA catheters	Interpret and apply findings from PA catheters	Not Applicable
31.1 Medical ICU	2019	45	76	17
	2020	63	83	15
	2021	57	88	14
	2022	53	70	20
	2023	53	64	19
31.2 Cardiac ICU	2019	30	56	36
	2020	38	66	31
	2021	32	63	35
	2022	28	59	39
	2023	39	69	20
31.3 Cardiothoracic or other ICU	2019	42	71	26
	2020	41	72	28
	2021	38	78	21
	2022	30	70	29
	2023	40	69	18
31.4 Cath lab or other setting where PH is evaluated	2019	54	68	27
	2020	52	66	27
	2021	53	69	27
	2022	54	65	32
	2023	52	54	30
31.5 Didactic teaching sessions	2019	30	89	10
	2020	35	89	7
	2021	32	96	5
	2022	32	84	15
	2023	28	75	14
31.6 Simulation-based education	2019	14	25	52
	2020	20	30	48
	2021	15	29	53
	2022	16	27	70
	2023	19	27	62
31.7 Other, please describe any other settings in which fellows learn about PA catheters and indicate the frequency of learning opportunities for each setting.	2019	4	6	55
	2020	1	7	50
	2021	2	5	53
	2022	3	1	98
	2023	5	6	84
31.8 None	2019	1	0	49
	2020	1	1	47
	2021	4	1	49
	2022	2	0	99
	2023	6	3	83
Other Specified	2019	<ul style="list-style-type: none"> • PH clinic and PH rotation • Cardiac OR • Surgery OR 	<ul style="list-style-type: none"> • Our fellows go to the Cardiac Surgery OR • pHTN clinic 	
	2020	<ul style="list-style-type: none"> • clinical PH conference (weekly for fellows who elect to attend) • Outpatient right heart cath with PH specialist • pHTN clinic, consults • CT Surgical Operating Room 	<ul style="list-style-type: none"> • CT Surgical Operating Room • pHTN clinic, consults • Outpatient right heart cath with PH specialist • clinical PH conference (weekly for fellows who elect to attend) 	
	2021	<ul style="list-style-type: none"> • ECMO • Heart Failure consults • PH clinic • Pulmonary Vascular Disease Clinics 	<ul style="list-style-type: none"> • Heart Failure consults • PH clinic • Pulmonary Vascular Disease Clinics 	
	2022	<ul style="list-style-type: none"> • SICU/TICU 		
	2023	<ul style="list-style-type: none"> • Lecture format • invasive CPET lab • self-study • ED 		

SECTION 6: FELLOWSHIP APPLICATION and ORIENTATION

32. What would be your preferred interview format for fellowship recruitment? Choose one.

Interview format	2022	2023
Responses	100	91 (100%)
a. Virtual interviews exclusively	34 (34%)	29 (32%)
b. In-person interviews exclusively	18 (18%)	14 (15%)
c. Offer candidates a choice between virtual or in-person interview	13 (13%)	15 (16%)
d. Virtual Interviews with an optional in-person visit	31 (31%)	29 (32%)
e. No preference	3 (3%)	3 (3%)
4 Other (Include Comment box)	1 (1%) Hybrid: screening virtual with highly encouraged in-person	1 (1%) The program chooses if it wants to offer each candidate a virtual or in-person interview.

SECTION 7: DEMOGRAPHICS

34. What is your gender? (Choose one)

	2019	2020	2021	2022	2023
Total	103 (100%)	107 (100%)	109 (100%)	100 (100%)	91 (100%)
a. Male	61 (59%)	62 (58%)	61 (56%)		
a. Cisgender Man				44 (44%)	54 (59%)
b. Transgender Man				1 (1%)	0
b. Female	39 (38%)	42 (39%)	46 (42%)		
c. Cisgender Woman				42 (42%)	31 (34%)
d. Transgender Women				0	1 (1%)
e. Nonbinary/Genderqueer				0	0
f. Prefer not to say	3 (3%)	3 (3%)	2 (2%)	13 (13%)	4 (4%)
g. Prefer to self-describe as:	0	0	0	0	1 (1%)

35. What is your current academic rank? (Choose one)

	2019	2020	2021	2022	2023
Total	103 (100%)	107 (100%)	109 (100%)	100 (100%)	91 (100%)
a. Instructor	2 (2%)	1 (1%)	0	0	0
b. Assistant Professor or equivalent	23 (22%)	19 (18%)	24 (22%)	19 (19%)	23 (25%)
c. Associate Professor or equivalent	50 (49%)	56 (52%)	56 (51%)	56 (56%)	41 (45%)
d. Professor or equivalent	28 (27%)	29 (27%)	29 (27%)	23 (23%)	21 (23%)
e. Other (please specify)	0	2 (12%)	0	1 (1%) No academic rank at my institution	3 (3%)
f. Not applicable	0		0	1 (1%)	4 (4%)

2020 Other Response

- Program Director, pending promotion to professor

2023 Other Response

- Program Director

36. As of June 30, 2023, how complete years have been program director? Drop down menu with 0-20 and >20

Years as PD	2019	2020	2021	2022	2023
Total responses	103 (100%)	107 (100%)	109 (100%)	100 (100%)	91 (100%)
0	14 (13.6%)	11 (10.3%)	15 (13.8%)	8 (8%)	12 (13%)
1	11 (10.7%)	18 (16.8%)	10 (9.2%)	16 (16%)	10 (11%)
2	7 (6.8%)	12 (11.2%)	10 (9.2%)	7 (7)	12 (13%_
3	11 (10.7%)	8 (7.5%)	7 (6.4%)	9 (9%)	5 (5%)
4	5 (4.9%)	7 (6.5%)	5 (4.6%)	6 (6%)	8 (8%)
5	10 (9.7%)	6 (5.6%)	8 (7.3%)	7 (7%)	5 (5%)
6	10 (9.7%)	8 (7.5%)	9 (8.3%)	3 (3%)	8 (8%)
7	3 (2.9%)	7 (6.5%)	5 (4.6%)	7 (8%)	5 (5%)
8	6 (5.8%)	8 (2.8%)	12 (11.0%)	8 (5%)	2 (2%)
9	3 (2.9%)	1 (.9%)	5 (4.6%)	3 (3%)	3 (3%)
10	2 (2.0%)	5 (4.7%)	3 (2.8%)	7 (7%)	9 (10%)
11	1 (1.0%)	0	1 (0.9%)	2 (2%)	1 (1%)
12	1 (1.0%)	0	3 (2.8%)	2 (2%)	1 (1%)
13	4 (3.9%)	3 (2.8%)	1 (0.9%)	1 (1%)	3 (3%)
14	3 (3.0%)	0	2 (1.8%)	0	2 (2%)
15	1 (1.0%)	5 (4.7%)	2 (1.8%)	2 (2%)	1 (1%)
16	4 (4.0%)	1 (.9%)	3 (2.8%)	1 (1%)	1 (1%)
17	2 (2.0%)	1 (.9%)	2 (1.8%)	1 (1%)	0
18	0	1 (.9%)	2 (1.8%)	1 (1%)	0
19	1 (1.0%)	3 (2.8%)	0	4 (4%)	0
20	2 (2.0%)	1 (.9%)	2 (1.8%)	1 (1%)	1 (1%)
> 20	2 (2.0%)	6 (5.6%)	2 (1.8%)	6 (6%)	4 (4%)

37. Prior to being program director, how many complete years did you serve as an assistant and/or associate program director?

Years as APD, Prior to PD	2019	2020	2021	2022	2023
Total Responses	103 (100%)	107 (100%)	109 (100%)	100 (100%)	91 (100%)
0	33 (32.0%)	34 (31.8%)	26 (23.9%)	26 (26%)	25 (27%)
1	10 (9.7%)	11 (10.3%)	17 (15.6%)	10 (10%)	10 (11%)
2	10 (9.7%)	17 (5.9%)	11 (10.1%)	13 (13%)	14 (15%)
3	12 (11.7%)	7 (6.5%)	10 (9.2%)	10 (10%)	13 (14%)
4	8 (7.8%)	4 (3.7%)	18 (16.5%)	12 (12%)	10 (11%)
5	14 (13.6%)	19 (17.8%)	11 (10.1%)	13 (13%)	6 (7%)
6	4 (3.9%)	2 (1.9%)	6 (5.5%)	9 (9%)	4 (4%)
7	6 (5.8%)	2 (1.9%)	1 (0.9%)	2 (2%)	2 (2%)

8	4 (3.9%)	3 (2.8%)	4 (3.7%)	2 (2%)	4 (4%)
9	0	2 (1.9%)	2 (1.8%)	1 (1%)	1 (1%)
10	1 (1.0%)	4 (3.7%)	1 (0.9%)	1 (1%)	1 (1%)
11	1 (1.0%)	1 (.9%)	0	0	0
12	0	0	1 (0.9%)	1 (1%)	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	1 (1%)
16	0	1 (.9%)	1 (0.9%)	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
> 20	0	0	0	0	0

38. What is your self-identified race/ethnicity? (Choose all that apply)

	2019	2020	2021	2022	2023
Total Responses	103 (100%)	107 (100%)	109 (100%)	100	98
a. American Indian or Alaska Native	0.0%	1 (.9%)	0	0	1 (1%)
b. Asian or Asian American	14 (13.6%)	17 (15.9%)	11.9%	16 (16%)	15 (16%)
c. Black or African American	2 (1.9%)	2 (1.9%)	3 (3.7%)	4 (4%)	5 (5%)
d. Hispanic, Latino, Latina, Latinx	4 (3.9%)	5 (4.7%)	5 (4.6%)	7 (7%)	9 (%)
e. Native Hawaiian or Other Pacific Islander	0.0%	0	0	0	1 (1%)
e. Middle Eastern or Northern African				5 (5%)	9 (10%)
g. Caucasian/White	70 (68%)	72 (67.3%)	(69.7%)	56 (56%)	50 (55%)
k. Multiple Race/Ethnicity	4 (3.9%)	1 (.9%)	3 (2.8%)		
l. Other (Please specify)	4 (3.9%)	3 (2.8%)	3 (2.8%)	1 (1%)	3 (3%)
m. Prefer not to disclose	5 (4.9%)	6 (5.6%)	5 (4.6%)	11 (11%)	5 (5%)

2019 Other Responses:

- South Asian
- Indian
- Middle Eastern
- South Asian

2020 Other Responses:

- Middle Eastern
- South Asian

2021 Other Responses:

- Mediterranean
- South Asian
- Mediterranean

39. Do you have plans to step down as Program Director within the next two years?

	2012	2013	2014	2015	2016	2017	2022	2023
Plans	Response Rate (n=45)	Response Rate (n=61)	Response Rate (n=67)	Response Rate (n=67)	Response Rate (n=98)	Response Rate (n=97)	Response Rate (n=100)	Response Rate (n=91)
Yes	14 (32%)	17 (28%)	15 (22%)	15 (22%)	11 (11%)	19 (20%)	21 (21%)	16 (18%)
No	31 (68%)	44 (72%)	52 (78%)	52 (78%)	87 (89%)	78 (80%)	79 (79%)	75 (82%)

40. What is your primary reason for stepping down as Program Director? (Choose one)

Note this survey question was retired in 2018 and restated in 2022

	2012	2013	2014	2015	2016	2017	2022	2023
Reasons	Response Rate (n=45)	Response Rate (n=17)	Response Rate (n=22)	Response Rate (n=16)	Response Rate (n=11)	Response Rate (n=19)	Response Rate (n=21)	Response Rate (n=16)
40.1 Other Career Opportunity	3 (7%)	2 (12%)	7 (32%)	6 (38%)	2 (18%)	7 (37%)	Response Rate (n=21)	4 (25%)
40.2 Shift in Personal Priorities							5 (23%)	6 (38%)
40.3 Burden of Regulations	23 (51%)	2 (12%)	6 (27%)	1 (27%)		3 (16%)	7 (33%)	1 (6%)
40.4 Clinical Time Demands	7 (14%)	2 (12%)	5 (23%)	3 (6%)	3 (27%)	1 (5%)	2 (10%)	2 (13%)
40.5 Research Time Demands		2 (12%)	1 (4%)					
40.6 Retirement	9 (21%)	5 (29%)	3 (14%)	3 (19%)	3 (27%)	4 (21%)	0	0
40.7 Other	3 (7%)	4 (23%)		3 (19%)	3 (27%)	4 (21%)	3 (14%)	3 (19%)
40.8 Comments (Other)	<ul style="list-style-type: none"> The RRC gets more and more onerous every year. I am also Division Chief. Not enough time and I think it's a conflict to do both. Haven't had any one who is 5 years out of training with sufficient objectivity to take over yet. 	<ul style="list-style-type: none"> Associate PD ready to assume PD activities. Moving up to Division Chief. Time for younger people to step in and take over. Associate PD ready to assume role of PD. Too long. Time for fresh blood. 		<ul style="list-style-type: none"> Career advancement Other junior staff to move up. 		<ul style="list-style-type: none"> Have been doing this for 10 years. I am an interim PD. Administration overload. 	<ul style="list-style-type: none"> i knew i could only do it for 2 years due to family obligations when i started, otherwise i'd continue Time for associate program director to advance I believe it is important to create space for the professional development of junior faculty, and they are closer in age to the applicants and fellows. 	<ul style="list-style-type: none"> Time for New Leadership

41. Does your program provide dedicated training in health equity, health care disparities, or health care justice?

Response	2022	2023
Total Response	99	91 (100%)
41.1. Yes	66 (66.6%)	60 (66%)
41.2. No	33 (33.3%)	31 (34%)