

UMass Research & Expenditures Report

FY 2024

Office of the President, Institutional Research



University of Massachusetts

Amherst • Boston • Dartmouth • Lowell • Medical School • Law

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Key Highlights



\$869M

UMass Total R&D
Expenditures
FY 2024



5.2%

1-Year Change in
UMass Total R&D
Expenditures
(vs. FY 2023)



27.1%

5-Year Change in
UMass Total R&D
Expenditures
(vs. FY 2019)



#3*

State Ranking among
MA universities in R&D
Expenditures
FY 2023




\$814M

UMass STEM R&D
Expenditures
FY 2024




6.0%

1-Year Change in
UMass STEM R&D
Expenditures
(vs. FY 2023)



54.1%

Percent of all R&D
Expenditures from
Life Sciences
FY 2024



63%*

Percent of Total MA
R&D Expenditures
from Harvard, MIT, &
UMass FY 2023

* R&D expenditures data for state FY 2024 is currently not available.



UMass System - Total R&D Expenditures FY2024

869M

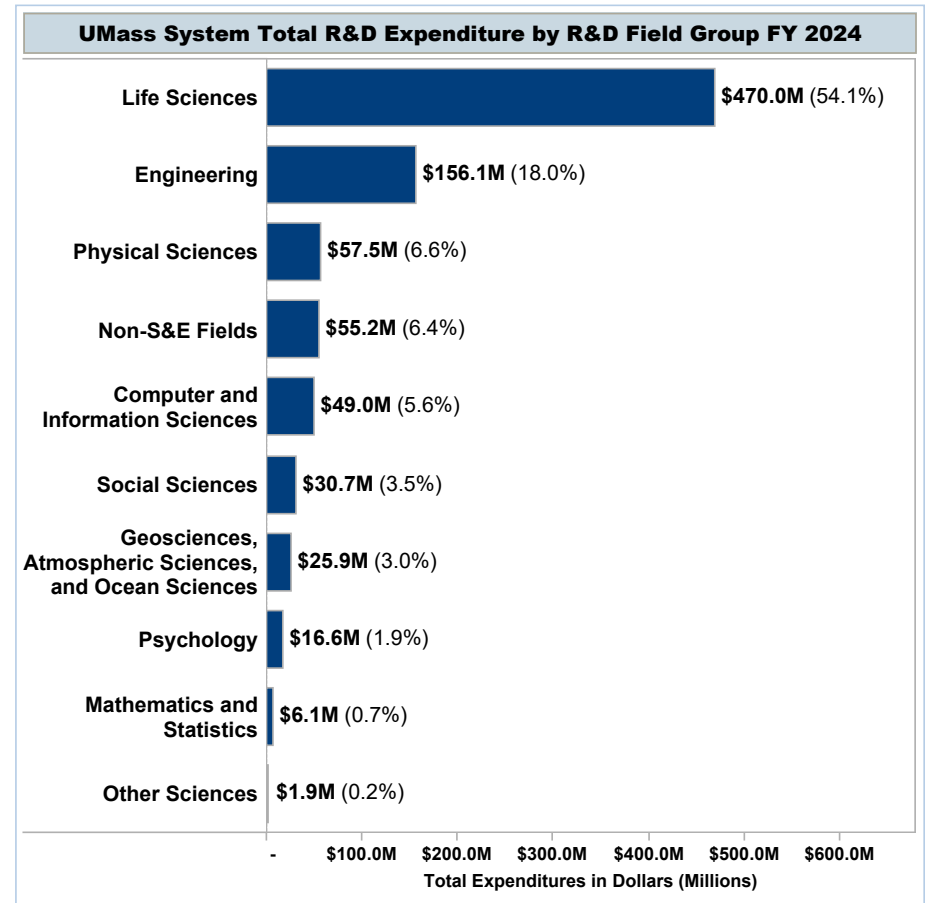
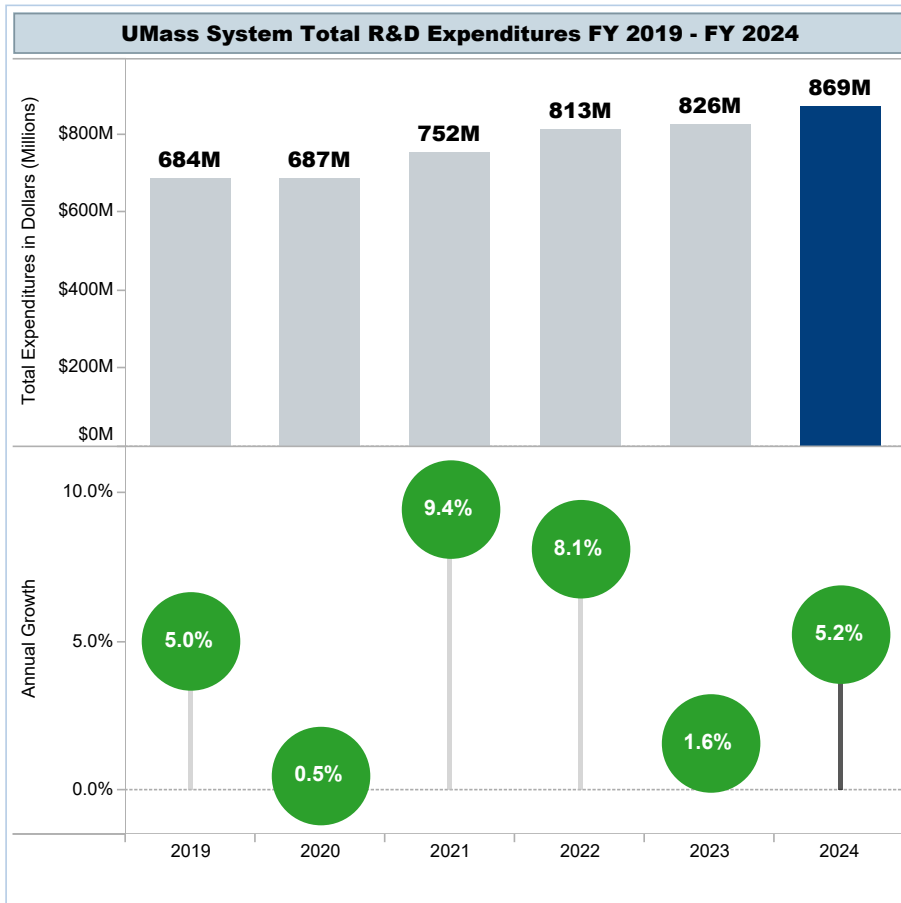
UMass System
Total R&D (In Millions)
FY2024

▲ 5.2%

1-Year
Percentage Change
(vs. 2023)

▲ 27.1%

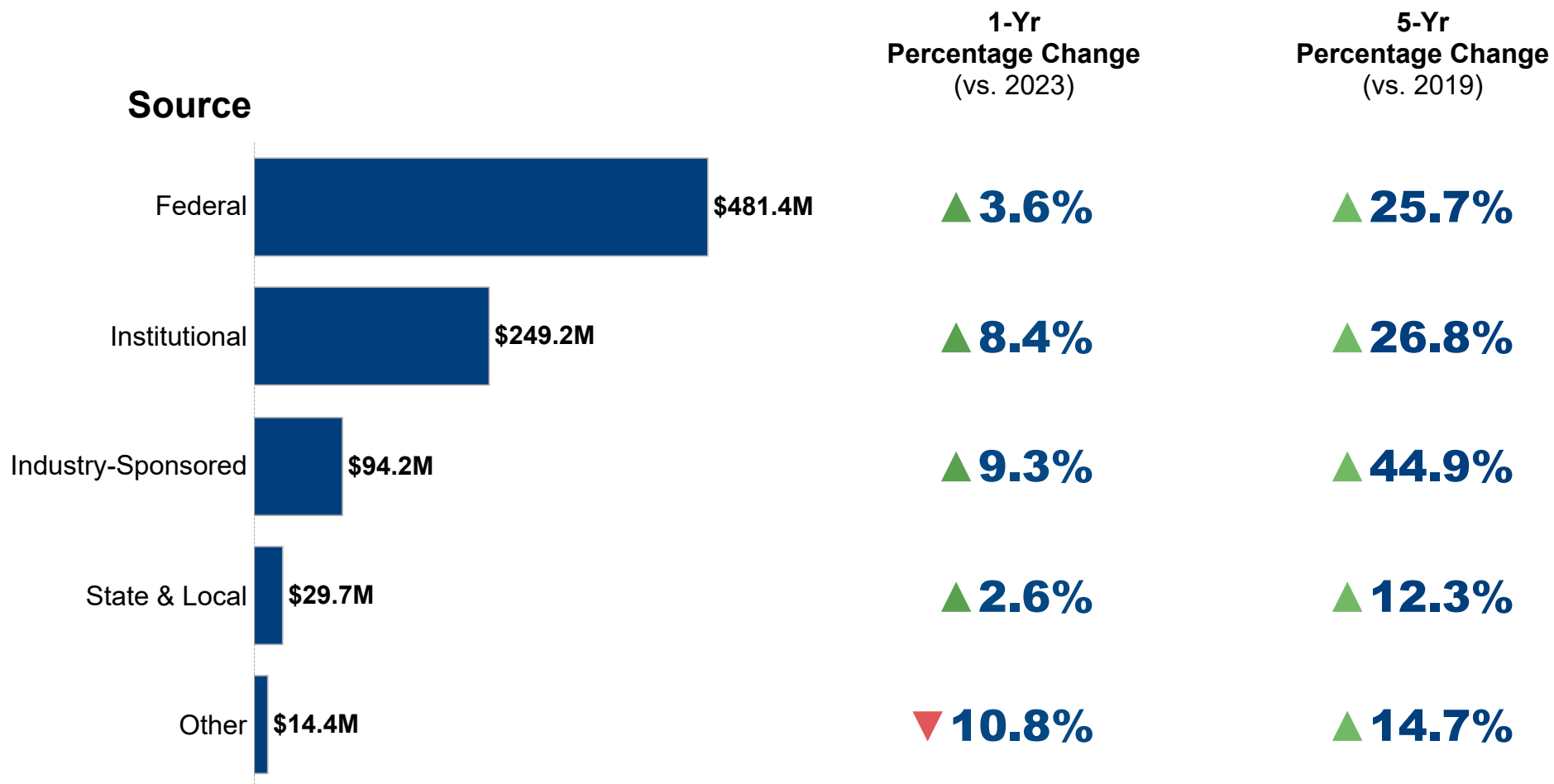
5-Year
Percentage Change
(vs. 2019)





UMass System - Key Highlights

Source Of Funding FY2024 (In Millions)





Amherst - Total R&D Expenditures FY2024

282M

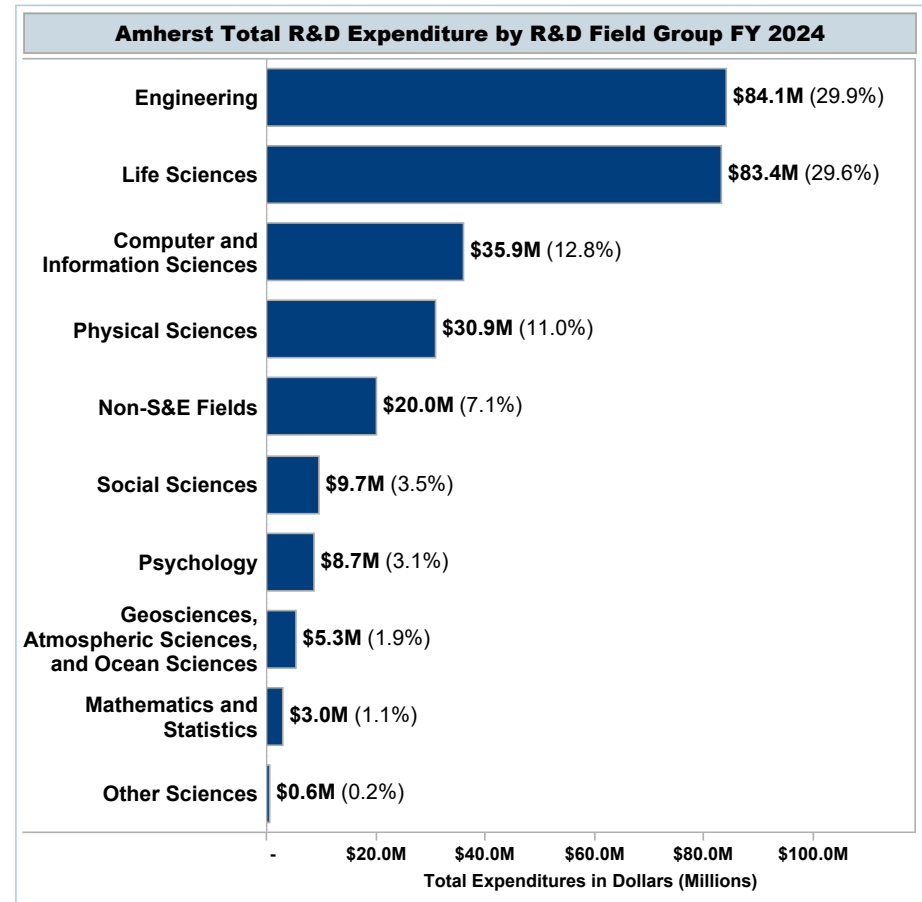
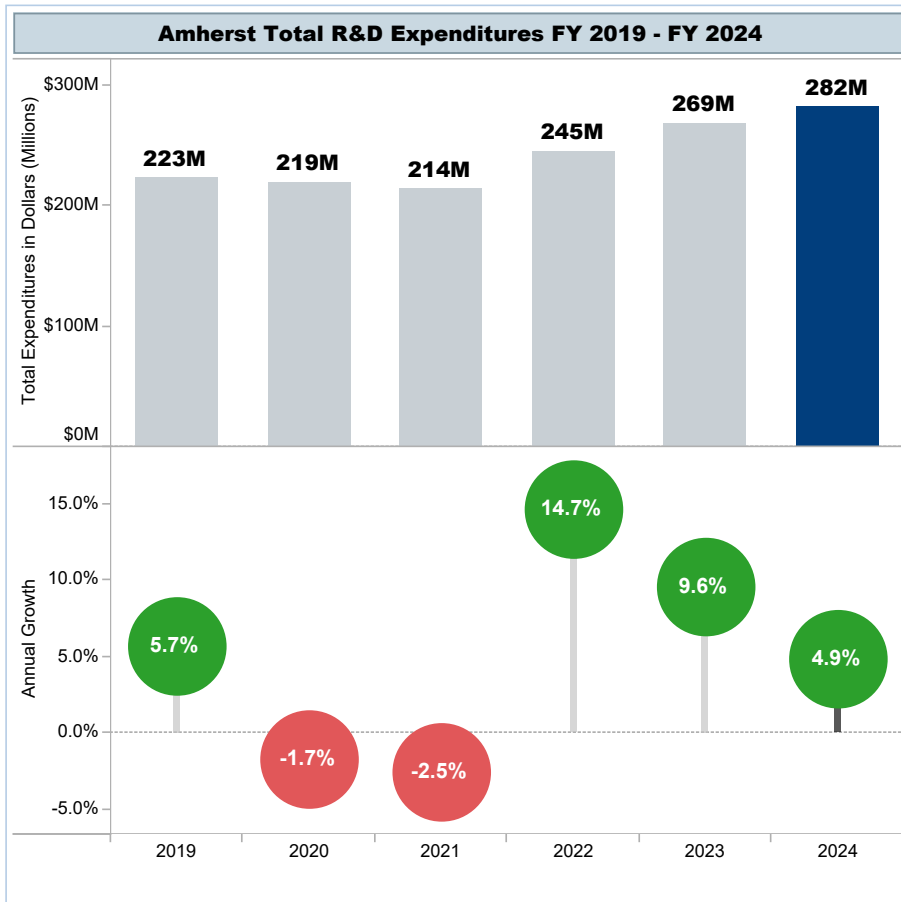
Amherst
Total R&D (In Millions)
FY2024

▲ 4.9%

1-Year
Percentage Change
(vs. 2023)

▲ 26.2%

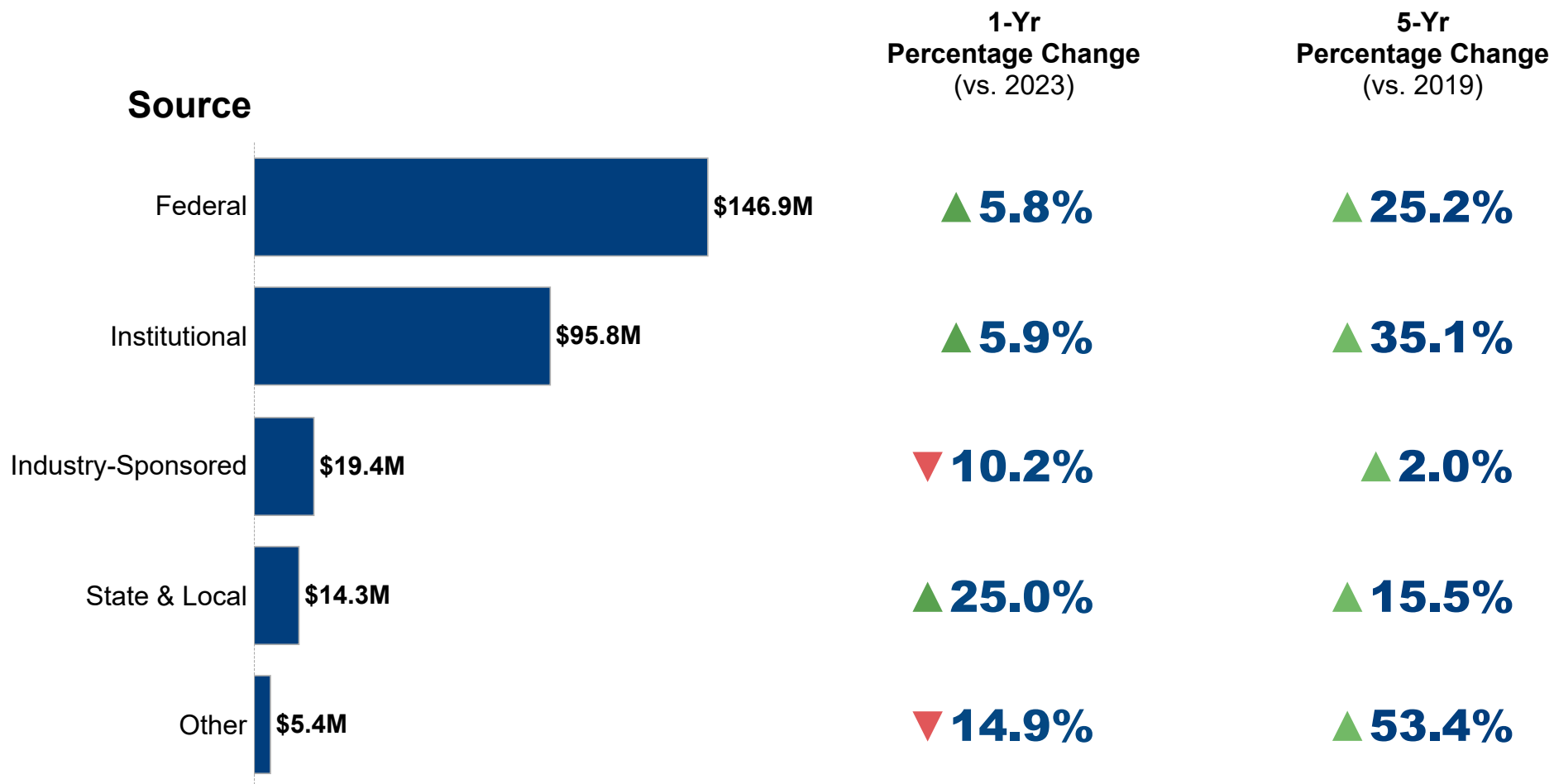
5-Year
Percentage Change
(vs. 2019)





Amherst - Key Highlights

Source Of Funding **FY2024** (In Millions)





Boston - Total R&D Expenditures FY2024

75M

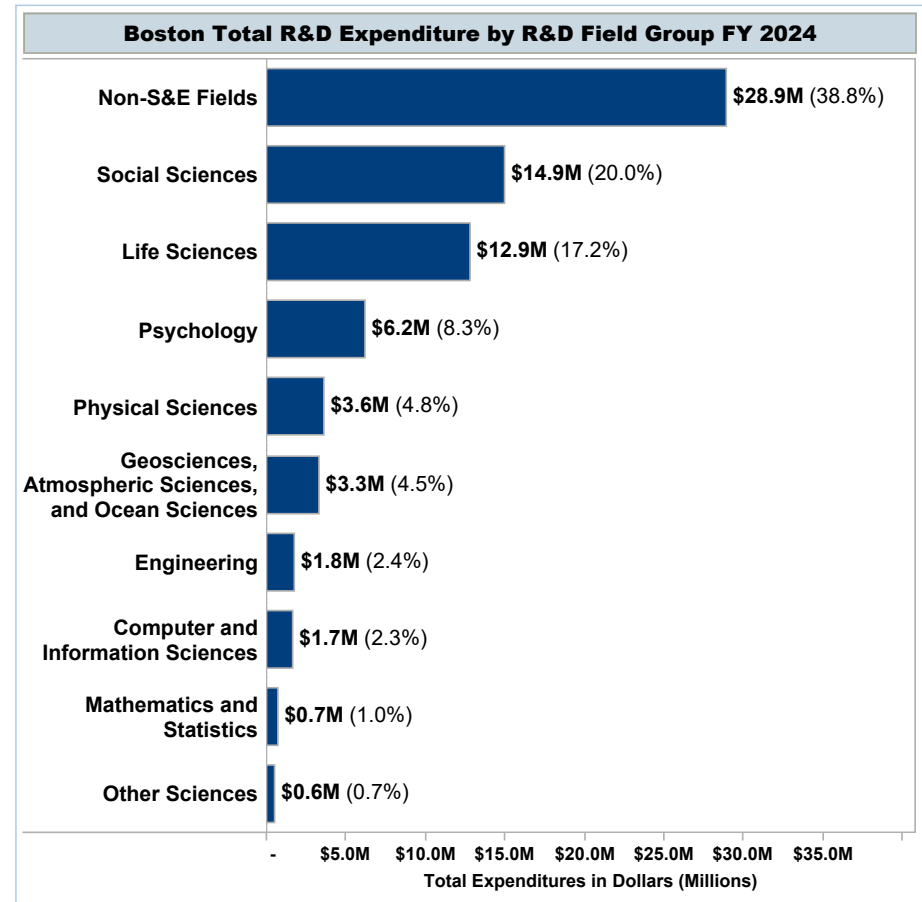
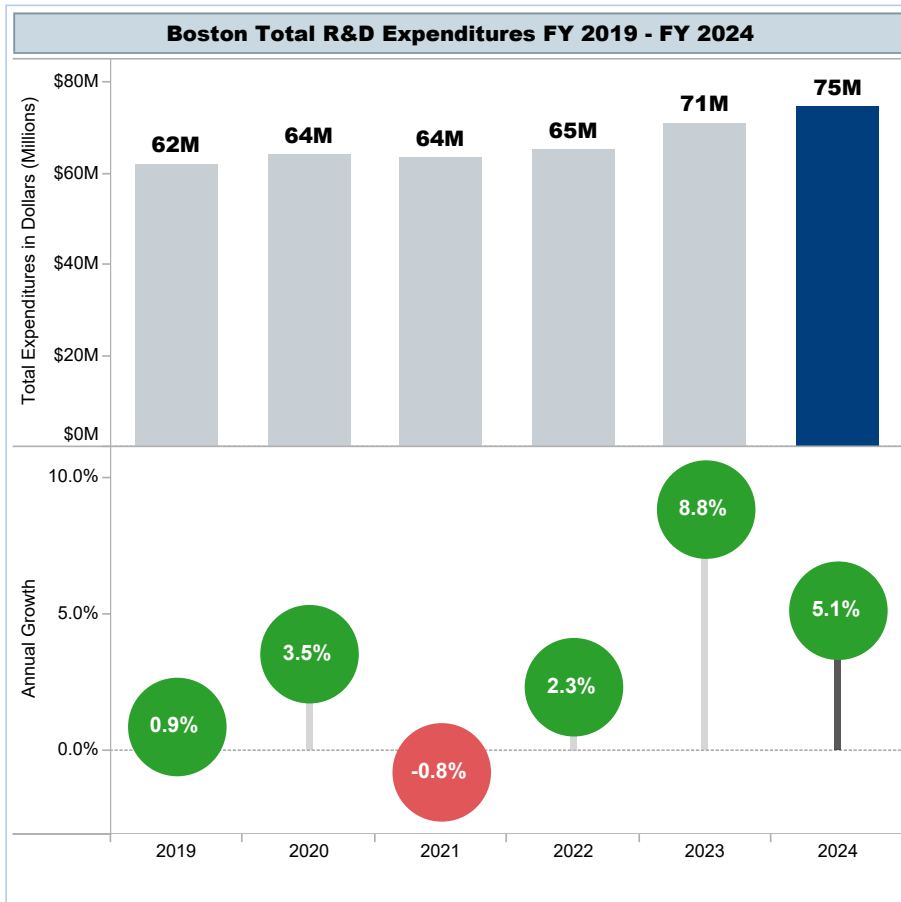
Boston
Total R&D (In Millions)
FY2024

▲ 5.1%

1-Year
Percentage Change
(vs. 2023)

▲ 20.3%

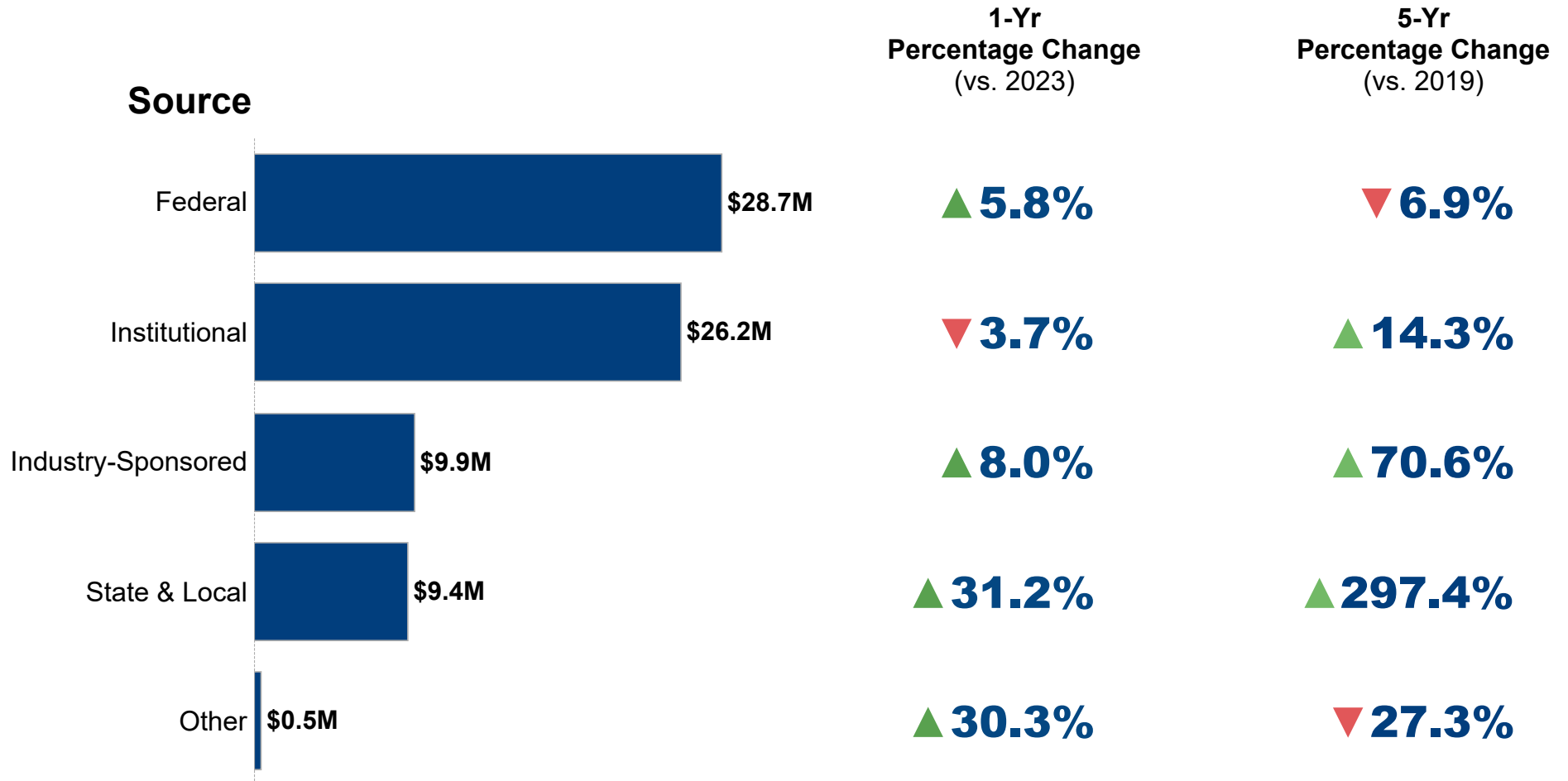
5-Year
Percentage Change
(vs. 2019)





Boston - Key Highlights

Source Of Funding **FY2024** (In Millions)





Dartmouth - Total R&D Expenditures FY2024

42M

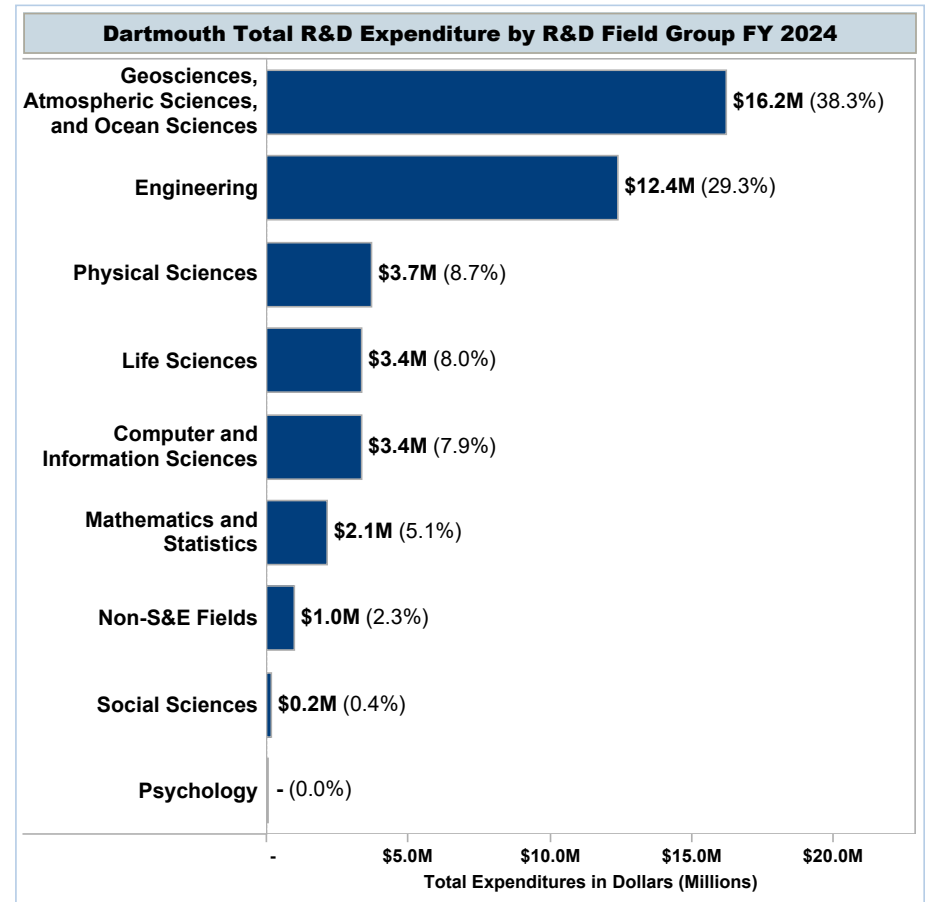
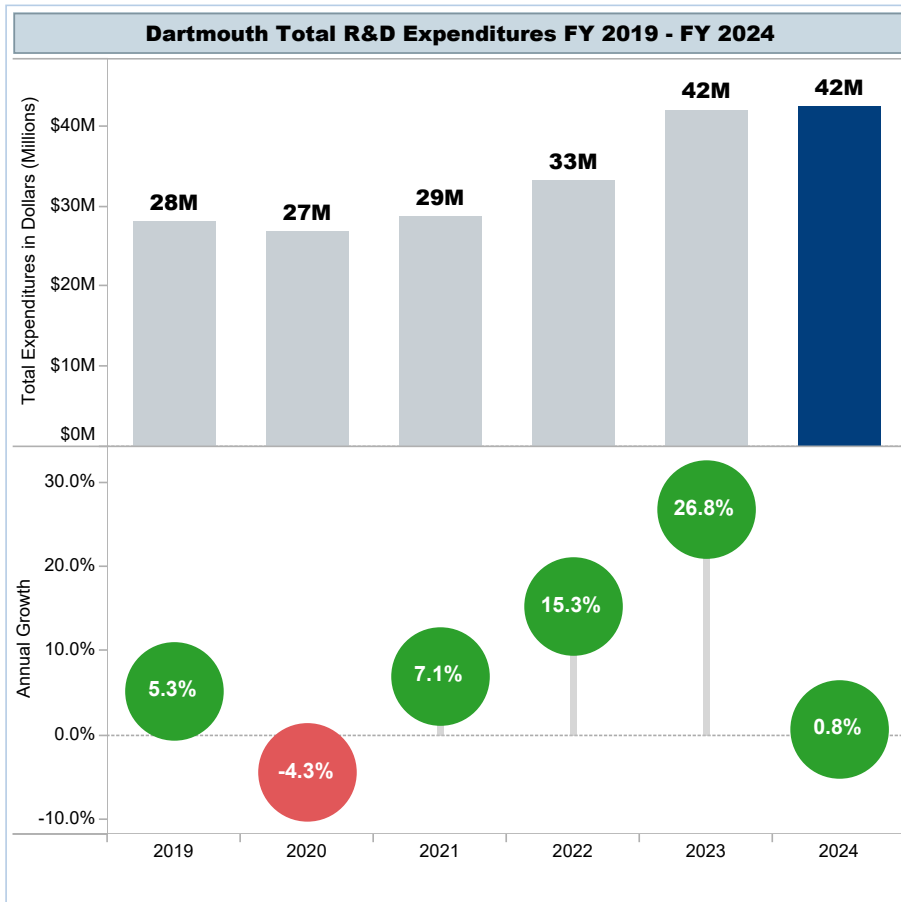
Dartmouth
Total R&D (In Millions)
FY2024

▲ 0.8%

1-Year
Percentage Change
(vs. 2023)

▲ 51.1%

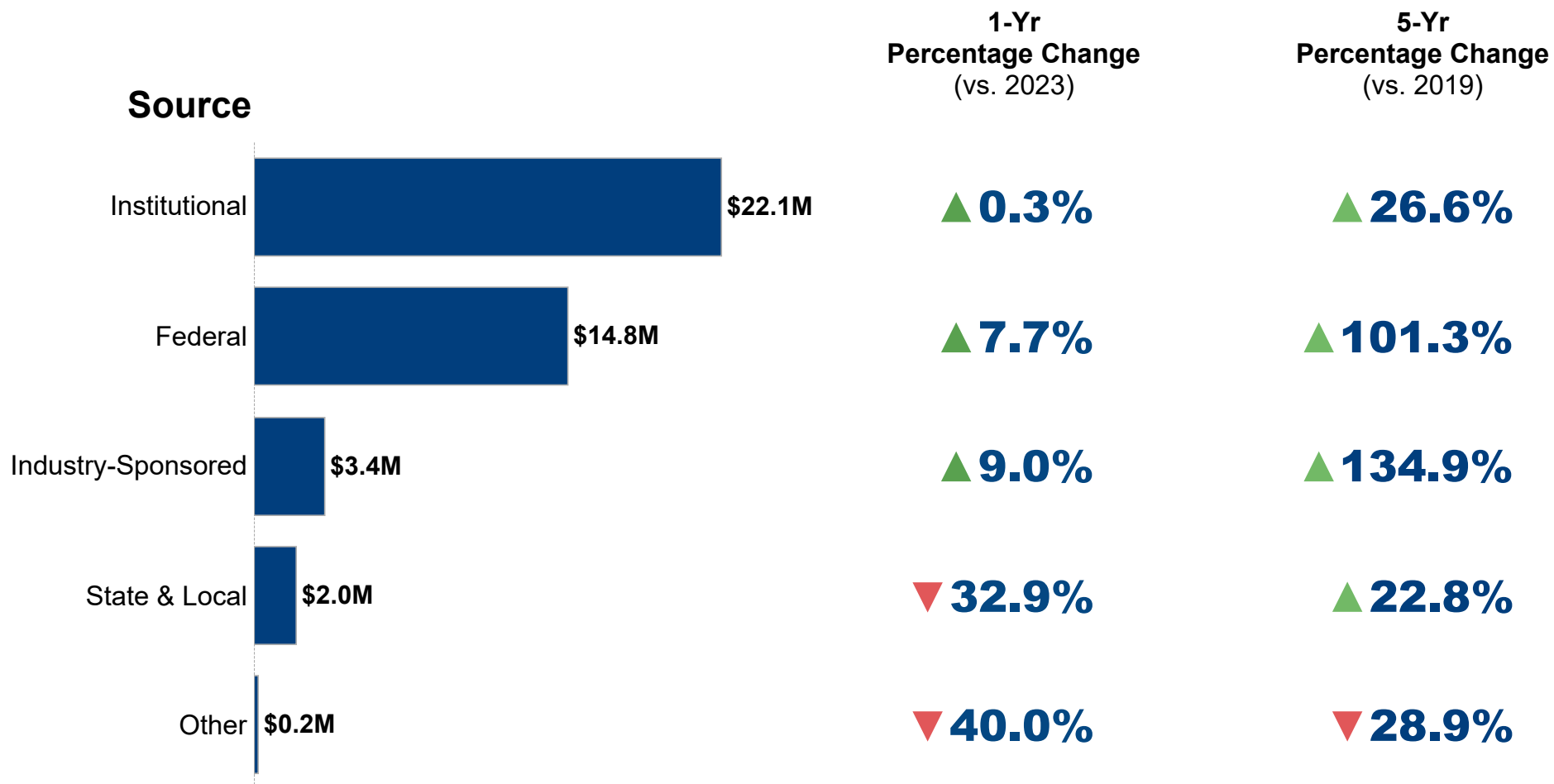
5-Year
Percentage Change
(vs. 2019)





Dartmouth - Key Highlights

Source Of Funding **FY2024** (In Millions)





Lowell - Total R&D Expenditures FY2024

121M

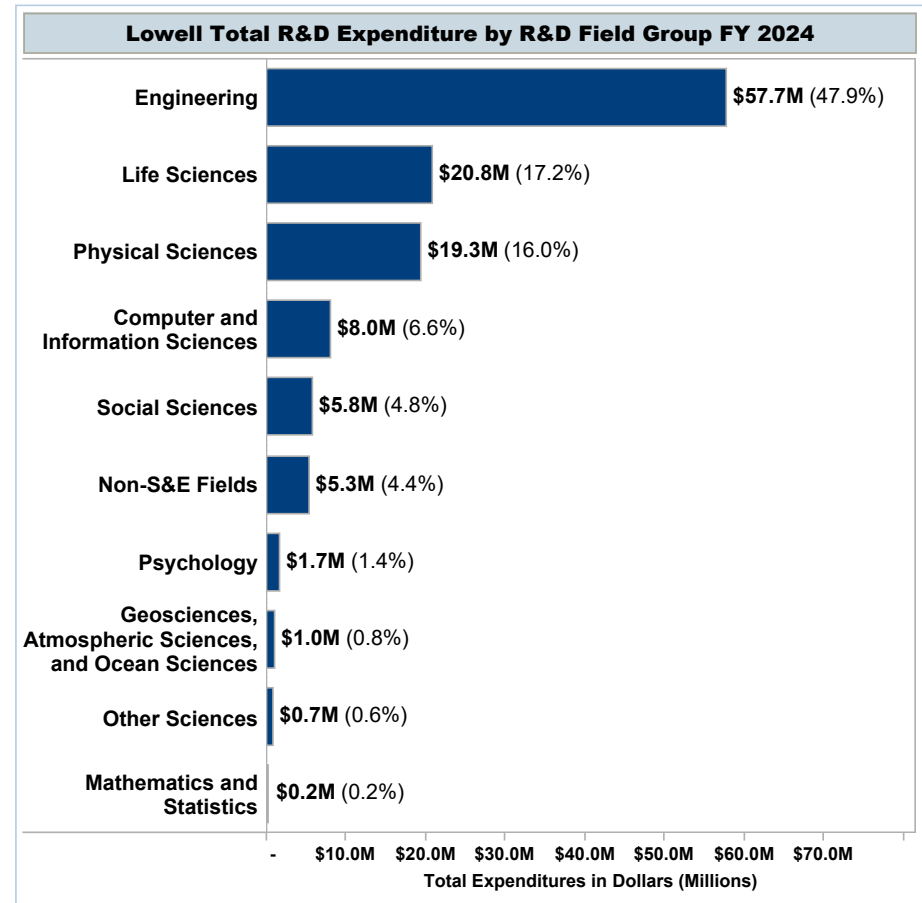
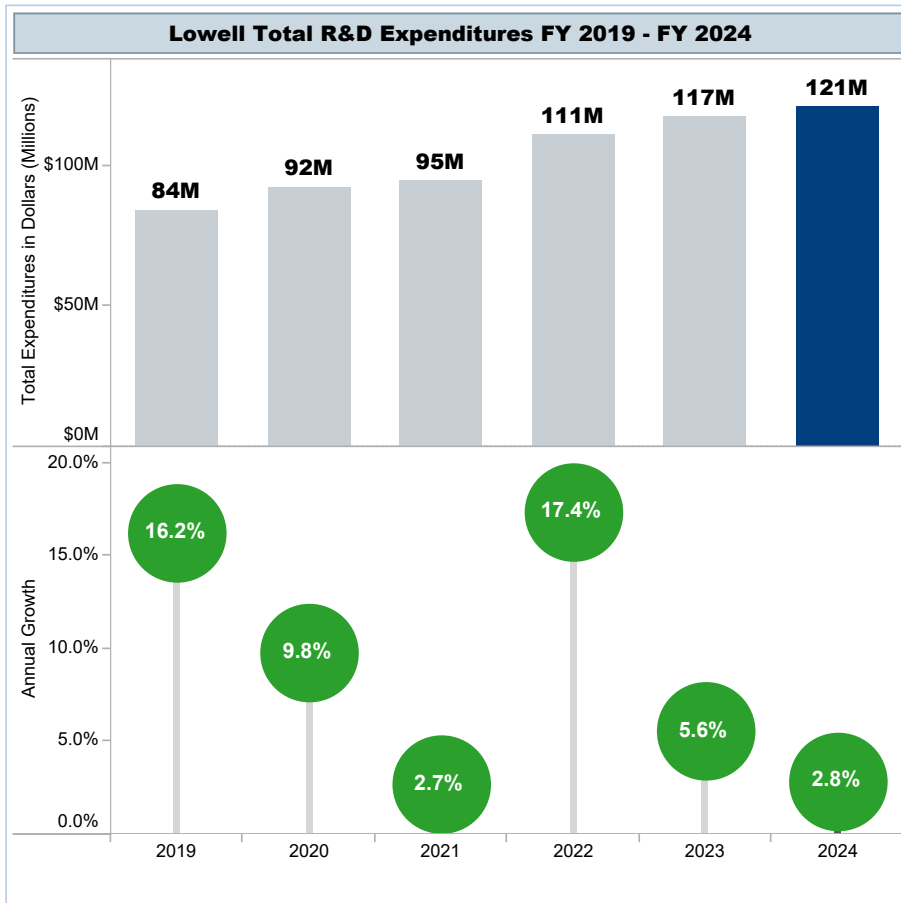
Lowell
Total R&D (In Millions)
FY2024

▲ 2.8%

1-Year
Percentage Change
(vs. 2023)

▲ 43.7%

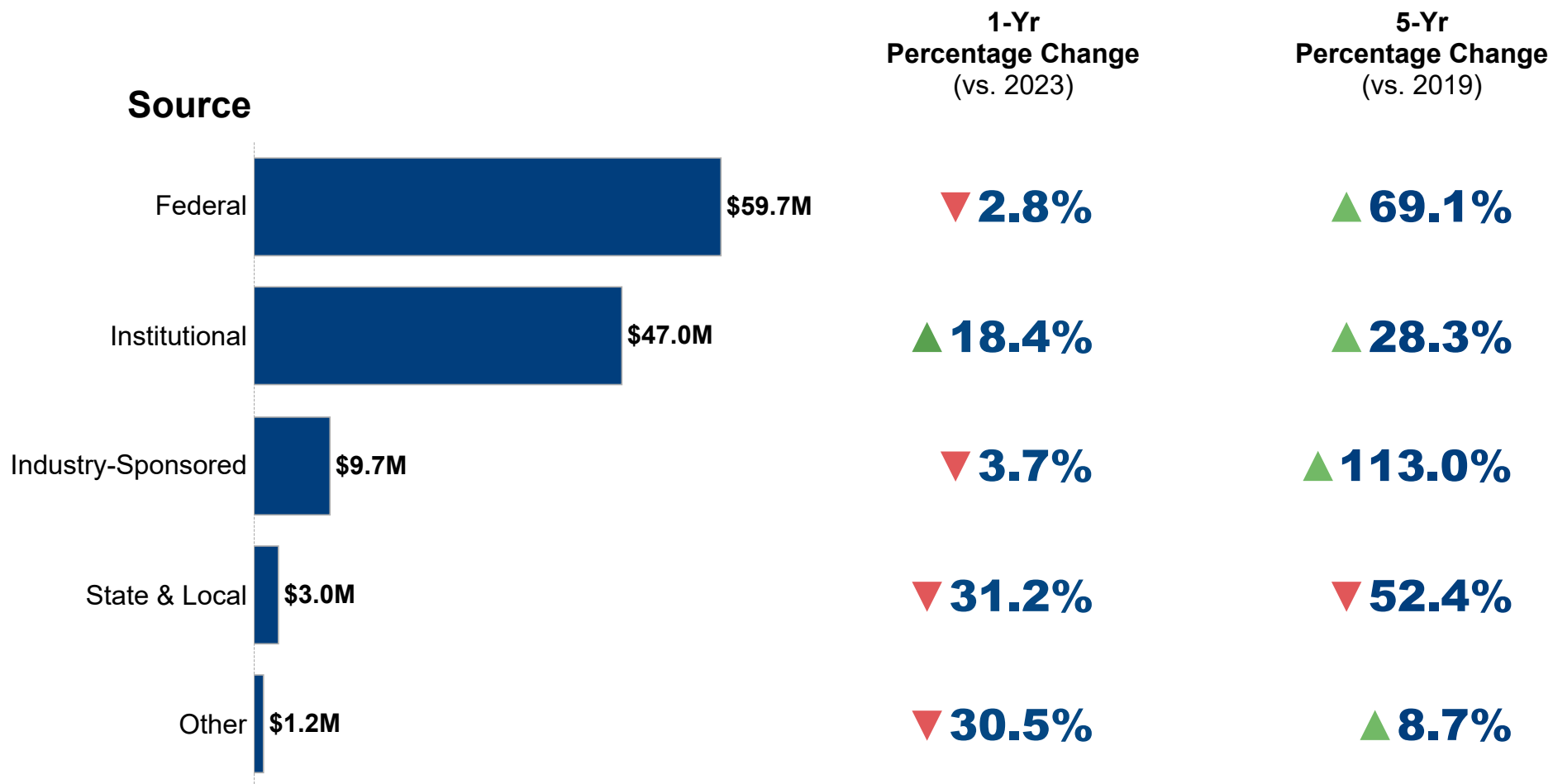
5-Year
Percentage Change
(vs. 2019)





Lowell - Key Highlights

Source Of Funding FY2024 (In Millions)





Medical School - Total R&D Expenditures FY2024

350M

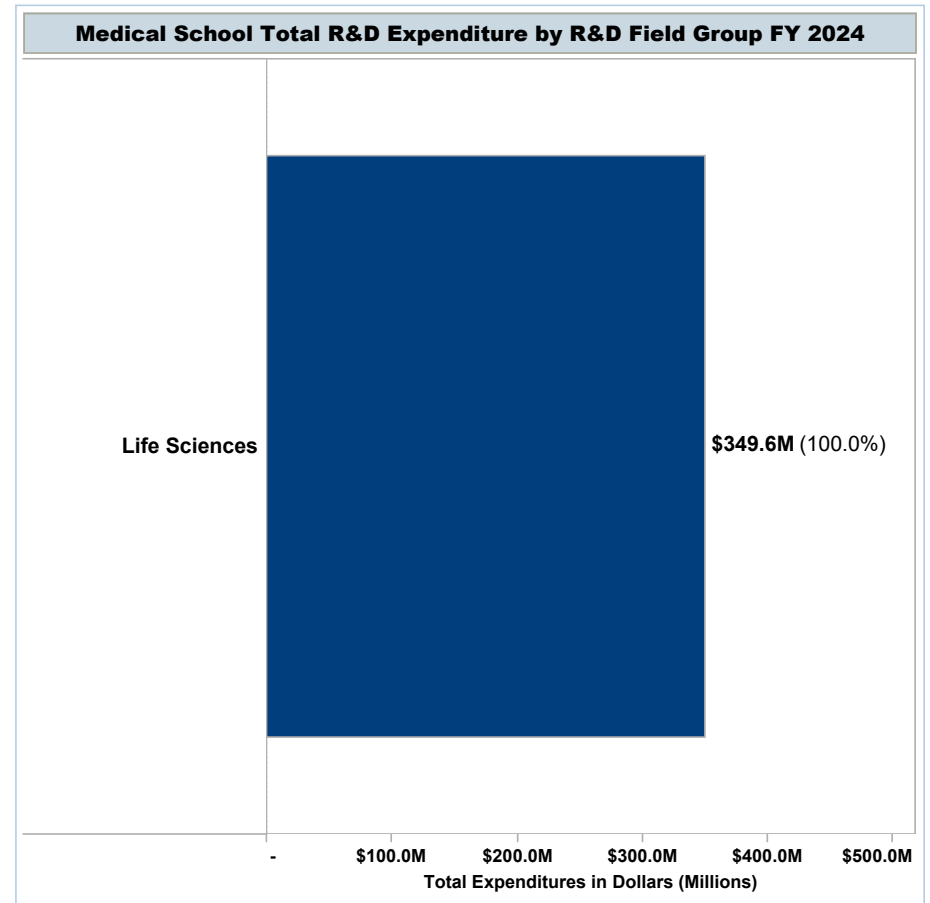
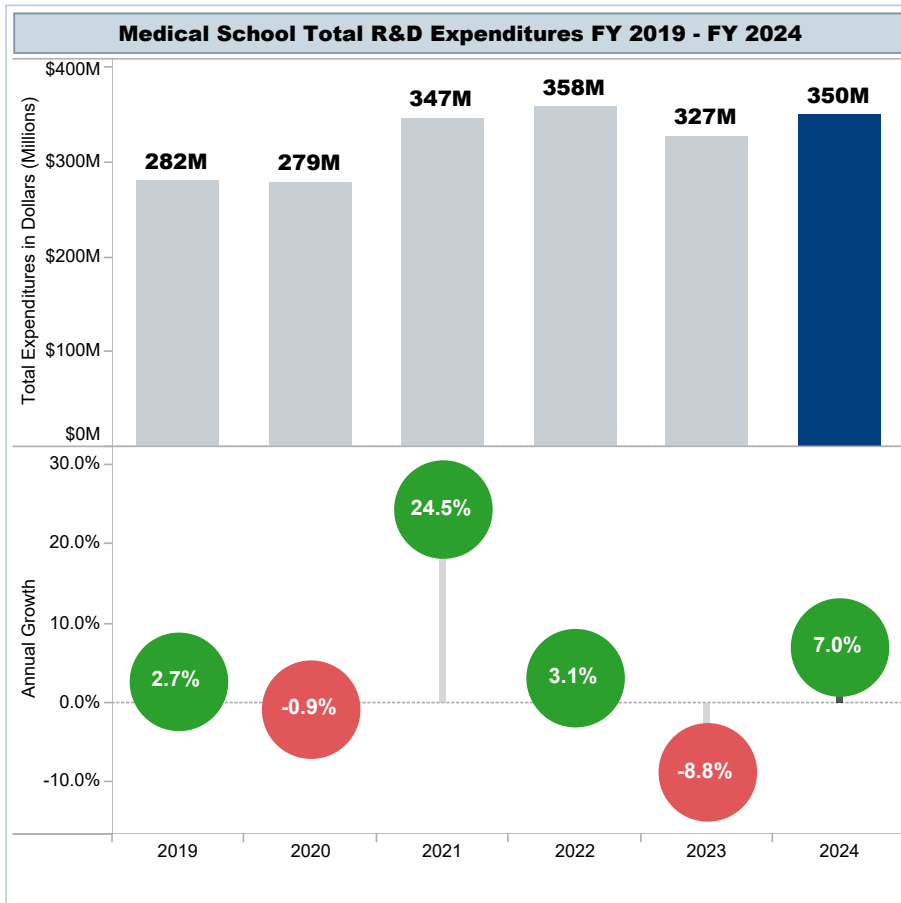
Medical School
Total R&D (In Millions)
FY2024

▲ 7.0%

1-Year
Percentage Change
(vs. 2023)

▲ 24.2%

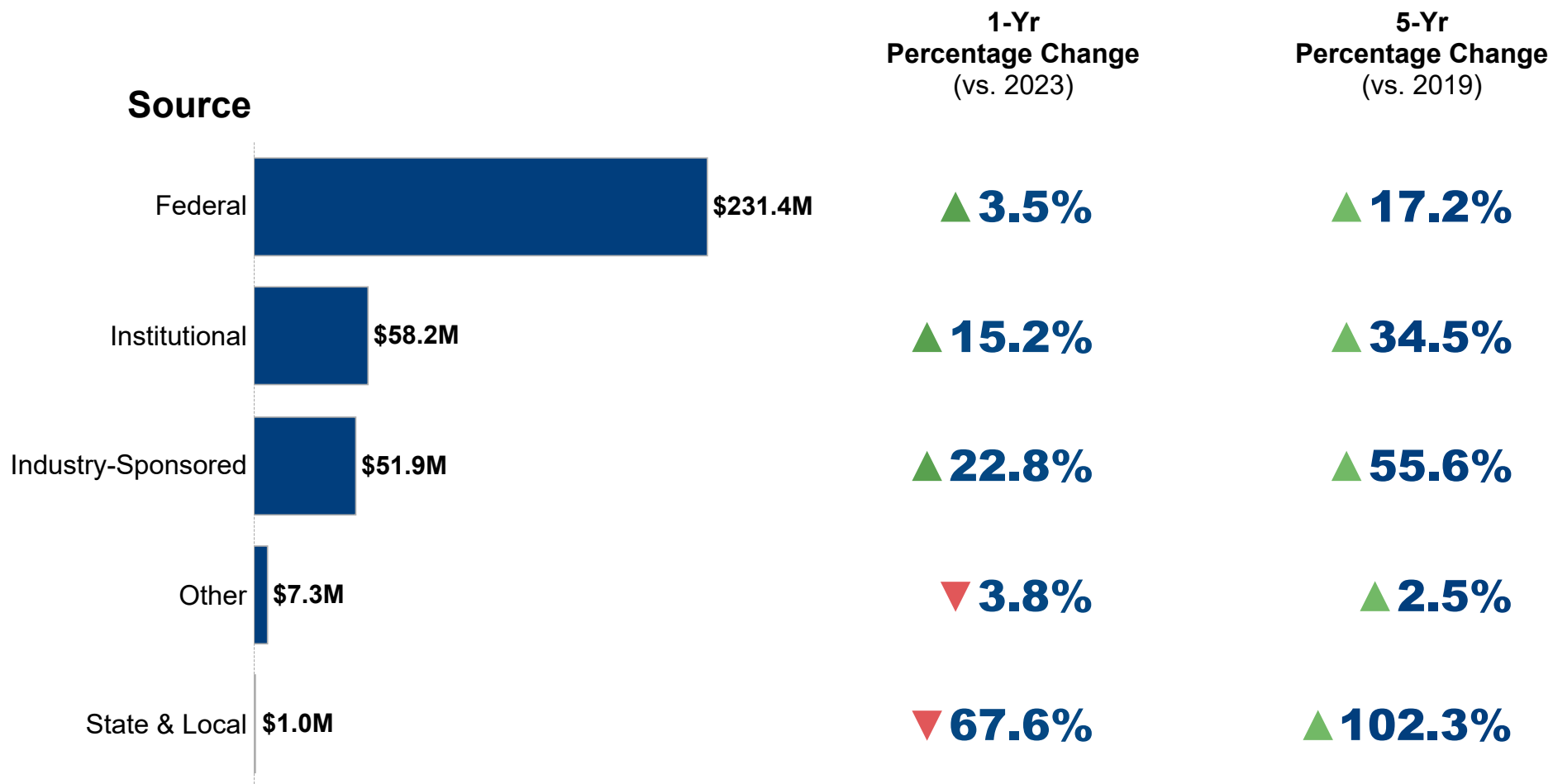
5-Year
Percentage Change
(vs. 2019)





Medical School - Key Highlights

Source Of Funding **FY2024** (In Millions)



UMass System - FY 2024 Total Expenditures by Field (Federal and Non-Federal)					
Field Category	Field Group	Field	Federal	Non Federal	Grand Total
Grand Total			\$481.4M	\$387.6M	\$869.0M
SCI & ENG FIELDS	Engineering	Aerospace, Aeronautical, and Astronautical Engineering	\$0.3M	\$0.2M	\$0.5M
		Bioengineering and Biomedical Engineering	\$6.6M	\$6.3M	\$12.9M
		Chemical Engineering	\$23.8M	\$20.7M	\$44.5M
		Civil Engineering	\$12.3M	\$16.9M	\$29.2M
		Electrical, Electronic, and Communications Engineering	\$14.5M	\$13.7M	\$28.2M
		Industrial and Manufacturing Engineering	-	-	-
		Mechanical Engineering	\$13.6M	\$12.1M	\$25.6M
		Metallurgical and Materials Engineering	-	-	-
		Other Engineering	\$1.0M	\$14.1M	\$15.1M
	Physical Sciences	Astronomy and Astrophysics	\$4.8M	\$1.3M	\$6.1M
		Chemistry	\$12.2M	\$9.0M	\$21.2M
		Materials Science	-	\$0.2M	\$0.2M
		Other Physical Sciences	-	-	-
		Physics	\$18.2M	\$11.8M	\$30.0M
	Geosciences, Atmospheric Sciences, and Ocean Sciences	Atmospheric Science and Meteorology	-	-	-
		Geological and Earth Sciences	\$4.2M	\$4.2M	\$8.4M
		Ocean Sciences and Marine Sciences	\$7.1M	\$10.3M	\$17.4M
		Other Geosciences, Atmospheric Sciences, and Ocean Sciences	-	-	-
	Mathematics and Statistics	Mathematics and Statistics	\$3.3M	\$2.8M	\$6.1M
	Computer and Information Sciences	Computer and Information Sciences	\$26.5M	\$22.5M	\$49.0M
		Agricultural Sciences	\$12.1M	\$7.9M	\$20.1M
	Life Sciences	Biological and Biomedical Sciences	\$136.1M	\$70.5M	\$206.6M
		Health Sciences	\$103.0M	\$65.4M	\$168.4M
		Natural Resources and Conservation	\$7.1M	\$6.8M	\$14.0M
		Other Life Sciences	\$37.5M	\$23.5M	\$61.0M
	Psychology Social Sciences	Psychology	\$7.7M	\$8.9M	\$16.6M
		Anthropology	\$2.6M	\$1.3M	\$3.9M
		Economics	\$0.8M	\$2.0M	\$2.8M
		Other Social Sciences	\$3.1M	\$9.5M	\$12.7M
		Political Science and Government	\$0.3M	\$3.4M	\$3.6M
		Sociology, Demography, and Population Studies	\$3.8M	\$3.8M	\$7.6M
		Other Sciences	-	\$1.9M	\$1.9M
	Other Sciences	Other Sciences	-	\$1.9M	\$1.9M
NON-SCI & ENG FIELDS	Non-S&E Fields	Business Management and Business Administration	\$0.2M	\$3.0M	\$3.2M
		Communication and Communications Technologies	\$0.2M	\$0.9M	\$1.2M
		Education	\$13.4M	\$20.5M	\$33.9M
		Humanities	\$2.5M	\$3.6M	\$6.1M
		Law	-	-	-
		Other Non-Science and Engin.	-	-	-
		Other Non-Science and Engin. Fields	\$2.2M	\$7.1M	\$9.3M
		Social Work	-	\$0.2M	\$0.2M
		Visual and Performing Arts	\$0.4M	\$0.9M	\$1.4M

Note: All values of 0 are instead indicated by a "-" mark.

Amherst - FY 2024 Total Expenditures by Field (Federal and Non-Federal)					
Field Category	Field Group	Field	Federal	Non Federal	Grand Total
Grand Total			\$146.9M	\$134.9M	\$281.7M
SCI & ENG FIELDS	Engineering	Aerospace, Aeronautical, and Astronautical Engineering	-	-	-
		Bioengineering and Biomedical Engineering	\$3.6M	\$3.6M	\$7.1M
		Chemical Engineering	\$15.2M	\$12.5M	\$27.7M
		Civil Engineering	\$10.1M	\$12.0M	\$22.1M
		Electrical, Electronic, and Communications Engineering	\$7.8M	\$6.0M	\$13.9M
		Industrial and Manufacturing Engineering	-	-	-
		Mechanical Engineering	\$5.6M	\$5.0M	\$10.7M
		Metallurgical and Materials Engineering	-	-	-
		Other Engineering	\$0.5M	\$2.3M	\$2.8M
	Physical Sciences	Astronomy and Astrophysics	\$4.8M	\$1.3M	\$6.1M
		Chemistry	\$7.7M	\$4.6M	\$12.3M
		Materials Science	-	-	-
		Other Physical Sciences	-	-	-
		Physics	\$8.2M	\$4.3M	\$12.5M
	Geosciences, Atmospheric Sciences, and Ocean Sciences	Atmospheric Science and Meteorology	-	-	-
		Geological and Earth Sciences	\$3.2M	\$2.1M	\$5.3M
		Ocean Sciences and Marine Sciences	-	-	-
		Other Geosciences, Atmospheric Sciences, and Ocean Sciences	-	-	-
	Mathematics and Statistics	Mathematics and Statistics	\$2.0M	\$1.1M	\$3.0M
	Computer and Information Sciences	Computer and Information Sciences	\$18.1M	\$17.8M	\$35.9M
	Life Sciences	Agricultural Sciences	\$12.0M	\$7.9M	\$19.9M
		Biological and Biomedical Sciences	\$19.5M	\$10.0M	\$29.4M
		Health Sciences	\$8.5M	\$6.2M	\$14.7M
		Natural Resources and Conservation	\$5.5M	\$5.2M	\$10.7M
		Other Life Sciences	\$0.3M	\$8.4M	\$8.7M
	Psychology	Psychology	\$5.3M	\$3.3M	\$8.7M
	Social Sciences	Anthropology	\$2.3M	\$0.7M	\$3.0M
		Economics	\$0.8M	\$1.0M	\$1.8M
		Other Social Sciences	\$0.7M	\$2.6M	\$3.3M
		Political Science and Government	\$0.3M	\$0.3M	\$0.6M
		Sociology, Demography, and Population Studies	\$0.6M	\$0.5M	\$1.1M
	Other Sciences	Other Sciences	-	\$0.6M	\$0.6M
NON-SCI & ENG FIELDS	Non-S&E Fields	Business Management and Business Administration	-	\$2.1M	\$2.1M
		Communication and Communications Technologies	\$0.2M	\$0.8M	\$1.0M
		Education	\$2.2M	\$3.5M	\$5.7M
		Humanities	\$0.1M	\$1.7M	\$1.9M
		Law	-	-	-
		Other Non-Science and Engin. Fields	\$1.5M	\$7.0M	\$8.5M
		Social Work	-	-	-
		Visual and Performing Arts	\$0.1M	\$0.7M	\$0.8M

Note: All values of 0 are instead indicated by a "-" mark.

Boston - FY 2024 Total Expenditures by Field (Federal and Non-Federal)					
Field Category	Field Group	Field	Federal	Non Federal	Grand Total
Grand Total			\$28.7M	\$45.9M	\$74.6M
SCI & ENG FIELDS	Engineering	Aerospace, Aeronautical, and Astronautical Engineering	-	-	-
		Bioengineering and Biomedical Engineering	\$0.2M	-	\$0.2M
		Chemical Engineering	-	-	-
		Civil Engineering	-	-	-
		Electrical, Electronic, and Communications Engineering	\$0.7M	\$0.5M	\$1.2M
		Industrial and Manufacturing Engineering	-	-	-
		Mechanical Engineering	-	-	-
		Metallurgical and Materials Engineering	-	-	-
		Other Engineering	-	\$0.3M	\$0.3M
	Physical Sciences	Astronomy and Astrophysics	-	-	-
		Chemistry	\$1.1M	\$0.5M	\$1.6M
		Materials Science	-	-	-
		Other Physical Sciences	-	-	-
		Physics	\$0.7M	\$1.3M	\$2.0M
	Geosciences, Atmospheric Sciences, and Ocean Sciences	Atmospheric Science and Meteorology	-	-	-
		Geological and Earth Sciences	\$0.5M	\$1.7M	\$2.1M
		Ocean Sciences and Marine Sciences	\$0.3M	\$1.0M	\$1.2M
		Other Geosciences, Atmospheric Sciences, and Ocean Sciences	-	-	-
	Mathematics and Statistics	Mathematics and Statistics	\$0.4M	\$0.3M	\$0.7M
	Computer and Information Sciences	Computer and Information Sciences	\$0.7M	\$1.0M	\$1.7M
	Life Sciences	Agricultural Sciences	\$0.1M	-	\$0.2M
		Biological and Biomedical Sciences	\$3.9M	\$1.6M	\$5.4M
		Health Sciences	\$2.6M	\$1.4M	\$4.0M
		Natural Resources and Conservation	\$1.6M	\$1.7M	\$3.3M
		Other Life Sciences	-	-	-
	Psychology	Psychology	\$2.0M	\$4.2M	\$6.2M
	Social Sciences	Anthropology	\$0.2M	\$0.7M	\$0.9M
		Economics	-	\$0.1M	\$0.2M
		Other Social Sciences	\$0.4M	\$4.3M	\$4.7M
		Political Science and Government	-	\$2.9M	\$2.9M
		Sociology, Demography, and Population Studies	\$3.2M	\$3.1M	\$6.3M
	Other Sciences	Other Sciences	-	\$0.6M	\$0.6M
NON-SCI & ENG FIELDS	Non-S&E Fields	Business Management and Business Administration	-	\$0.8M	\$0.8M
		Communication and Communications Technologies	-	\$0.1M	\$0.1M
		Education	\$9.7M	\$16.1M	\$25.8M
		Humanities	-	\$1.5M	\$1.5M
		Law	-	-	-
		Other Non-Science and Engin. Fields	-	-	-
		Social Work	-	\$0.2M	\$0.2M
		Visual and Performing Arts	\$0.3M	\$0.2M	\$0.5M

Note: All values of 0 are instead indicated by a "-" mark.

Dartmouth - FY 2024 Total Expenditures by Field (Federal and Non-Federal)					
Field Category	Field Group	Field	Federal	Non Federal	Grand Total
Grand Total			\$14.8M	\$27.5M	\$42.4M
SCI & ENG FIELDS	Engineering	Aerospace, Aeronautical, and Astronautical Engineering	-	-	-
		Bioengineering and Biomedical Engineering	\$0.6M	\$1.0M	\$1.6M
		Chemical Engineering	-	-	-
		Civil Engineering	\$0.5M	\$2.7M	\$3.2M
		Electrical, Electronic, and Communications Engineering	\$2.0M	\$2.4M	\$4.4M
		Industrial and Manufacturing Engineering	-	-	-
		Mechanical Engineering	\$1.0M	\$1.9M	\$2.9M
		Metallurgical and Materials Engineering	-	-	-
		Other Engineering	-	\$0.4M	\$0.4M
	Physical Sciences	Astronomy and Astrophysics	-	-	-
		Chemistry	\$0.8M	\$1.8M	\$2.6M
		Materials Science	-	-	-
		Other Physical Sciences	-	-	-
		Physics	\$0.2M	\$0.9M	\$1.0M
	Geosciences, Atmospheric Sciences, and Ocean Sciences	Atmospheric Science and Meteorology	-	-	-
		Geological and Earth Sciences	-	-	-
		Ocean Sciences and Marine Sciences	\$6.9M	\$9.3M	\$16.2M
		Other Geosciences, Atmospheric Sciences, and Ocean Sciences	-	-	-
	Mathematics and Statistics	Mathematics and Statistics	\$0.8M	\$1.3M	\$2.1M
	Computer and Information Sciences	Computer and Information Sciences	\$1.2M	\$2.1M	\$3.4M
	Life Sciences	Agricultural Sciences	-	-	-
		Biological and Biomedical Sciences	\$0.3M	\$1.9M	\$2.1M
		Health Sciences	-	\$1.2M	\$1.2M
		Natural Resources and Conservation	-	-	-
		Other Life Sciences	-	-	-
	Psychology	Psychology	-	-	-
	Social Sciences	Anthropology	-	-	-
		Economics	-	-	-
		Other Social Sciences	-	\$0.1M	\$0.2M
		Political Science and Government	-	-	-
		Sociology, Demography, and Population Studies	-	-	-
	Other Sciences	Other Sciences	-	-	-
NON-SCI & ENG FIELDS	Non-S&E Fields	Business Management and Business Administration	-	-	-
		Communication and Communications Technologies	-	-	-
		Education	\$0.5M	\$0.4M	\$0.9M
		Humanities	-	-	-
		Law	-	-	-
		Other Non-Science and Engin.	-	-	-
		Social Work	-	-	-
		Visual and Performing Arts	-	\$0.1M	\$0.1M

Note: All values of 0 are instead indicated by a "-" mark.

Lowell - FY 2024 Total Expenditures by Field (Federal and Non-Federal)					
Field Category	Field Group	Field	Federal	Non Federal	Grand Total
Grand Total			\$59.7M	\$61.0M	\$120.7M
SCI & ENG FIELDS	Engineering	Aerospace, Aeronautical, and Astronautical Engineering	\$0.3M	\$0.2M	\$0.5M
		Bioengineering and Biomedical Engineering	\$2.3M	\$1.7M	\$3.9M
		Chemical Engineering	\$8.6M	\$8.2M	\$16.8M
		Civil Engineering	\$1.7M	\$2.2M	\$3.9M
		Electrical, Electronic, and Communications Engineering	\$4.1M	\$4.7M	\$8.8M
		Industrial and Manufacturing Engineering	-	-	-
		Mechanical Engineering	\$6.9M	\$5.2M	\$12.1M
		Metallurgical and Materials Engineering	-	-	-
		Other Engineering	\$0.5M	\$11.1M	\$11.6M
	Physical Sciences	Astronomy and Astrophysics	-	-	-
		Chemistry	\$2.4M	\$2.2M	\$4.6M
		Materials Science	-	\$0.2M	\$0.2M
		Other Physical Sciences	-	-	-
		Physics	\$9.1M	\$5.4M	\$14.5M
	Geosciences, Atmospheric Sciences, and Ocean Sciences	Atmospheric Science and Meteorology	-	-	-
		Geological and Earth Sciences	\$0.5M	\$0.5M	\$1.0M
		Ocean Sciences and Marine Sciences	-	-	-
		Other Geosciences, Atmospheric Sciences, and Ocean Sciences	-	-	-
	Mathematics and Statistics	Mathematics and Statistics	\$0.1M	\$0.1M	\$0.2M
	Computer and Information Sciences	Computer and Information Sciences	\$6.5M	\$1.6M	\$8.0M
	Life Sciences	Agricultural Sciences	-	-	-
		Biological and Biomedical Sciences	\$4.8M	\$3.7M	\$8.5M
		Health Sciences	\$5.3M	\$3.4M	\$8.8M
		Natural Resources and Conservation	-	-	-
		Other Life Sciences	-	\$3.5M	\$3.5M
	Psychology	Psychology	\$0.4M	\$1.3M	\$1.7M
	Social Sciences	Anthropology	-	-	-
		Economics	-	\$0.9M	\$0.9M
		Other Social Sciences	\$2.0M	\$2.5M	\$4.5M
		Political Science and Government	-	\$0.1M	\$0.1M
		Sociology, Demography, and Population Studies	-	\$0.3M	\$0.3M
	Other Sciences	Other Sciences	-	\$0.7M	\$0.7M
NON-SCI & ENG FIELDS	Non-S&E Fields	Business Management and Business Administration	\$0.2M	-	\$0.3M
		Communication and Communications Technologies	-	-	-
		Education	\$1.0M	\$0.5M	\$1.5M
		Humanities	\$2.4M	\$0.4M	\$2.7M
		Law	-	-	-
		Other Non-Science and Engin. Fields	\$0.7M	\$0.1M	\$0.8M
		Social Work	-	-	-
		Visual and Performing Arts	-	-	-

Note: All values of 0 are instead indicated by a "-" mark.

Medical School - FY 2024 Total Expenditures by Field (Federal and Non-Federal)					
Field Category	Field Group	Field	Federal	Non Federal	Grand Total
Grand Total			\$231.4M	\$118.2M	\$349.6M
SCI & ENG FIELDS	Engineering	Aerospace, Aeronautical, and Astronautical Engineering	-	-	-
		Bioengineering and Biomedical Engineering	-	-	-
		Chemical Engineering	-	-	-
		Civil Engineering	-	-	-
		Electrical, Electronic, and Communications Engineering	-	-	-
		Industrial and Manufacturing Engineering	-	-	-
		Mechanical Engineering	-	-	-
		Metallurgical and Materials Engineering	-	-	-
		Other Engineering	-	-	-
	Physical Sciences	Astronomy and Astrophysics	-	-	-
		Chemistry	-	-	-
		Materials Science	-	-	-
		Other Physical Sciences	-	-	-
		Physics	-	-	-
	Geosciences, Atmospheric Sciences, and Ocean Sciences	Atmospheric Science and Meteorology	-	-	-
		Geological and Earth Sciences	-	-	-
		Ocean Sciences and Marine Sciences	-	-	-
		Other Geosciences, Atmospheric Sciences, and Ocean Sciences	-	-	-
	Mathematics and Statistics	Mathematics and Statistics	-	-	-
	Computer and Information Sciences	Computer and Information Sciences	-	-	-
	Life Sciences	Agricultural Sciences	-	-	-
		Biological and Biomedical Sciences	\$107.7M	\$53.4M	\$161.1M
		Health Sciences	\$86.4M	\$53.3M	\$139.7M
		Natural Resources and Conservation	-	-	-
		Other Life Sciences	\$37.3M	\$11.5M	\$48.8M
	Psychology	Psychology	-	-	-
	Social Sciences	Anthropology	-	-	-
		Economics	-	-	-
		Other Social Sciences	-	-	-
		Political Science and Government	-	-	-
		Sociology, Demography, and Population Studies	-	-	-
	Other Sciences	Other Sciences	-	-	-
NON-SCI & ENG FIELDS	Non-S&E Fields	Business Management and Business Administration	-	-	-
		Communication and Communications Technologies	-	-	-
		Education	-	-	-
		Humanities	-	-	-
		Law	-	-	-
		Other Non-Science and Engin. Fields	-	-	-
		Social Work	-	-	-
		Visual and Performing Arts	-	-	-

Note: All values of 0 are instead indicated by a "-" mark.

FY 2019 - FY 2024 R&D Expenditures in Dollars (Millions) by Source - Details

Source	Campus Name	Fiscal Year					
		2019	2020	2021	2022	2023	2024
Federal	Amherst	\$117.4M	\$116.2M	\$116.3M	\$129.0M	\$138.8M	\$146.9M
	Boston	\$25.1M	\$27.6M	\$23.7M	\$23.1M	\$27.1M	\$28.7M
	Dartmouth	\$7.4M	\$6.5M	\$8.2M	\$11.2M	\$13.7M	\$14.8M
	Lowell	\$35.3M	\$41.3M	\$48.2M	\$62.2M	\$61.4M	\$59.7M
	Medical School	\$197.4M	\$192.9M	\$248.9M	\$258.1M	\$223.5M	\$231.4M
	Presidents Office	\$0.5M	\$0.5M	\$0.3M	-	-	-
	UMASS System	\$383.0M	\$385.0M	\$445.6M	\$483.7M	\$464.6M	\$481.4M
State & Local	Amherst	\$12.4M	\$7.8M	\$8.6M	\$12.6M	\$11.5M	\$14.3M
	Boston	\$2.4M	\$3.3M	\$7.1M	\$8.9M	\$7.2M	\$9.4M
	Dartmouth	\$1.6M	\$1.6M	\$1.4M	\$1.5M	\$2.9M	\$2.0M
	Lowell	\$6.4M	\$8.5M	\$4.2M	\$2.6M	\$4.4M	\$3.0M
	Medical School	\$0.5M	\$1.4M	\$5.4M	\$2.9M	\$3.0M	\$1.0M
	Presidents Office	\$3.2M	\$3.5M	\$2.4M	-	-	-
	UMASS System	\$26.5M	\$26.2M	\$29.2M	\$28.5M	\$29.0M	\$29.7M
Institutional	Amherst	\$70.9M	\$75.3M	\$72.0M	\$79.6M	\$90.4M	\$95.8M
	Boston	\$28.2M	\$25.4M	\$25.5M	\$25.6M	\$27.2M	\$26.2M
	Dartmouth	\$17.4M	\$16.8M	\$16.9M	\$18.7M	\$22.0M	\$22.1M
	Lowell	\$36.7M	\$36.0M	\$36.6M	\$39.1M	\$39.7M	\$47.0M
	Medical School	\$43.2M	\$45.3M	\$49.1M	\$49.9M	\$50.5M	\$58.2M
	Presidents Office	\$0.2M	\$0.3M	\$0.3M	-	-	-
	UMASS System	\$196.6M	\$199.1M	\$200.3M	\$212.9M	\$229.9M	\$249.2M
Other	Amherst	\$3.5M	\$3.6M	\$3.7M	\$6.7M	\$6.3M	\$5.4M
	Boston	\$0.6M	\$0.2M	\$0.4M	\$0.6M	\$0.3M	\$0.5M
	Dartmouth	\$0.2M	\$0.3M	\$0.2M	\$0.3M	\$0.3M	\$0.2M
	Lowell	\$1.1M	\$1.9M	\$0.7M	\$0.7M	\$1.7M	\$1.2M
	Medical School	\$7.1M	\$4.8M	\$7.7M	\$5.4M	\$7.6M	\$7.3M
	Presidents Office	\$0.1M	\$0.1M	-	-	-	-
	UMASS System	\$12.6M	\$10.8M	\$12.7M	\$13.7M	\$16.2M	\$14.4M
Industry-Sponsored : Business	Amherst	\$10.0M	\$7.7M	\$7.7M	\$8.6M	\$9.2M	\$9.1M
	Boston	\$1.7M	\$2.1M	\$2.2M	\$2.0M	\$2.4M	\$2.1M
	Dartmouth	\$1.1M	\$1.4M	\$1.5M	\$1.0M	\$1.8M	\$2.2M
	Lowell	\$3.5M	\$3.3M	\$3.4M	\$4.5M	\$7.6M	\$5.7M
	Medical School	\$16.4M	\$15.1M	\$16.7M	\$20.9M	\$21.9M	\$23.2M
	Presidents Office	\$0.3M	\$0.2M	-	-	-	-
	UMASS System	\$33.0M	\$29.7M	\$31.5M	\$37.0M	\$42.9M	\$42.4M
Industry-Sponsored : Nonprofit organizations	Amherst	\$9.0M	\$8.9M	\$5.5M	\$8.6M	\$12.4M	\$10.2M
	Boston	\$4.1M	\$5.6M	\$4.8M	\$5.0M	\$6.7M	\$7.7M
	Dartmouth	\$0.3M	\$0.3M	\$0.5M	\$0.4M	\$1.3M	\$1.2M
	Lowell	\$1.1M	\$1.3M	\$1.7M	\$2.1M	\$2.5M	\$4.0M
	Medical School	\$16.9M	\$19.5M	\$19.5M	\$21.0M	\$20.3M	\$28.6M
	Presidents Office	\$0.6M	\$0.6M	\$0.5M	-	-	-
	UMASS System	\$32.0M	\$36.2M	\$32.5M	\$37.1M	\$43.2M	\$51.7M
Grand Total		\$683.7M	\$687.0M	\$751.9M	\$812.9M	\$825.7M	\$869.0M

Note: All values of 0 are instead indicated by a "-" mark.