

MCPHS, School of Physician Assistant Studies, Boston Program Success of Achieving Goals

Goal #1. Provide students with a strong foundation in the basic and clinical sciences enabling them to provide high quality preventive care, medical management, and patient education in a wide variety of practice settings.

Outcome measure: Our students' performances in the basic, clinical science and preventive care courses, PANCE performance and graduating students' rating on the exit survey.

Benchmark: The average grade earned in the basic and clinical science courses (inclusive of preventive care) is **above 80%**.

Actual outcome data on student course performance

Course	Class of 2019	Class of 2020	Class of 2021	Class of 2022
Anatomy	87%	90%	91%	89%
Pathophysiology I	92%	90%	89%	88%
Pathophysiology II	91%	92%	89%	89%
Pharmacology I	87%	86%	86%	89%
Pharmacology II	87%	87%	87%	87%
Genetics	93%	93%	92%	92%
Clinical Medicine I	86%	86%	88%	88%
Clinical Medicine II	84%	89%	87%	89%
Clinical Medicine III	84%	85%	88%	87%
Clinical Medicine IV	87%	89%	87%	89%

Benchmark: The average grade earned in a course that includes preventative measures is **above 80%**.

Course	Class of 2019	Class of 2020	Class of 2021	Class of 2022
Introduction to Public Health	N/A	95%	97%	96%

Benchmark: The average grade earned in the clinical management of the patient (CMP) course is **above 80%**.

Course	Class of 2019	Class of 2020	Class of 2021	Class of 2022
CMP I	87%	87%	90%	89%
CMP II	90%	90%	89%	90%

Benchmark: Students will complete PANCE questions focused on **health maintenance, patient education, and preventative measures** with scores at or above the national average score for all test takers.

Actual outcome data on student PANCE performance

Year	MCPHS PANCE Score	National Average PANCE score	MCPHS equivalent, above or below national average
2019	78%	77%	above
2020	71%	74%	below
2021	77%	77%	equivalent
2022	75%	78%	below

Benchmark: Student responses to the Exit Survey in the areas of basic and clinical sciences, preventive care, medical management and patient education is above neutral, 4.0 or higher.

Actual outcome data on student PANCE performance

Exit Survey Data*	2019	2020	2021	2022
Basic and clinical sciences (Q8.1)	4.3	4.4	4.3	4.5
Preventive care (Q8.5)	4.3	4.3	4.4	4.4
Medical management (Q8.4)	4.2	4.4	4.3	4.4
Patient education (Q10.6)	4.3	4.4	4.3	4.5

*Question measured on a five-point Likert scale

Goal #2. Facilitate active learning and clinical decision-making skills.

Outcome measure: Our students' performances in Patient Assessment and Clinical Management of the Patient courses, preceptor evaluation of students and graduating students' rating on the exit survey.

Benchmark: The average grade earned in patient assessment; clinical management of the patient is **above 80%**.

Actual outcome data on student course performance

Course	Class of 2019	Class of 2020	Class of 2021	Class of 2022
CMP I	87%	87%	90%	89%
CMP II	90%	90%	89%	90%
Patient Assessment I	92%	92%	97%	95%
Patient Assessment II	94%	97%	99%	93%

Benchmark: Preceptor evaluation of a student metric, in the area of application and synthesis of

knowledge, is rated five or above on a seven-point scale. (A score of 5 or better reflects a positive response) through 2021.

New benchmark starting 2022 is rated four or above on a five-point scale.

Actual outcome data on preceptor evaluation

	2019	2020	2021	2022
Preceptor Evaluation on Application and Synthesis of Knowledge	5.6	5.5	5.2	3.8/5

*Question measured on a 7-point Likert scale years 2019-2021 and a 5-point Likert scale 2022

Benchmark: Student responses to the Exit Survey in the areas of facilitation of active learning and decision-making is rated above neutral, 4.0 or higher.

Exit Survey Data*	2019	2020	2021	2022
Active learning / Self-Directed Learning (Q12.2-5)	4.3	4.3	4.2	4.5
Clinical decision making Q8.4, Q8.8	4.3	4.5	4.4	4.5

*Question measured on a five-point Likert scale

Goal #3. Foster interpersonal and professional qualities essential to providing patient care in an ethical manner.

Outcome measure: Our students' performances in Principles of Professional Practice course, PANCE performance and graduating students' rating on the exit survey.

Benchmark: The average grade earned in principles of professional practice (PPP) course is above 80%.

Actual outcome data on student course performance

Course	Class of 2019	Class of 2020	Class of 2021	Class of 2022
PPP	96%	94%	96%	98%

Benchmark: Student responses to the Exit Survey in the areas of interpersonal qualities, professional qualities, and provision of ethical care is rated above neutral, 4.0 or higher.

Exit Survey Data*	2019	2020	2021	2022
Interpersonal qualities Q9.1	4.5	4.6	4.4	4.6
Professional qualities Q.2	4.6	4.6	4.4	4.6
Provision of ethical care Q11.6-8	4.7	4.7	4.6	4.7

*Question sets measured on a five-point Likert scale

Benchmark: Students will complete PANCE questions on **focused professional practice** with scores at

or above the national average score for all test takers.

Actual outcome data on PANCE student performance

Year	MCPHS PANCE Score	National Average PANCE score	MCPHS equivalent, above or below national average
2019	78%	78%	equivalent
2020	79%	81%	below
2021	76%	78%	below
2022	72%	74%	below

Goal #4. Develop skills to function as a competent member of an interprofessional team.

Outcome measure: Survey responses from students participating in the inter-professional education activities and graduating students' rating on the exit survey.

Benchmark: Student responses rate improvement in understanding the role of PAs as part of an interprofessional team on a pre/post survey questions about IPE.

Actual outcome data on student survey responses

- 2021: 19% of students rate improvement from pre to post survey (new as of 2021)

Benchmark: Student responses to the Exit Survey to the question on interprofessional qualities rate above neutral, 4.0 or higher.

Exit Survey Data*	2019	2020	2021	2022
Interprofessional team skills Q9.4	4.4	4.6	4.4	4.6

*Question measured on a five-point Likert scale

Goal #5. Instill the value of lifelong learning and promote service to the profession.

Outcome measure: Our students' performances in Principles of Professional Practice course, preceptor evaluation of students and graduating students' rating on the exit survey.

Benchmark: The average grade earned in the Principles of Professional Practice **Class is above 80%.**

Actual outcome data on student course performance

Course	Class of 2019	Class of 2020	Class of 2021	Class of 2022
PPP	96%	94%	96%	98%

Benchmark: Preceptor evaluation of a student metric, in the area self-directed learning, **is rated five or above on a seven-point scale.** (A score of 5 or better reflects a positive response) through 2021.
New benchmark starting 2022 is rated four or above on a five-point scale.

Actual outcome data on preceptor evaluation

	2019	2020	2021	2022
Preceptor Evaluation on Self Directed Learning	6.0	6.0	5.5	4.2/5

**Question measured on a 7-point Likert scale years 2019-2021 and a 5-point Likert scale 2022

Benchmark: Student responses to the Exit Survey about lifelong learning rated above neutral, 4.0 or higher.

Actual outcome data on student survey responses

Exit Survey Data*	2019	2020	2021	2022
Lifelong learning Q12.1	4.3	4.3	4.0	4.3
Service to the profession Q11.4	4.7	4.7	4.6	4.7

*Question measured on a five-point Likert scale