



REPORT | SEPTEMBER 2024



MAKING A COMEBACK

A REVIEW OF FEDERAL INFRASTRUCTURE GRANTS

AND THE COMPETITION FOR FEDERAL FUNDS

Making a Comeback: A Review of Federal Infrastructure Grants and the Competition for Federal Funds

September 2024

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Executive Summary

For the past three years, Massachusetts has participated in a national competition for federal infrastructure funding. In November 2021, President Biden signed into law the Bipartisan Infrastructure Law (BIL), which provided unprecedented levels of federal funding for public infrastructure, including transportation projects, clean energy, water and sewer systems, and broadband internet. The BIL also changed the process for how the federal government distributes infrastructure aid, placing a heavy emphasis on “competitive” grant programs. States, municipalities, and other eligible applicants would need to proactively apply for infrastructure funds and the federal government would decide on the winning projects. This represented a shift from the longstanding approach to providing federal aid primarily through “formula funding” programs that guarantee state governments a portion of the total federal aid, based on predetermined factors like state population, land size, and road miles. In August of 2022, the Inflation Reduction Act (IRA) became law and included additional competitive grant programs.

This report will analyze the outcomes of competitive grants supported by the BIL and IRA, through one hundred and thirty-six grant programs, managed by eleven different federal agencies, totaling over \$200 billion in grant funds. To understand Massachusetts’ performance relative to other states, this report shows the location of every dollar awarded from these competitive grant programs. Also, considering the federal government has only awarded about half of the BIL and IRA grant funds to date, this report offers valuable context and insights as Massachusetts continues to pursue infrastructure funding.

This report shows that Massachusetts is performing slightly above average in securing competitive grant funds, ranking 17th in the nation in total funding awarded. However, this metric does not capture the Commonwealth’s dramatic improvement in securing funds in the past year. Since October 1, 2023, the Commonwealth ranks 7th in the nation for winning federal infrastructure grants, whereas ten months ago, Massachusetts stood at 34th.

The data shows that Massachusetts is indeed making a comeback, but the race for competitive infrastructure grants will continue for the next three years. This report provides specific recommendations on the opportunities for Massachusetts to sustain this recent success under the Healey-Driscoll Administration and continue winning federal funding for infrastructure projects that build the future of the Commonwealth.

A Note on Methodology

Information for this report is gathered from federal agency spending reports, press releases, and dashboard resources made available through www.Build.gov and the Biden-Harris Administration. This includes public announcements about the BIL and IRA made between November 2021 through the two-year anniversary of the Inflation Reduction Act of August 16, 2024. This data aims to evaluate only the federal grant programs where Massachusetts is eligible, so it excludes a limited number of federal infrastructure grant programs that are intended for other parts of the country, such as programs for the Mississippi River Delta region, grants made available through the Denali Commission of Alaska, or grants to restore and protect the Puget Sound area in Washington State.

Also, whenever a grant is awarded for a project that will be spent in multiple states, the total grant award is shown as split between these states (i.e., The Brent Spence Bridge Corridor Project that connects Ohio and Kentucky won a \$1.385 billion grant from the USDOT Bridge Investment Program. For this project in the report, the state charts will show \$692.5 million for Kentucky and \$692.5 million for Ohio.)

This data groups together competitive grant awards by state, so funding shown as awarded to Massachusetts will include grants given to Massachusetts state government, municipalities, independent authorities like the MBTA, Massport etc., as well as and private sector companies located in the Commonwealth.

This report does not examine any federal formula funding, nor awards from the federal “CHIPS and Science Act,” which do present significant opportunities for state governments. It is worth noting that the Biden-Harris Administration selected Massachusetts to be the location for a new national hub for the federal Advanced Research Projects Agency for Health (ARPA-H).¹ Massachusetts also won a \$19.7 million grant from the CHIPS Act to establish the “Northeast Microelectronics Coalition Hub” that will support microelectronics needs of the Department of Defense.² These are both noteworthy wins for the Commonwealth, but neither are funded through the BIL or IRA competitive grant programs and are therefore not included in the data for funding shown in this report.

A detailed list of all projects awarded in Massachusetts is listed in Appendix A.

¹ [Mass.gov Press release](#), 9/26/23

² [Mass.gov Press release](#), 9/21/23

Chapter 1: Key Findings

Key Finding #1: Since November 2021, Massachusetts has received almost \$4.3 billion out of \$209.4 billion awarded from the competitive and discretionary grant programs in the Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA). This represents just over 2% of the total amount awarded to-date to Massachusetts.

According to Census data, Massachusetts is just over 2% of the population in the United States.

Federal Agency	Total Awarded from Grants	Awarded to Massachusetts	% of Total Awarded to Massachusetts
US Department of Agriculture	2,972,893,678	7,053,333	0.24%
US Department of Commerce	43,695,295,680	156,553,156	0.36%
US Department of Energy	30,995,168,669	398,888,509	1.29%
Environmental Protection Agency (EPA)	31,380,853,641	901,862,546	2.87%
Federal Communications Commission (FCC)	70,408,095	550,000	0.78%
Federal Emergency Management Agency (FEMA)	3,091,993,087	72,716,289	2.35%
General Services Administration (GSA)	4,938,784,000	24,200,000	0.49%
US Department of the Interior	3,566,143,267	11,814,361	0.33%
National Oceanic & Atmospheric Administration (NOAA)	833,330,290	40,965,421	4.92%
US Army Corp of Engineers	13,876,485,364	70,209,000	0.51%
US Department of Transportation	74,028,496,216	2,614,767,925	3.53%
Total	209,449,851,986	4,299,580,540	2.05%

Key Finding #2: Since November 2021, Massachusetts ranks 17th of the 50 states in terms of Total Awarded from the BIL and IRA competitive grant programs.

Below is a list of the total awards to states, with California winning over \$21 billion, Texas over \$13 billion, etc.

Total Awarded State Rank	State	Total Awarded from Grants
1	California	21,019,853,010
2	Texas	13,457,346,458
3	New York	11,068,646,014
4	Maryland	8,865,604,681
5	Pennsylvania	7,318,872,583
6	Illinois	7,033,098,095
7	New Jersey	6,215,814,993
8	Florida	6,214,665,934
9	Michigan	6,138,041,417
10	Washington	6,083,364,300
11	North Carolina	5,473,237,550
12	Louisiana	5,041,127,302
13	Ohio	4,828,658,612
14	Virginia	4,816,599,689
15	Oregon	4,691,079,589
16	Kentucky	4,371,485,062
17	Massachusetts	4,299,580,540

Key Finding #3: Since October 1, 2023, Massachusetts ranks 7th in total awarded from grants.

Total Awarded State Rank	State	Total Awarded from Grants Since 10.1.2023
1	California	10,301,972,969
2	Maryland	7,823,018,711
3	New York	7,381,732,553
4	Texas	3,470,171,367
5	New Jersey	3,353,836,914
6	Pennsylvania	2,942,161,959
7	Massachusetts	2,784,129,215
8	Oregon	2,664,831,582
9	Connecticut	2,537,128,848
10	North Carolina	2,438,297,672

Key Finding #4: Between November 2021 and October 1, 2023, Massachusetts ranked 34th in total awarded from grants.

Total Award Rank	State	Total Awarded from Grants Before 10.1.2023
1	California	10,717,880,041
2	Texas	9,987,175,092
3	Illinois	4,911,231,072
4	Michigan	4,379,764,708
5	Pennsylvania	4,376,710,624
6	Florida	4,086,720,838
7	Washington	3,970,686,573
8	Louisiana	3,754,422,417
9	New York	3,686,913,461
10	Kentucky	3,530,095,598
11	Ohio	3,241,217,675
12	Alaska	3,161,594,681
13	North Carolina	3,034,939,879
14	Virginia	2,985,335,950
15	Missouri	2,980,252,038
16	New Jersey	2,861,978,079
17	Colorado	2,592,467,842
18	Arizona	2,407,855,911
19	Alabama	2,322,276,313
20	Georgia	2,285,097,175
21	Minnesota	2,278,749,424
22	Mississippi	2,232,381,940
23	Wyoming	2,108,855,837
24	Oklahoma	2,068,415,206
25	Oregon	2,026,248,007
26	Montana	2,011,271,121
27	Tennessee	1,998,342,801
28	West Virginia	1,911,980,056
29	Arkansas	1,855,783,257
30	Indiana	1,830,326,358
31	Wisconsin	1,811,988,775
32	North Dakota	1,763,270,669
33	New Mexico	1,748,553,836
34	Massachusetts	1,515,451,325

Key Finding #5: There is no relationship between winning competitive grant funding and being a “Swing State” in the 2024 Presidential Election with total awarded since 2021.

According to the Cook Political Report, there are seven “Swing States” in the upcoming election: Arizona, Georgia, Michigan, North Carolina, Nevada, Pennsylvania, and Wisconsin.¹

Total Awarded State Rank	State	Total Awarded from Grants
5	Pennsylvania	7,318,872,583
9	Michigan	6,138,041,417
11	North Carolina	5,473,237,550
17	Massachusetts	4,299,580,540
23	Georgia	3,533,184,202
25	Arizona	3,346,043,647
27	Nevada	3,062,869,632
31	Wisconsin	2,856,881,573

Nor is Massachusetts at a disadvantage since October 1, 2023, compared to the “Swing States.”

Total Awarded State Rank	State	Total Awarded from Grants Since 10.1.2023
6	Pennsylvania	2,942,161,959
7	Massachusetts	2,784,129,215
10	North Carolina	2,438,297,672
14	Nevada	1,962,194,354
16	Michigan	1,758,276,709
22	Georgia	1,248,087,027
25	Wisconsin	1,044,892,797
27	Arizona	938,187,736

¹ <https://www.cookpolitical.com/survey-research/2024-swing-state-project/14Aug2024-toplines>

Key Finding #6: Since November 2021, Massachusetts ranks 30th in terms of grants awarded on a per capita basis. This list excludes the District of Columbia, Puerto Rico, and other U.S. Territories.

State Per Capita Rank	State	Total Awarded from Grants	Amount Awarded Per Capita
1	Alaska	4,215,918,868	\$ 5,747.02
2	Wyoming	2,327,393,776	\$ 4,003.22
3	North Dakota	2,875,524,867	\$ 3,690.07
4	Montana	2,876,291,797	\$ 2,561.56
5	Vermont	1,116,597,734	\$ 1,725.64
6	Maryland	8,865,604,681	\$ 1,438.13
7	South Dakota	1,258,328,641	\$ 1,383.05
8	West Virginia	2,412,421,568	\$ 1,358.99
9	Rhode Island	1,268,161,805	\$ 1,159.48
10	Maine	1,592,056,586	\$ 1,149.22
11	New Mexico	2,348,265,634	\$ 1,111.16
12	Oregon	4,691,079,589	\$ 1,106.35
13	Louisiana	5,041,127,302	\$ 1,098.23
14	Connecticut	3,618,717,929	\$ 997.94
15	Mississippi	2,871,540,508	\$ 976.70
16	Kentucky	4,371,485,062	\$ 968.79
17	Nevada	3,062,869,632	\$ 963.84
18	Delaware	884,035,503	\$ 868.07
19	Arkansas	2,455,696,026	\$ 806.30
20	Washington	6,083,364,300	\$ 781.34
21	Hawaii	1,060,353,992	\$ 736.26
22	Nebraska	1,425,118,117	\$ 724.17
23	New Jersey	6,215,814,993	\$ 671.13
24	Colorado	3,858,963,080	\$ 660.79
25	Oklahoma	2,627,298,617	\$ 653.59
26	Iowa	2,088,144,530	\$ 652.44
27	Alabama	3,286,854,266	\$ 647.75
28	Minnesota	3,693,286,972	\$ 646.00
29	Idaho	1,200,266,014	\$ 619.00
30	Massachusetts	4,299,580,540	\$ 615.81

Key Finding #7: Massachusetts is ranked #1 in New England.

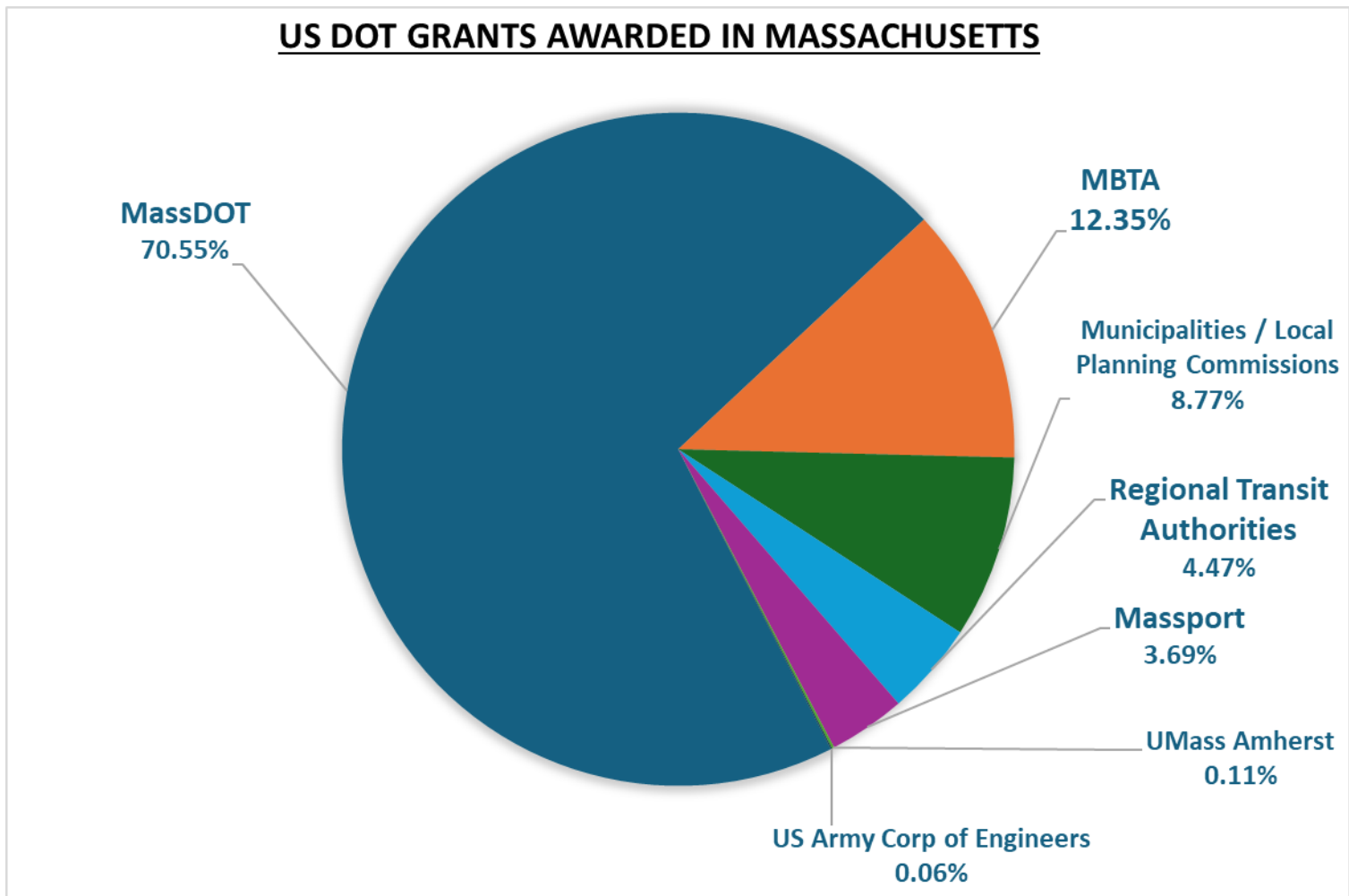
Total Awarded New England State Rank	State	Total Awarded from Grants
1	Massachusetts	4,299,580,540
2	Connecticut	3,618,717,929
3	Maine	1,592,056,586
4	Rhode Island	1,268,161,805
5	Vermont	1,116,597,734
6	New Hampshire	817,335,354

Key Finding #8: Since November 2021, with grants awarded by the U.S. Department of Transportation (USDOT), Massachusetts ranks 6th.

Total Awarded State Rank	State	Total Awarded from USDOT Grants
1	California	10,069,674,958
2	New York	7,956,059,856
3	Maryland	7,724,081,392
4	New Jersey	3,761,801,166
5	Washington	2,642,943,049
6	Massachusetts	2,614,767,925
7	Connecticut	2,544,192,663
8	Pennsylvania	2,307,619,757
9	North Carolina	2,138,812,787
10	Nevada	2,048,504,163

Key Finding #9: Of this \$2.6 billion awarded to Massachusetts from USDOT, MassDOT has won \$1.8 billion (71%), with the MBTA winning \$323 million (12%), and municipal/local government projects receiving \$229 million (8.8%).

State Organization / Group	Total Awarded Amount	% of MA's Total Transportation Funding
MassDOT	1,844,078,420	70.53%
MBTA	322,787,737	12.34%
Municipalities / Local Planning Commissions	229,962,933	8.79%
Regional Transit Authorities	116,845,335	4.47%
Massport	96,500,000	3.69%
UMass Amherst	3,000,000	0.11%
US Army Corp of Engineers	1,593,500	0.06%
Total USDOT Grant Funding Awarded to Massachusetts	2,614,767,925	



Key Finding #10: Massachusetts's largest award is for the Sagamore Bridge project, which received a total of \$1.36 billion through two different grant programs, followed by \$335 million for the I-90 Allston Multimodal Project.

Applicant	Project Name	Awarded Amount
MassDOT	Sagamore Bridge Project - (Bridge Investment Program)	993,122,325
MassDOT	Sagamore Bridge Project - (MEGA Grant)	371,870,542
MassDOT	I-90 Allston Multimodal Project	335,374,775
MA Dept of Energy Resources	Massachusetts' Solar for All Program	156,120,000
MA Broadband Institute	Broadband Equity, Access, and Deployment (BEAD) program - State Allocation	147,422,464
MBTA	Purchase of new battery-electric buses	116,000,000
MassDOT	Early Actions for the Inland Route Project (West-East Rail)	108,085,280
Coalition that includes MA Dept of Energy Resources	New England Heat Pump Accelerator *	90,000,000
Sublime Systems, Inc	First Commercial Electrochemical Cement Manufacturing	86,900,000
City of New Bedford	EPA Superfund grant	72,700,000
MA DEP	MA Clean Water State Revolving Fund Grant	70,769,000
MBTA	Green Line Station Upgrades at 14 stops along the Green Line	67,609,672
MBTA	Symphony Station Renovation and Accessibility Improvements	66,602,931
	*5 States in New England will share a \$450 million grant for this project, so this report assumes at least \$90	

Key Finding #11: The largest award in the nation is a \$4.7 billion grant to Maryland to replace the Frederick Douglas Tunnel to improve rail service and upgrade stations near Baltimore.

The Hudson Tunnel Project between New York and New Jersey will receive \$3.8 billion. California won a \$3 billion grant for high-speed rail and another \$3 billion award that is shared with Nevada. Maryland also won another \$2 billion award for the Susquehanna River Bridge replacement.

State	Project Name	Awarded Amount
Maryland	B&P Tunnel Replacement Program: Frederick Douglass Tunnel	4,707,571,556
New York & New Jersey	Hudson Tunnel Project Systems and Fit Out	3,799,999,820
Texas	BEAD State Allocation	3,312,616,455
California	California Inaugural High-Speed Rail Service Project	3,073,600,000
California & Nevada	Brightline West High-Speed Intercity Passenger Rail System Project	3,000,000,000
Maryland	Susquehanna River Bridge Replacement Program	2,081,215,000
Wyoming	TerraPower, LLC – Sodium Reactor	1,560,510,000
California	BEAD State Allocation	1,864,136,509
Missouri	BEAD State Allocation	1,736,302,708
New York	Penn Station Access	1,643,579,904

Key Finding #12: Massachusetts did not receive any money from several grant programs that have already distributed over \$60 billion. If Massachusetts had received 2% in these programs—the same rate of success as all other infrastructure grant programs—this would mean an additional \$1.2 billion for infrastructure projects in the Commonwealth.

The report did not investigate whether Massachusetts submitted applications to all these programs in the past two years, but it recommends pursuing these programs in future grant rounds over the next three years, especially in the two large Passenger Railroad programs which have already distributed over \$24 billion for intercity rail projects, (i.e., Amtrak infrastructure). Here is list of federal programs that have awarded over \$100 million in grants nationwide, without any funding going to Massachusetts.

Agency	Discretionary Grant Program	Total Awarded Nationwide	Awarded to Massachusetts
USDOT	Intercity Passenger Rail Program for Northeast Corridor Projects	16,412,524,602	-
USDOT	Intercity Passenger Rail Program for National Projects	8,185,997,586	-
Energy	Regional Clean Hydrogen Hubs (H2Hubs)	7,000,000,000	-
USDOT	Nationally Significant Multimodal Freight & Highway Projects program (INFRA)	4,425,800,000	-
USDOT	FTA Capital Infrastructure Grants (CIG)	4,052,219,283	-
Agriculture	ReConnect Program for rural e-connectivity	2,886,449,399	-
Energy	Battery Material Processing Grants & Battery Manufacturing and Recycling Grants	2,831,889,724	-
Energy	Advanced Reactor Demonstration Program	2,477,000,000	-
Energy	Domestic Manufacturing Conversion Grant Program	1,727,047,139	-
USDOT	FTA Rail Vehicle Replacement Program	1,333,956,341	-
Energy	Regional Direct Air Capture (DAC) Hubs program	1,200,000,000	-
Energy	Civil Nuclear Credit (CNC) Program	1,100,000,000	-
Commerce	Enabling Middle Mile Broadband Infrastructure Program	979,998,025	-
USDOT	Rural Surface Transportation Grant Program (Rural)	892,560,000	-
Energy	Carbon Capture Demonstration Projects Program	890,000,000	-
Interior	Aging Infrastructure Account	835,270,354	-
Interior	Rural Water Projects	746,000,000	-
Interior	Orphaned Well Site Plugging, Remediation, And Restoration	691,267,664	-
Energy	Carbon Storage Validation and Testing Program	686,733,433	-
FEMA	Flood Mitigation Assistance	642,098,017	-
USDOT	FRA Railroad Crossing Elimination Program (RCE)	570,982,420	-
Interior	Water & Groundwater Storage and Conveyance	380,999,999	-
Energy	Carbon Capture Large-Scale Pilot Projects	304,000,000	-
Energy	Advanced Energy Manufacturing and Recycling Program	275,000,000	-
USDOT	Fueling Aviation's Sustainable Transition (FAST) Grants	272,433,499	-
Energy	Accelerate Electric Heat Pump Manufacturing	254,381,547	-
Interior	WaterSMART Grants	240,001,647	-
USDOT	National Significant Federal Lands and Tribal Projects Program	218,838,129	-
Interior	Energy and Minerals Research Facility	167,000,000	-
USDOT	Reduction of Truck Emissions at Port Facilities (RTEPF) Grant Program	148,042,258	-
US Army Corp	Flood Control and Coastal Emergencies Spending Plan	132,967,000	-
Interior	Dam Safety Program	100,000,000	-

Chapter 2: Key Recommendations

1) Concentrate on the grant programs where Massachusetts has not yet received funding and the federal agencies where the Commonwealth is currently underperforming.

To continue the recent momentum of the last year, Massachusetts should focus on grant programs where we are not currently winning our fair share. By learning from these missed opportunities, Massachusetts can capitalize on future grant rounds.

For nearly every competitive grant program funded by the BIL and IRA, there will be multiple opportunities to secure additional funding over the next three years. Massachusetts showed significant progress in 2023 by learning from missed opportunities in 2022. During the first year of the BIL grants, Massachusetts applied to three different programs for the Cape Cod Bridges, and once for the I-90 Allston Multimodal Project. These 2022 applications requested over \$3 billion in federal funds, but unfortunately only resulted in \$1.6 million of federal grant funds to study the Cape Cod Bridge project.

In 2023, under the leadership of Governor Healey and her federal funding infrastructure team, Massachusetts learned from these failed applications and produced stronger arguments in the second grant round. This second round resulted in Massachusetts winning over \$1.7 billion combined for the Sagamore Bridge and the I-90 Allston Multimodal Project.

Understanding where the Commonwealth is not winning grants can be a key strategy for future success. The biggest opportunity should be in the [Intercity Passenger Rail program](#), where the BIL included \$24 billion over five years for the rail improvements in the Northeast Corridor, the network of railways between Washington D.C. and Boston. Last year, the Federal Railroad Administration (FRA) announced over \$16 billion of projects, but unfortunately no projects are in Massachusetts. The Commonwealth should be well positioned to take advantage of future grant rounds so that Massachusetts' rail system is not shutout from this large infrastructure grant program. A similar approach is justified for the FTA's Capital Infrastructure Grants (aka New Starts program), and the Federal Transit Administration's Rail Vehicle Replacement Program.

In terms of federal agencies, Massachusetts is showing great success with the U.S. Department of Transportation, but Massachusetts ranks 47th with funding from the U.S. Department of Commerce grants, 33rd with the Department of Agriculture, and 30th with funding from the U.S. Army Corp of Engineers.

Chapter 2: Key Recommendations

2) Create state matching funds to help improve future grant applications.

Governor Healey proposed a plan to transfer \$800 million from the state's Rainy Day Fund to a dedicated fund for federal infrastructure grant matching funds. Both the House of Representatives and Senate passed different versions of this bill (H.4446 / S.2554), but it has not yet completed the legislative process. This bill would significantly help the Commonwealth win federal money, if it becomes law.

Whenever the Commonwealth applies for a federal grant, the federal agencies evaluate if state funds are available to support the state's commitment to a project. Part of the reason why the Commonwealth fared so poorly in the first round of grant applications submitted in 2022 is the U.S. Department of Transportation did not feel Massachusetts could afford the matching funds for the Cape Cod Bridges and the I-90 Allston Multimodal Project. In 2023, when MassDOT reapplied for funding under the Healey-Driscoll Administration, the state applications addressed this concern by showing the federal government stronger state finance plans for these large projects. The application for I-90 Allston Multimodal Project contained a new finance plan that included some funding from the newly enacted Millionaire's Amendment/Fair Share surtax. As stated previously, the applications resubmitted by the Healey-Driscoll Administration ultimately led to \$1.7 billion in federal funds for the two projects.

If Massachusetts state government creates another dedicated fund to match future federal grants, it will greatly improve the Commonwealth's standing when applying for grants in the next few years.

3) Support future grant applications by getting projects "shovel-ready"

Both the BIL and IRA offer five years of competitive grant opportunities. Many of these federal grant programs are still in the second or third years of this five-year plan. This means that Massachusetts can pursue numerous opportunities to secure federal grants for big projects.

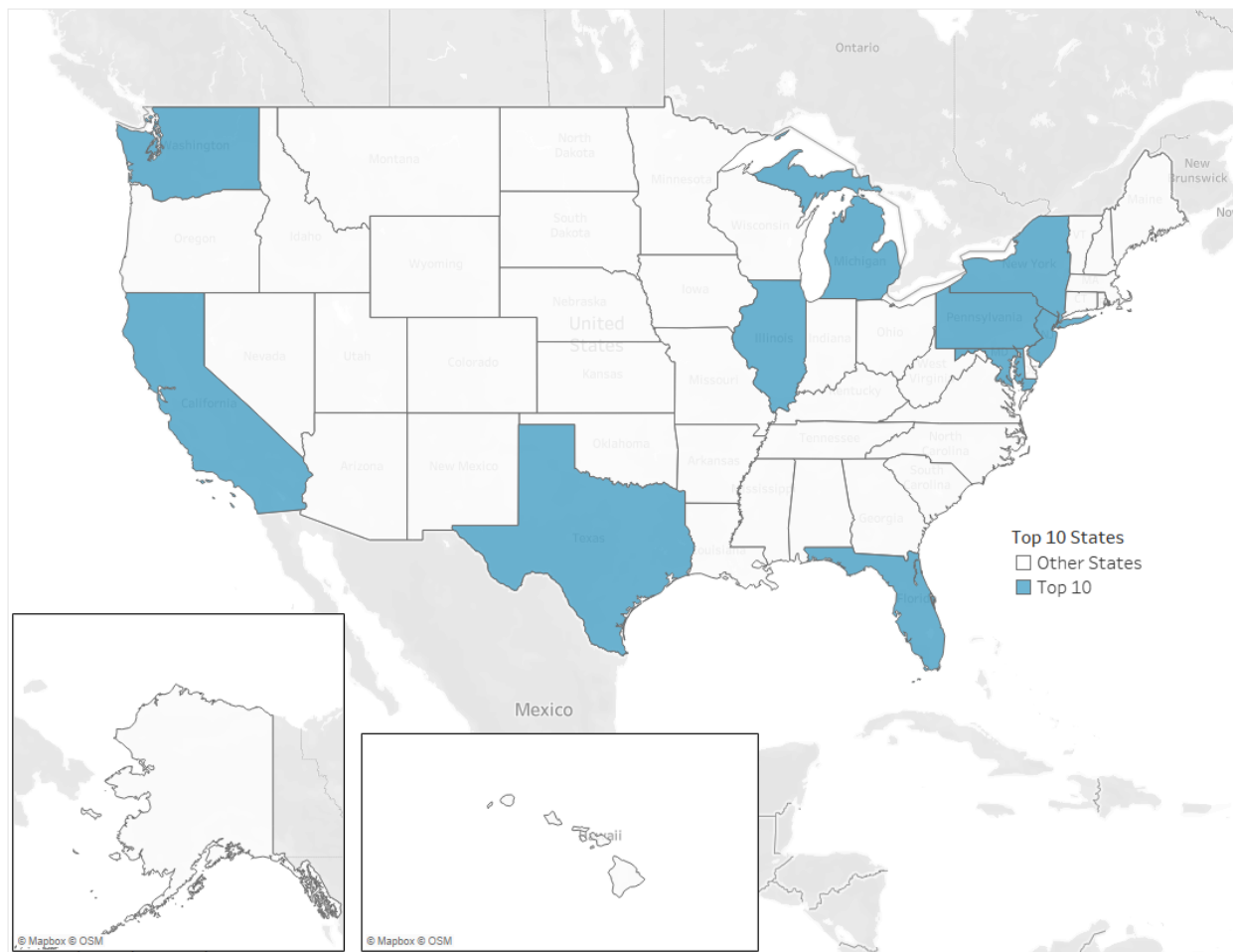
The Massachusetts State government capital plan that allocated state resources to agencies like MassDOT, the Executive Office of Energy and Environmental Affairs, and other executive branch agencies can help improve upcoming grant applications by getting projects aligned with the timelines associated with federal grant programs. The state capital plan can accelerate early design and permitting for any project that will seek federal grants in the BIL and IRA grant programs.

By investing in this design work for projects that will eventually seek federal grants, or for the projects that have previously applied but failed to win federal money, Massachusetts would significantly increase its chances of success in future grant rounds and ultimately see likely see high return on the initial state capital fund's investment.

Chapter 3: Top Ten States

Top 10 States in Total Awarded from BIL & IRA Competitive Grant Programs

- Massachusetts currently ranks 17th in Total Awarded from competitive grant programs

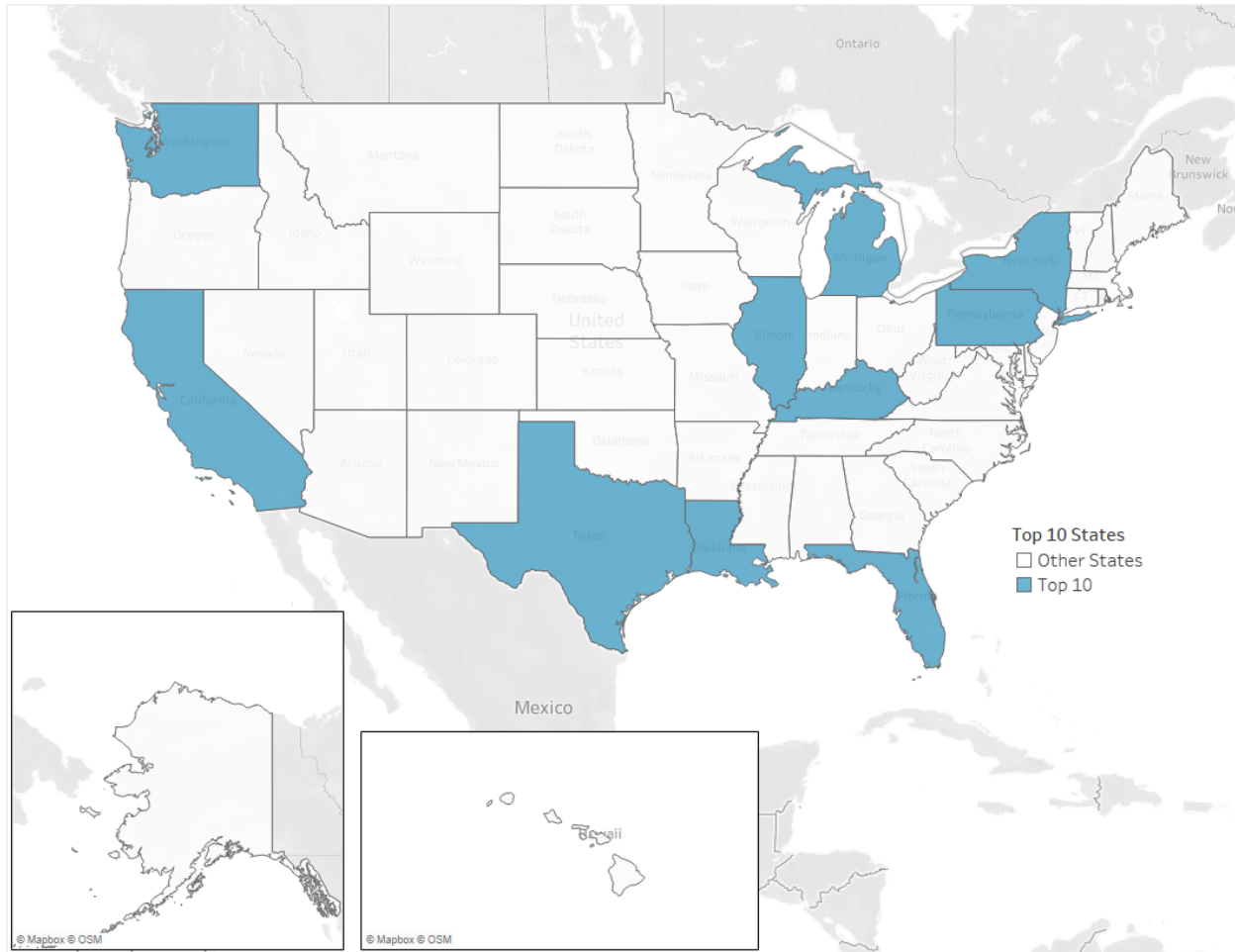


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Chapter 3: Top Ten States

Top 10 States in Total Awarded Between November 2021 and October 1, 2023

- Massachusetts ranked 34th last October.



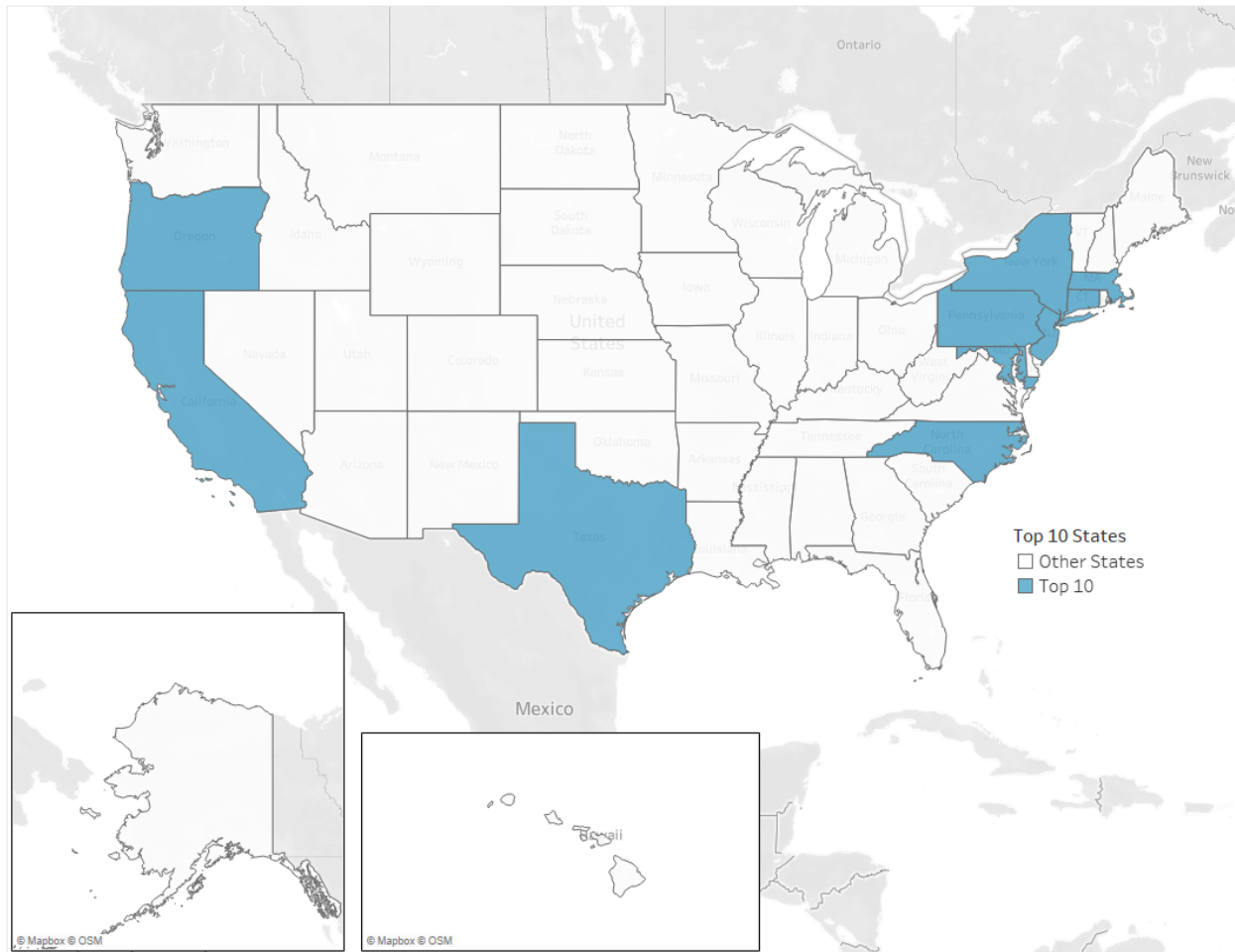
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Chapter 3: Top Ten States

Top 10 States in Total Awarded Since October 1, 2023

- Massachusetts ranks 7th in Total Awarded Since Last October

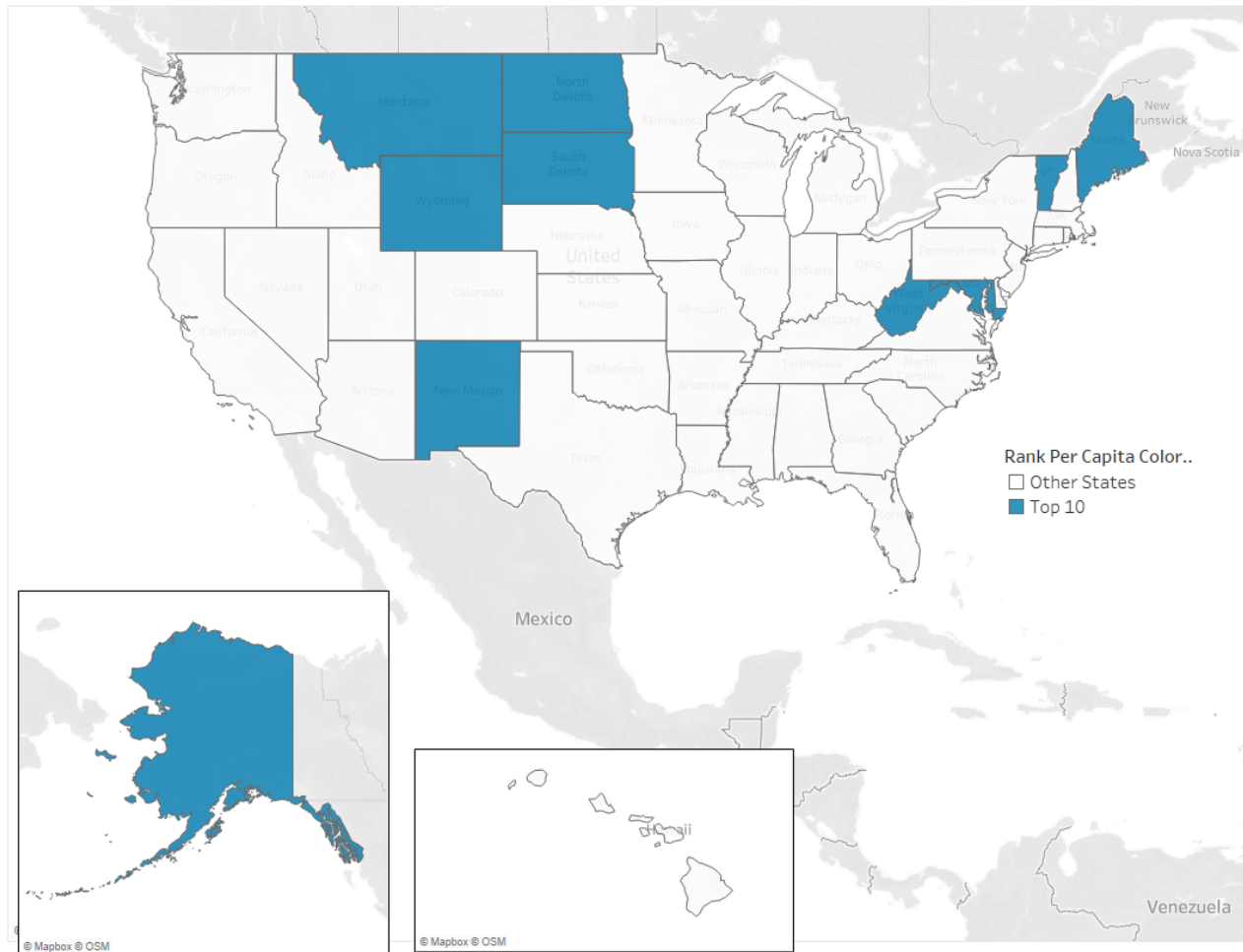


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Chapter 3: Top Ten States

Top 10 States in Total Awarded on a Per Capita Basis

- Massachusetts currently ranks 30th on a Per Capital Basis

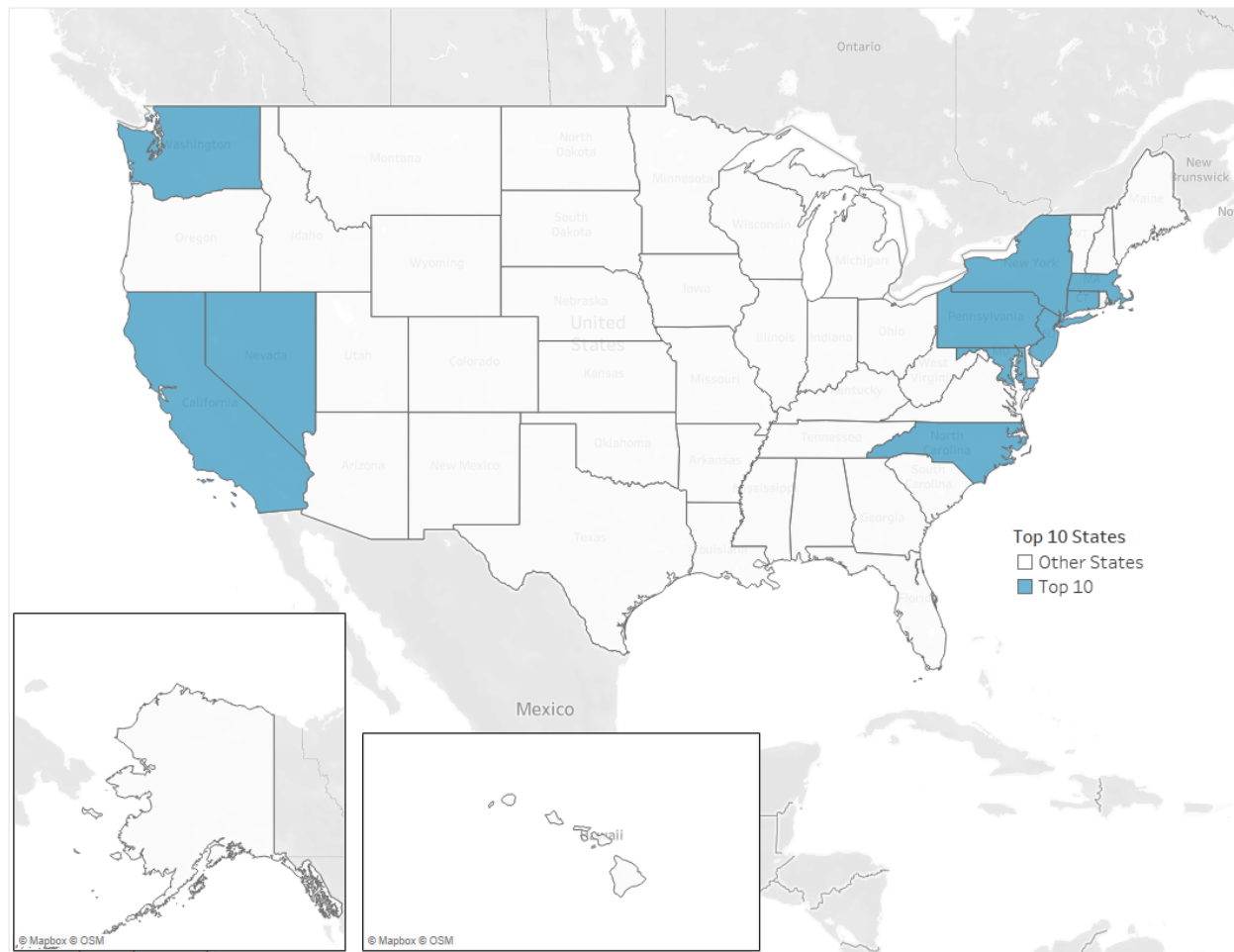


State Rank	State	Total Awarded from Competitive Grants	Amount Awarded Per Capita
1	Alaska	4,215,918,868	\$ 5,747.02
2	Wyoming	2,327,393,776	\$ 4,003.22
3	North Dakota	2,875,524,867	\$ 3,690.07
4	Montana	2,876,291,797	\$ 2,561.56
5	Vermont	1,116,597,734	\$ 1,725.64
6	Maryland	8,865,604,681	\$ 1,438.13
7	South Dakota	1,258,328,641	\$ 1,383.05
8	West Virginia	2,412,421,568	\$ 1,358.99
9	Rhode Island	1,268,161,805	\$ 1,159.48
10	Maine	1,592,056,586	\$ 1,149.22
30	Massachusetts	4,299,580,540	\$ 615.81

Chapter 3: Top Ten States

Top 10 States in Total Awarded from U.S. Department of Transportation (USDOT)

- Massachusetts currently ranks 6th with USDOT Grants

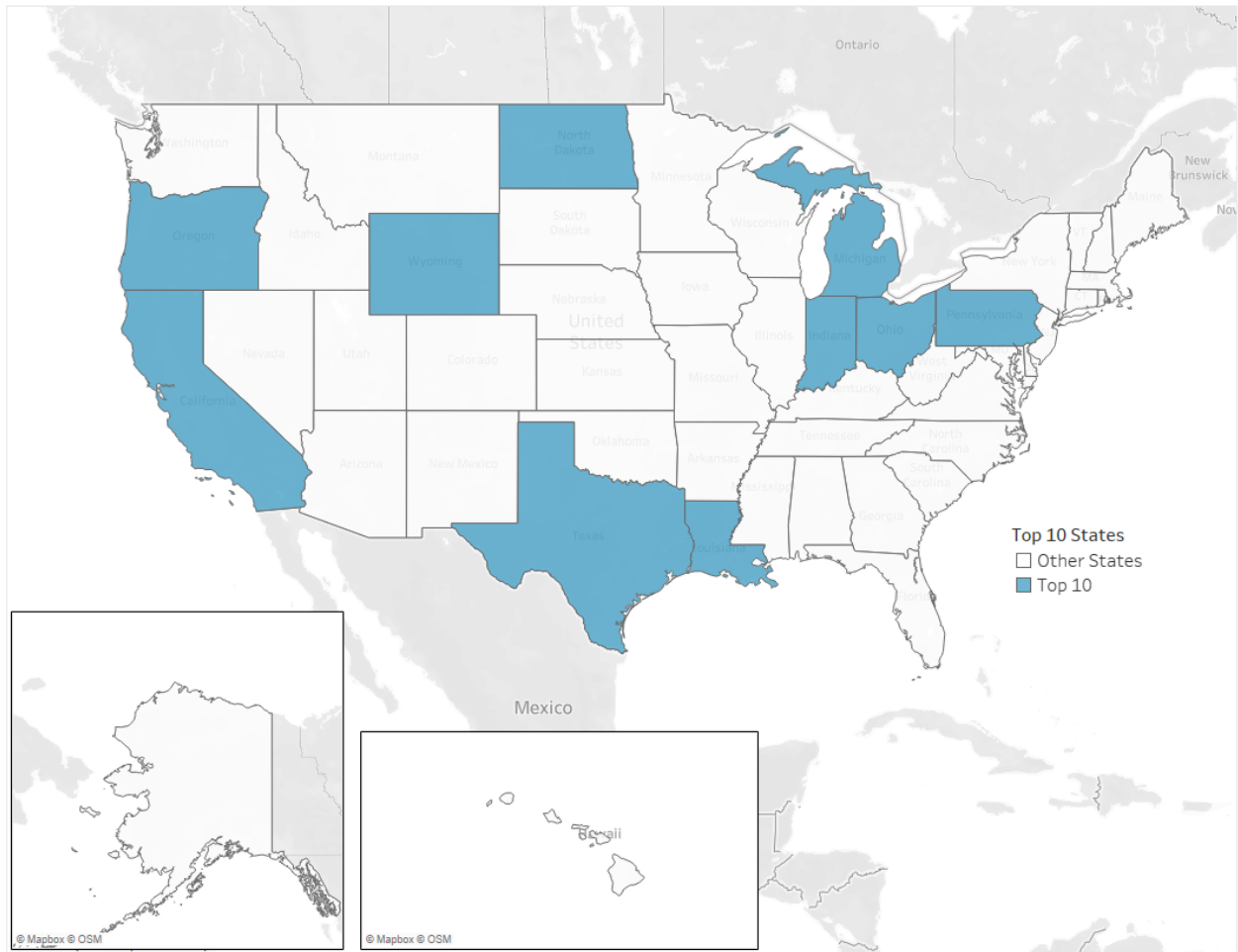


State Rank	State	Total Awarded from USDOT Competitive Grants
1	California	10,069,674,958
2	New York	7,956,059,856
3	Maryland	7,724,081,392
4	New Jersey	3,761,801,166
5	Washington	2,642,943,049
6	Massachusetts	2,614,767,925
7	Connecticut	2,544,192,663
8	Pennsylvania	2,307,619,757
9	North Carolina	2,138,812,787
10	Nevada	2,048,504,163

Chapter 3: Top Ten States

Top 10 States in Total Awarded from U.S. Department of Energy (DOE)

- Massachusetts currently ranks 20th with DOE Grants

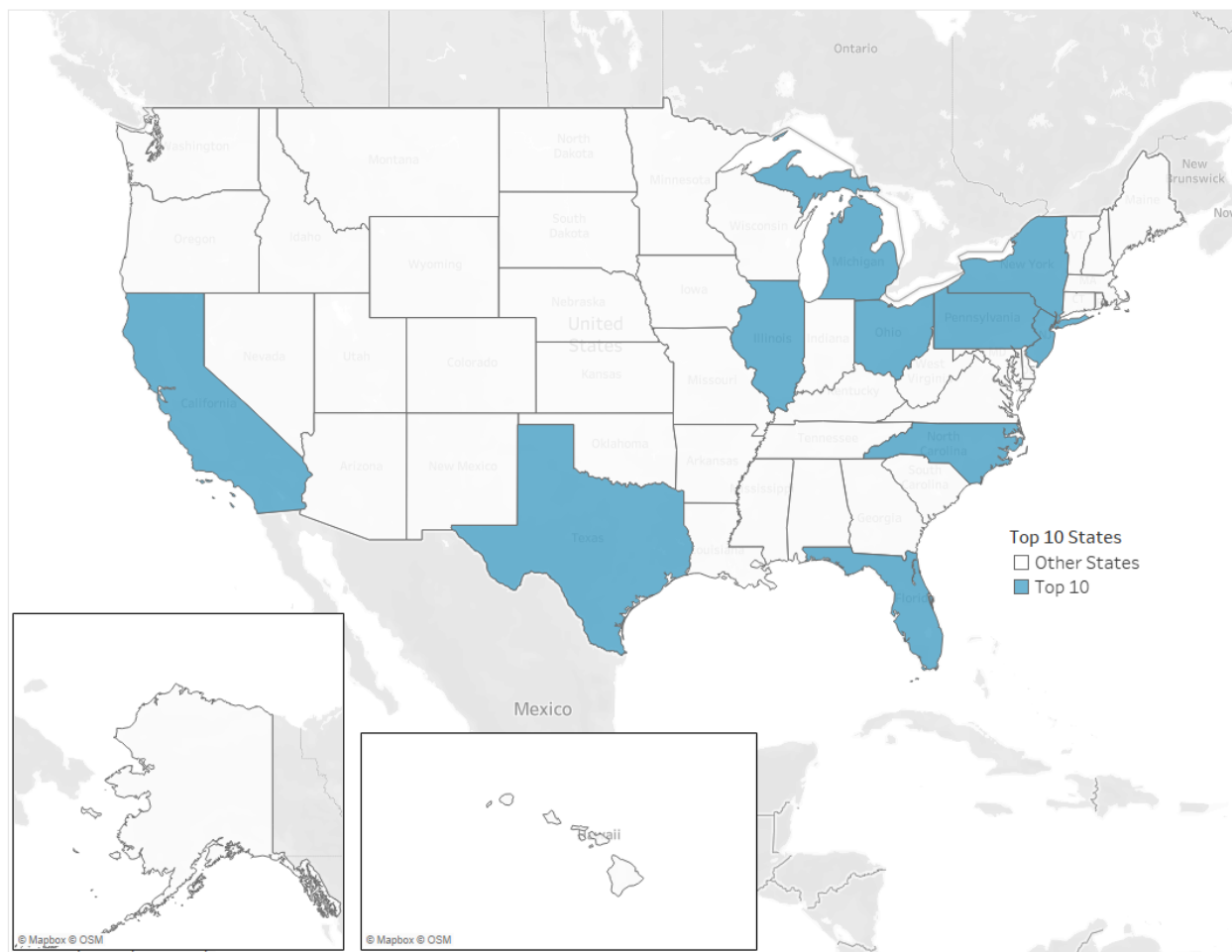


State Rank	State	Total Awarded from DOE Competitive Grants
1	Texas	4,580,794,752
2	California	4,227,254,743
3	Wyoming	1,722,038,830
4	Michigan	1,338,675,601
5	Louisiana	1,289,865,471
6	North Dakota	1,286,316,746
7	Indiana	1,271,839,341
8	Ohio	1,107,403,098
9	Pennsylvania	1,043,170,034
10	Oregon	980,803,562
20	Massachusetts	398,888,509

Chapter 3: Top Ten States

Top 10 States in Total Awarded from U.S. Environmental Protection Agency (EPA)

- Massachusetts currently ranks 12th with EPA Grants

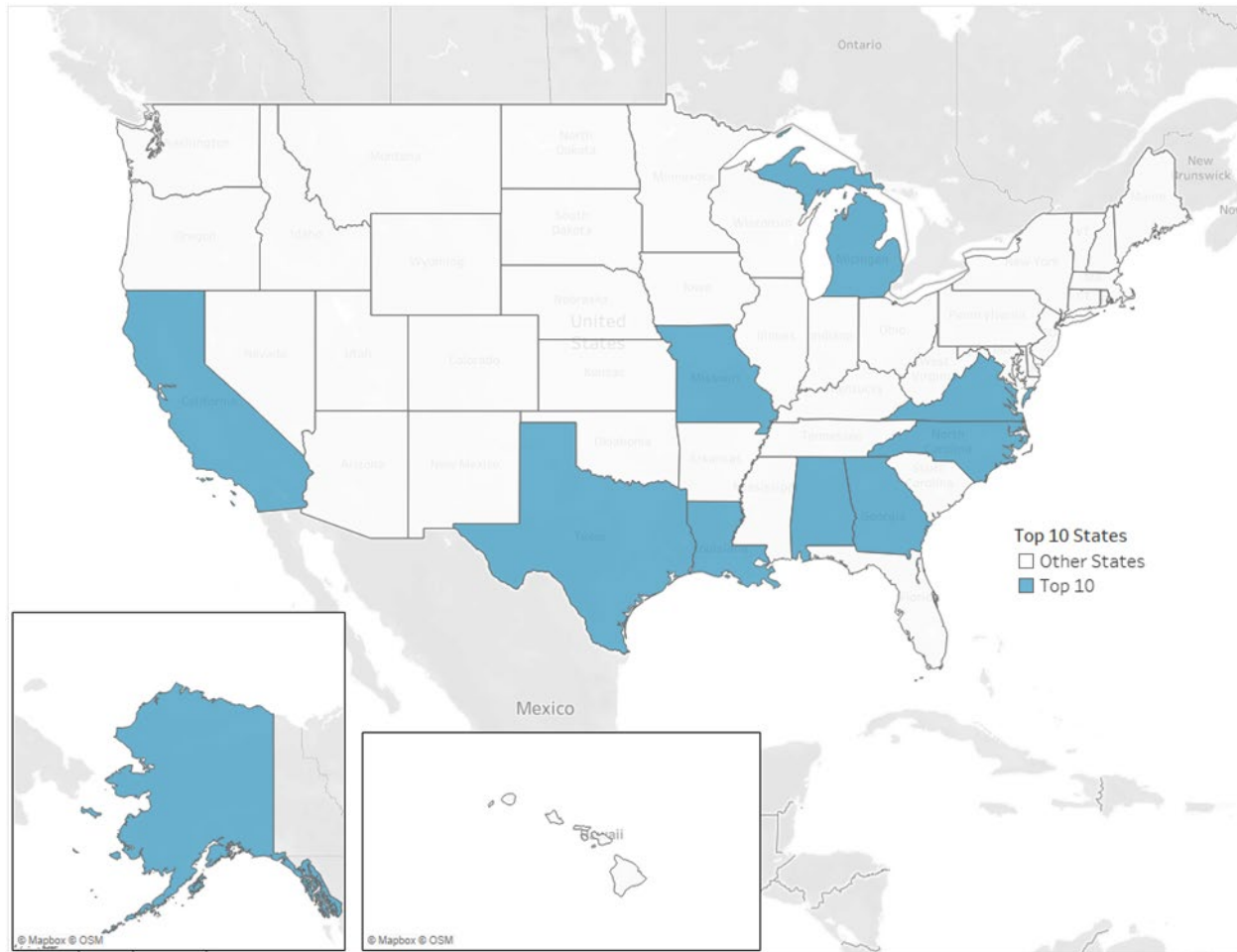


State Rank	State	Total Awarded from EPA Competitive Grants
1	California	2,377,453,267
2	Pennsylvania	1,510,057,874
3	New York	1,501,495,415
4	Illinois	1,317,740,567
5	Florida	1,304,872,268
6	Michigan	1,287,911,930
7	New Jersey	1,229,188,717
8	Texas	1,159,954,759
9	North Carolina	1,094,855,357
10	Ohio	1,085,556,842
12	Massachusetts	901,862,546

Chapter 3: Top Ten States

Top 10 States in Total Awarded from U.S. Department of Commerce (DOC)

- Massachusetts currently ranks 47th with DOC Grants

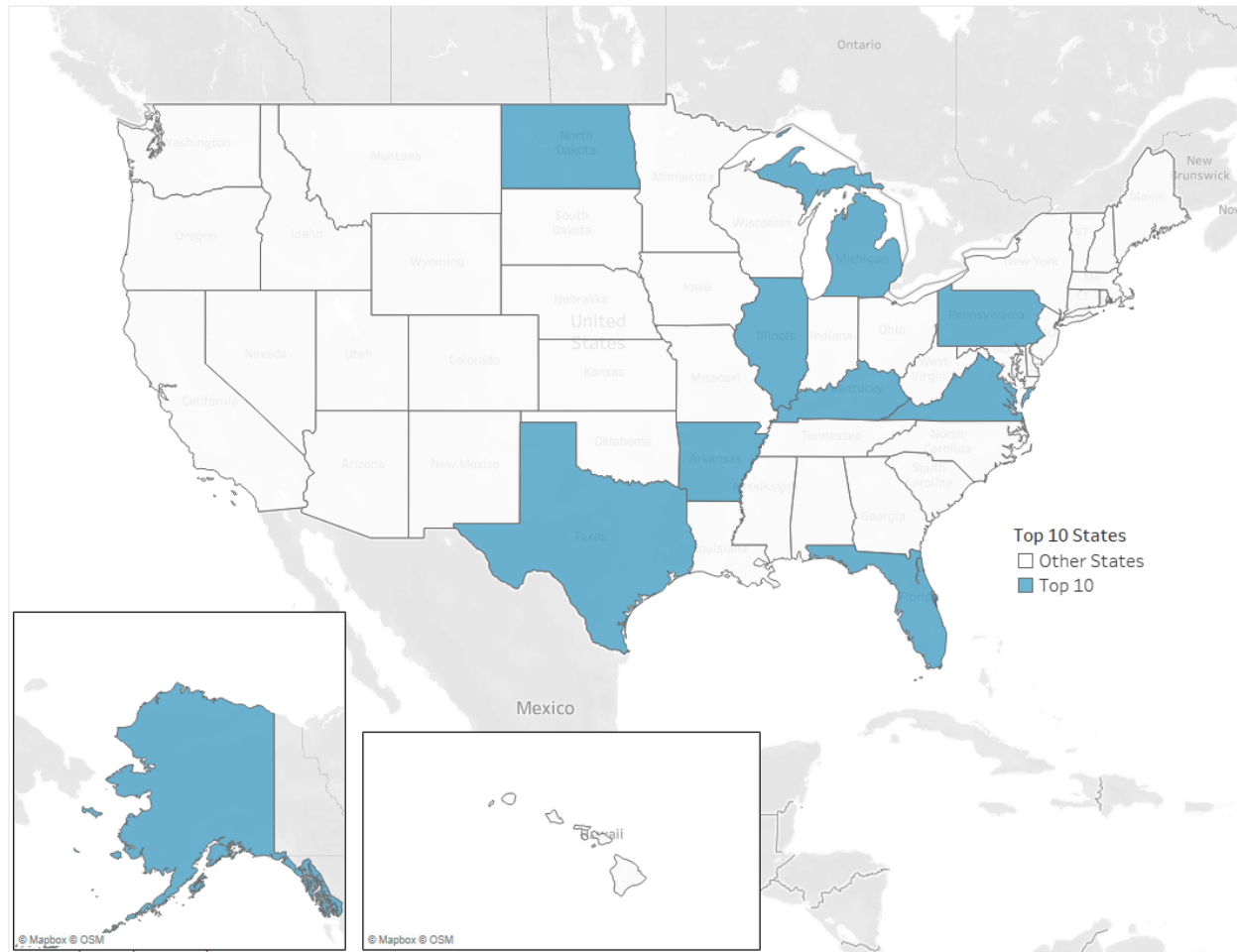


State Rank	State	Total Awarded from DOC Competitive Grants
1	Texas	3,401,815,866
2	California	1,976,102,826
3	Missouri	1,770,055,033
4	Michigan	1,622,119,035
5	North Carolina	1,544,685,644
6	Virginia	1,509,060,605
7	Alaska	1,448,066,619
8	Alabama	1,430,259,511
9	Louisiana	1,358,292,201
10	Georgia	1,322,186,370
47	Massachusetts	156,553,156

Chapter 3: Top Ten States

Top 10 States in Total Awarded from U.S. Army Corp of Engineers (USACE)

- Massachusetts currently ranks 30th with USACE Grants

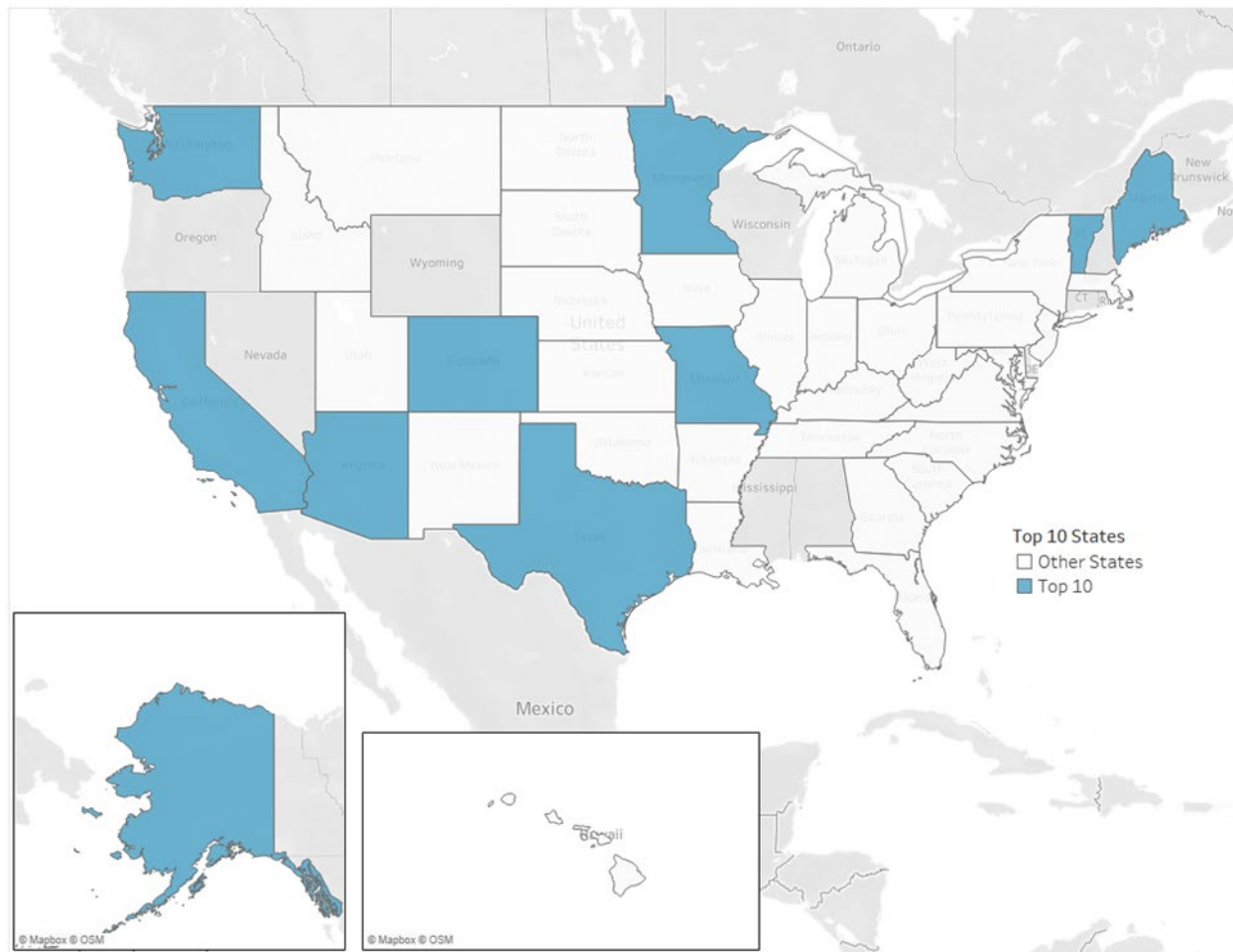


State Rank	State	Total Awarded from USACE Competitive Grants
1	Illinois	1,532,734,800
2	Florida	1,378,001,736
3	Pennsylvania	1,088,138,000
4	Texas	847,978,000
5	Michigan	815,276,000
6	Virginia	636,927,295
7	Alaska	565,850,000
8	Kentucky	541,508,000
9	North Dakota	533,952,500
10	Arkansas	510,276,151
30	Massachusetts	70,209,000

Chapter 3: Top Ten States

Top 10 States in Total Awarded from U.S. General Services Administration (GSA)

- Massachusetts currently ranks 23rd with GSA Grants

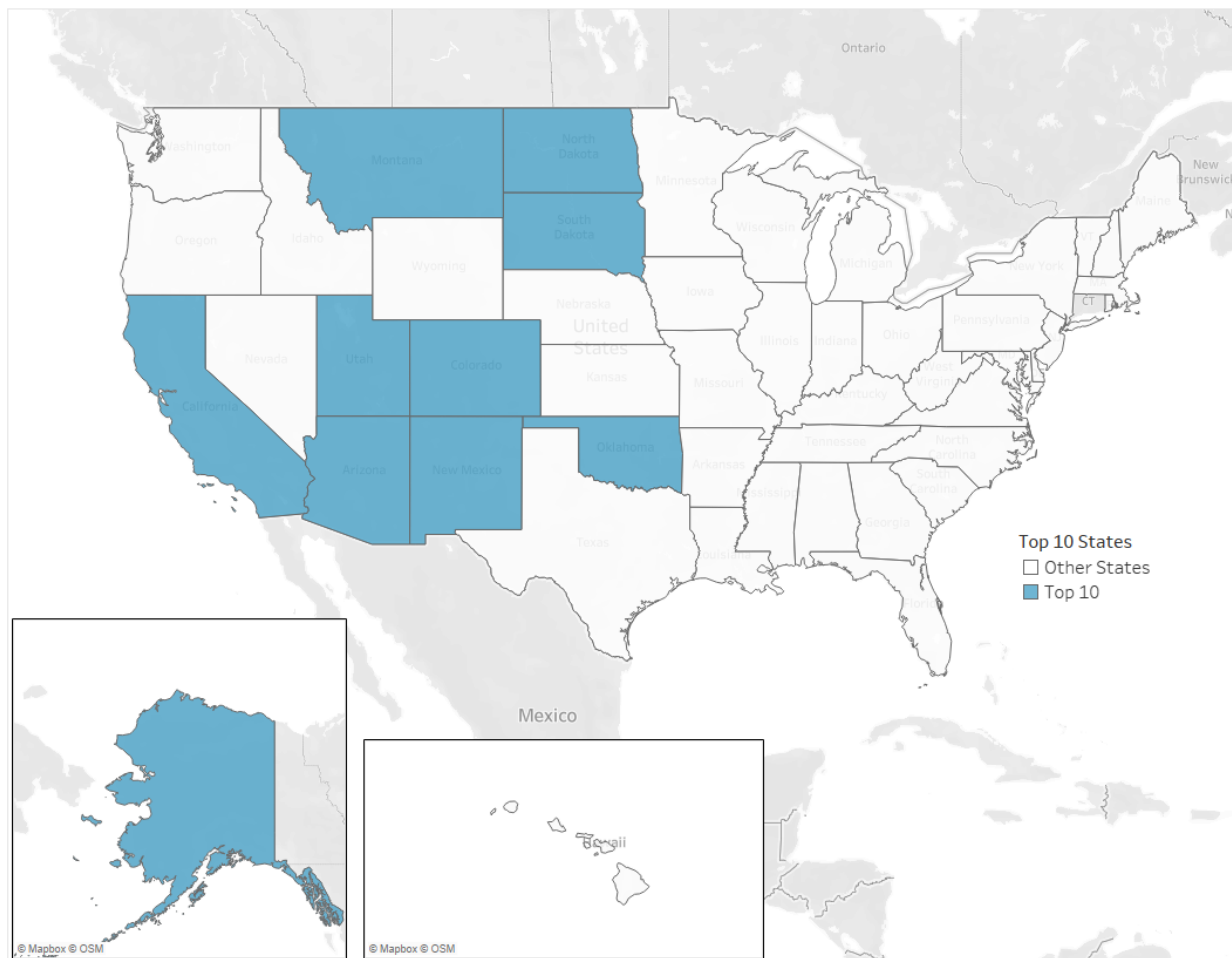


State Rank	State	Total Awarded from GSA Competitive Grants
1	Texas	1,112,100,000
2	Arizona	750,540,000
3	Minnesota	440,014,000
4	Washington	335,700,000
5	Vermont	331,670,000
6	Maine	256,040,000
7	Alaska	210,500,000
8	California	136,860,000
9	Colorado	136,500,000
10	Missouri	123,200,000
23	Massachusetts	24,200,000

Chapter 3: Top Ten States

Top 10 States in Total Awarded from U.S. Department of Interior (DOI)

- Massachusetts currently ranks 33rd with DOI Grants

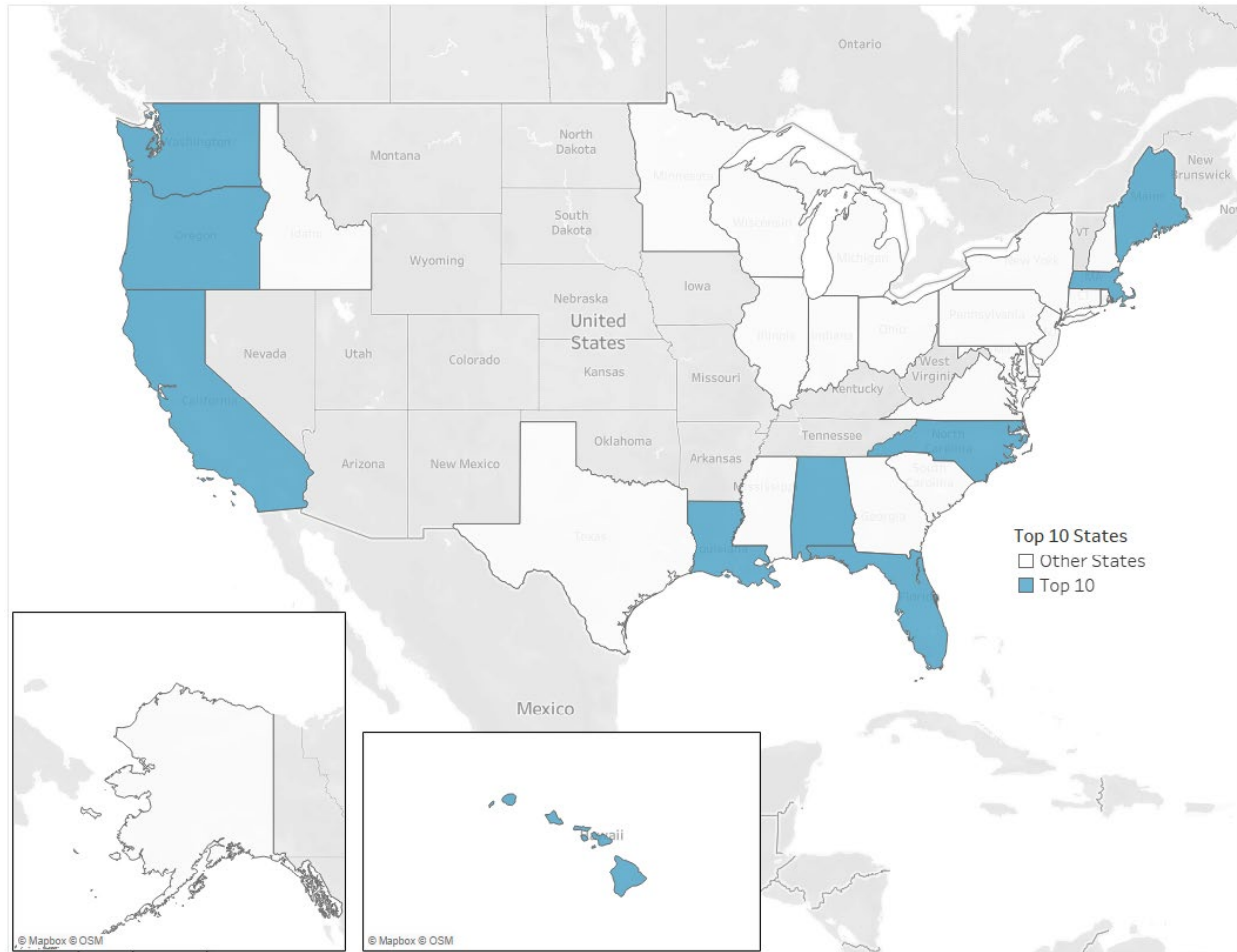


State Rank	State	Total Awarded from DOI Competitive Grants
1	California	819,552,731
2	Colorado	447,460,223
3	Montana	356,576,149
4	New Mexico	317,004,582
5	North Dakota	212,165,776
6	Utah	132,233,127
7	South Dakota	120,733,078
8	Arizona	110,719,732
9	Oklahoma	70,926,729
10	Alaska	64,955,012
33	Massachusetts	11,814,361

Chapter 3: Top Ten States

Top 10 States in Total Awarded from National Oceanic & Atmospheric Administration (NOAA)

- Massachusetts currently ranks 6th with NOAA Grants

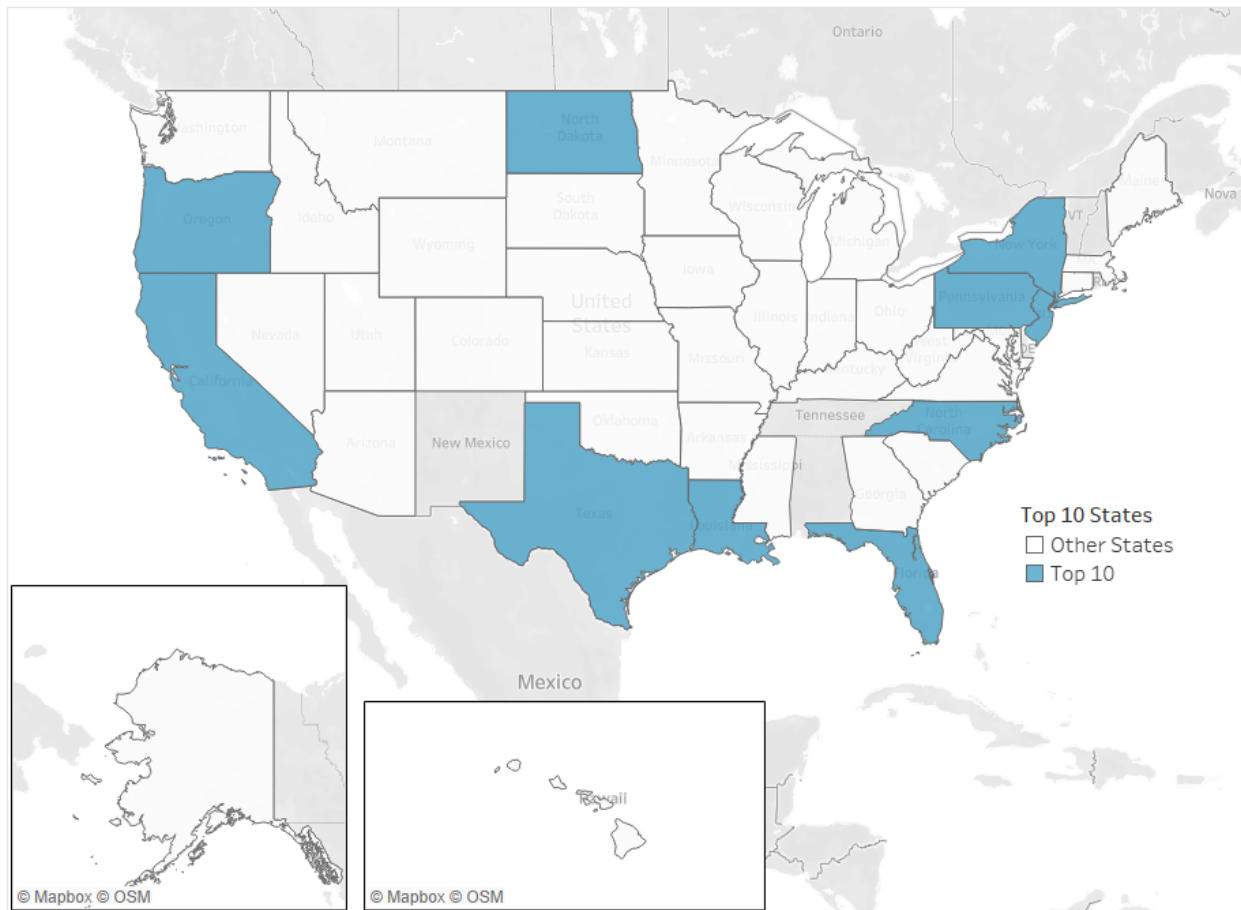


State Rank	State	Total Awarded from NOAA Competitive Grants
1	Washington	121,614,662
2	California	103,982,883
3	Florida	84,156,606
4	Oregon	55,761,017
5	Maine	49,498,535
6	Massachusetts	40,965,421
7	Hawaii	38,401,254
8	Alabama	34,332,543
9	Louisiana	28,752,979
10	North Carolina	26,893,143

Chapter 3: Top Ten States

Top 10 States in Total Awarded from Federal Emergency Management Agency (FEMA)

- Massachusetts currently ranks 12th with FEMA Grants

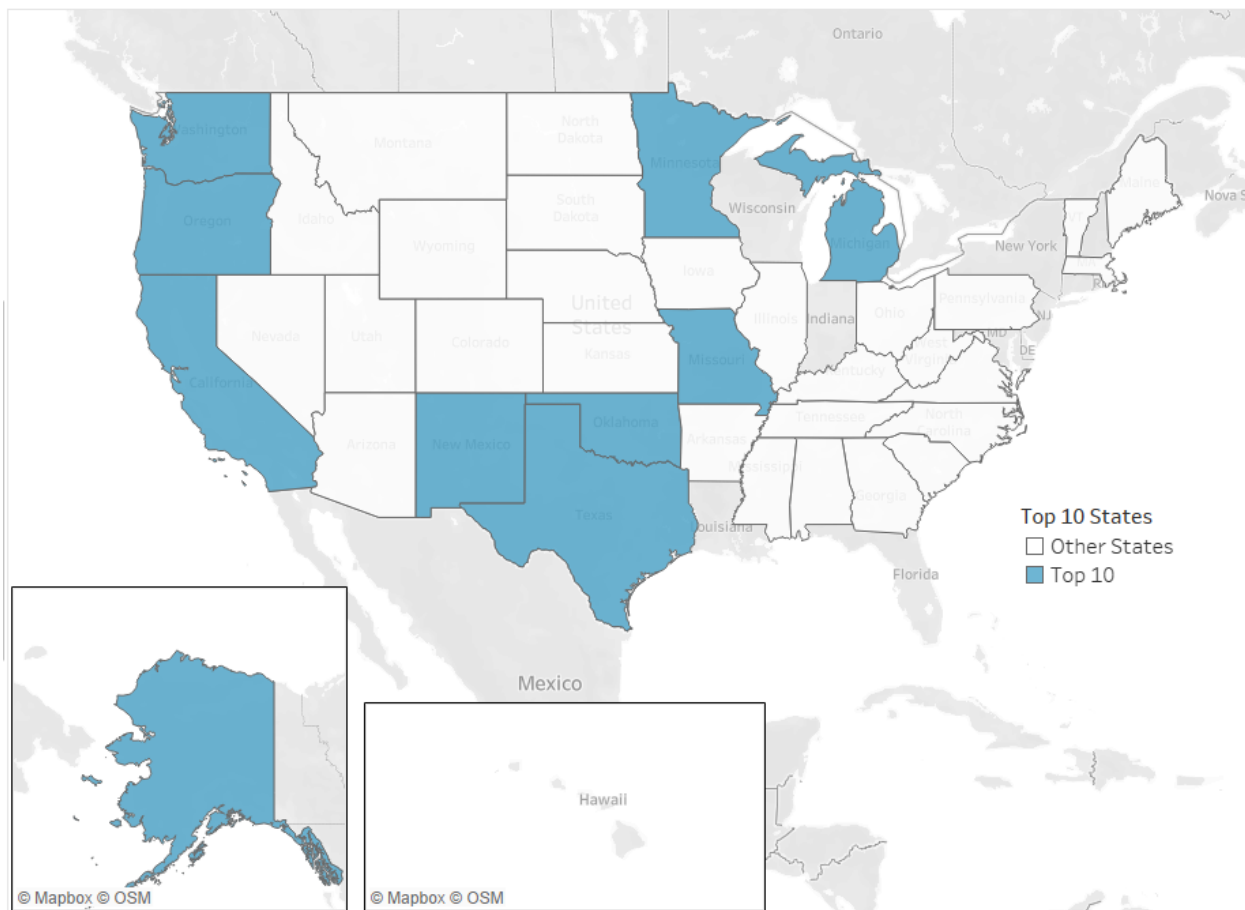


State Rank	State	Total Awarded from FEMA Competitive Grants
1	California	720,941,527
2	New York	313,471,740
3	Louisiana	278,984,947
4	Texas	263,783,601
5	Florida	174,417,695
6	Pennsylvania	129,356,563
7	North Carolina	122,298,382
8	New Jersey	115,029,357
9	Oregon	112,047,182
10	North Dakota	78,640,620
12	Massachusetts	72,716,289

Chapter 3: Top Ten States

Top 10 States in Total Awarded from U.S. Department of Agriculture (AGR)

- Massachusetts currently ranks 33rd with AGR Grants

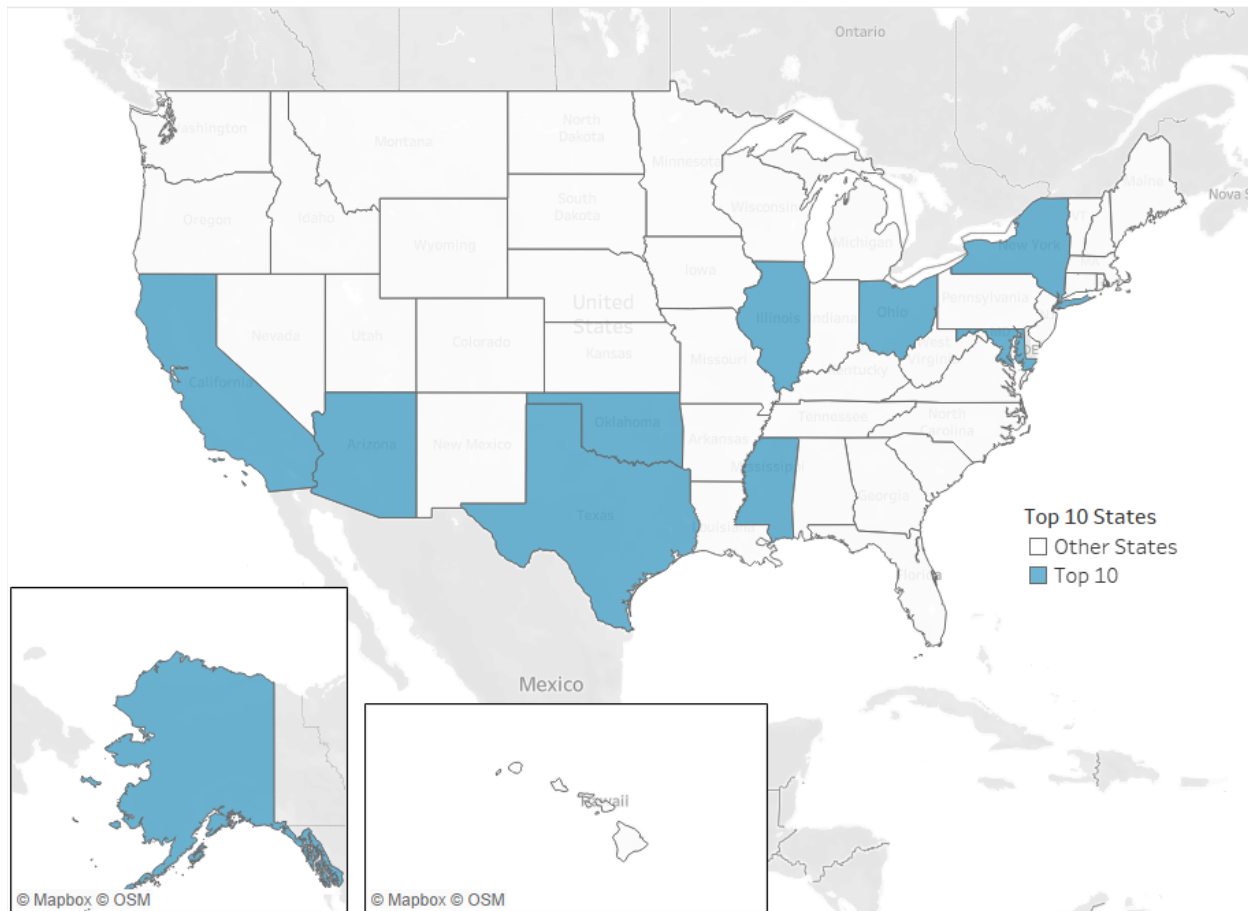


State Rank	State	Total Awarded from AGR Competitive Grants
1	Alaska	471,336,669
2	Oklahoma	299,425,534
3	New Mexico	280,908,389
4	Texas	196,081,116
5	Missouri	149,876,038
6	Minnesota	131,916,072
7	Michigan	116,595,169
8	Washington	113,012,898
9	Oregon	107,021,559
10	California	105,116,417
33	Massachusetts	7,053,333

Chapter 3: Top Ten States

Top 10 States in Total Awarded from Federal Communications Commission (FCC)

- Massachusetts currently ranks 37th with FCC Grants



State Rank	State	Total Awarded from FCC Competitive Grants
1	California	6,151,659
2	New York	3,649,016
3	Texas	3,285,200
4	Maryland	2,730,000
5	Oklahoma	2,188,901
6	Ohio	1,900,000
7	Arizona	1,881,140
8	Illinois	1,863,719
9	Alaska	1,811,635
10	Mississippi	1,800,000
37	Massachusetts	550,000

Chapter 4: Competitive Grants by Agency

Agency	Competitive Grant Program	Total Awarded Nationwide	Awarded to Massachusetts	% of Total Awarded to Massachusetts
USDOT	Intercity Passenger Rail Program for Northeast Corridor Projects	16,412,524,602	-	-
USDOT	Intercity Passenger Rail Program for National Projects	8,185,997,586	-	-
USDOT	Bridge Investment Program	7,479,431,379	995,515,825	13.31%
USDOT	Rebuilding American Infrastructure with Sustainability and Equity (RAISE)	6,299,245,550	97,672,610	1.55%
USDOT	Nationally Significant Multimodal Freight & Highway Projects Program (INFRA)	4,425,800,000	-	-
USDOT	FTA Capital Infrastructure Grants (CIG)	4,052,219,283	-	-
USDOT	Reconnecting Communities & Neighborhoods Program	3,516,965,541	345,038,495	9.81%
USDOT	FTA Low or No Emission Vehicles Program (Lo No)	3,429,626,334	224,663,381	6.55%
USDOT	National Infrastructure Project Assistance program (MEGA)	3,217,821,400	371,870,542	11.56%
USDOT	FAA Terminal Improvements	2,906,057,053	96,500,000	3.32%
USDOT	Safe Streets For All	1,762,433,775	52,779,742	2.99%
USDOT	FRA Consolidated Rail Infrastructure and Safety Improvement Program (CRISI)	1,442,568,011	108,085,280	7.49%
USDOT	FTA Bus and Bus Facilities Programs	1,414,487,390	54,000,000	3.82%
USDOT	Port Infrastructure Development Program (PIDP)	1,356,269,202	58,239,953	4.29%
USDOT	FTA Rail Vehicle Replacement Program	1,333,956,341	-	-
USDOT	FTA All Station Accessibility (ASAP)	1,029,000,000	134,212,603	13.04%
USDOT	Rural Surface Transportation Grant Program (Rural)	892,560,000	-	-
USDOT	Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Discretionary Grant	829,619,001	3,702,128	0.45%
USDOT	Charging and Fueling Infrastructure Program Grant Recipients	622,573,846	2,462,612	0.40%
USDOT	FTA Ferry Grant Program	604,544,399	10,839,134	1.79%
USDOT	Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) grant program	587,398,321	40,554,932	6.90%
USDOT	FRA Railroad Crossing Elimination Program (RCE)	570,982,420	-	-
USDOT	Fueling Aviation's Sustainable Transition (FAST) Grants	272,433,499	-	-
USDOT	National Significant Federal Lands and Tribal Projects Program	218,838,129	-	-
USDOT	National Culvert Removal Replacement and Restoration Grant	195,877,358	2,000,000	1.02%
USDOT	Strengthening Mobility and Revolutionizing Transportation Program (SMART)	149,284,719	8,395,117	5.62%
USDOT	Electric Vehicle Charger Reliability and Accessibility Accelerator Program	148,792,910	240,000	0.16%
USDOT	Reduction of Truck Emissions at Port Facilities (RTEPF) Grant	148,042,258	-	-
USDOT	University Transportation Centers (UTC) Program	87,000,000	3,000,000	3.45%
USDOT	Tribal Transportation Program Safety Fund	62,529,280	-	-
USDOT	FAA Contract Tower Competitive Grant Program	60,000,000	-	-
USDOT	Advanced Transportation Technology and Innovation (ATTAIN)	52,780,000	2,960,000	5.61%
USDOT	Commercial Driver's License Implementation Program	46,711,448	328,770	0.70%
USDOT	America's Marine Highway Program (AMHP)	38,621,771	-	-
USDOT	Advanced Digital Construction Management System Grant	33,919,136	-	-
USDOT	FRA Corridor Identification and Development Program	33,500,000	750,000	2.24%
USDOT	Federal Lands Transportation Program (National Park Service)	33,000,000	750,000	2.27%
USDOT	Transit-Oriented Development Planning Program	30,751,094	576,000	1.87%
USDOT	Regional Infrastructure Accelerators (RIA) program	24,198,000	-	-
USDOT	Innovative Coordinated Access & Mobility Program	7,833,610	360,800	4.61%
USDOT	Mobility, Access & Transportation Insecurity: Creating Links to Opportunity Research and Demonstration Program	6,000,000	-	-
USDOT	Rural and Tribal Assistance Pilot Program (RTA)	3,400,000	-	-
USDOT	Commercial Motor Vehicle Operators Grant Program	2,901,571	-	-
	Subtotal	74,028,496,216	2,615,497,925	3.53%

Chapter 4: Competitive Grants by Agency

Agency	Competitive Grant Program	Total Awarded Nationwide	Awarded to Massachusetts	% of Total Awarded to Massachusetts
Energy	Regional Clean Hydrogen Hubs (H2Hubs)	7,000,000,000	-	-
Energy	Grid Resilience and Innovation Partnerships (GRIP) Program	5,665,264,191	139,547,708	2.46%
Energy	Industrial Demonstrations Program (IDP)	4,551,100,000	86,900,000	1.91%
Energy	Battery Material Processing Grants & Battery Manufacturing and Recycling Grants	2,831,889,724	-	-
Energy	Advanced Reactor Demonstration Program	2,477,000,000	-	-
Energy	Domestic Manufacturing Conversion Grant Program	1,727,047,139	-	-
Energy	Regional Direct Air Capture (DAC) Hubs Program	1,200,000,000	-	-
Energy	Civil Nuclear Credit (CNC) Program	1,100,000,000	-	-
Energy	Carbon Capture Demonstration Projects Program	890,000,000	-	-
Energy	Clean Hydrogen Electrolysis, Manufacturing, and Recycling Activities	751,400,000	99,500,000	13.24%
Energy	Carbon Storage Validation and Testing Program	686,733,433	-	-
Energy	Transmission Siting and Economic Development Grants Program	371,348,401	42,328,000	11.40%
Energy	Renew America's Schools Grant	367,781,785	17,337,131	4.71%
Energy	Carbon Capture Large-Scale Pilot Projects	304,000,000	-	-
Energy	Advanced Energy Manufacturing and Recycling Program	275,000,000	-	-
Energy	Accelerate Electric Heat Pump Manufacturing	254,341,547	-	-
Energy	Cost-effective Codes Implementation for Efficiency and Resilience	81,000,000	3,900,000	4.81%
Energy	Electric Drive Vehicle Battery Recycling and Second Life Applications	73,981,046	-	-
Energy	Battery Recycling, Reprocessing, and Battery Collection	61,758,513	-	-
Energy	Domestic Automotive Manufacturing Conversion Grant Program	50,000,000	-	-
Energy	Industrial Research and Assessment Center Implementation Grants	42,991,617	600,000	1.40%
Energy	Hydroelectric Production Incentives	38,087,328	101,224	0.27%
Energy	Clean Energy Workforce: Industrial Assessment Centers	31,940,000	-	-
Energy	Wind Energy Technologies Office (WETO) Addressing Key Deployment Challenges for Offshore, Land-Based, and Distributed Wind	27,050,000	-	-
Energy	Solar and Wind Grid Services and Reliability Demonstration Program	25,800,000	-	-
Energy	State Manufacturing Leadership Program	22,009,042	-	-
Energy	Rare Earth Security Activities	15,999,999	-	-
Energy	Advancing Equity Through Workforce Partnerships Funding Program	13,425,000	-	-
Energy	Critical Material Innovation, Efficiency, and Alternatives	10,249,904	7,304,446	71.26%
Energy	Photovoltaics Research and Development (PVRD) Funding Program	9,800,000	-	-
Energy	Carbon Dioxide Transport Engineering and Design Program	9,000,000	-	-
Energy	Clean Energy Workforce: Building Training and Assessment Centers (BTAC)	9,000,000	-	-
Energy	Energy Efficiency and Conservation Block Grant (EECBG) Program Competitive Awards	8,800,000	300,000	3.41%
Energy	Energy Improvement in Rural or Remote Areas	6,700,000	-	-
Energy	Grants for Energy Efficiency and Renewable Energy Improvements at Public School Facilities (Energy CLASS Prize)	2,500,000	-	-
Energy	Wind Energy Technologies Office (WETO) Small Business Innovative Research Program	2,170,000	1,070,000	49.31%
	Subtotal	30,995,168,669	398,888,509	1.29%

Chapter 4: Competitive Grants by Agency

Agency	Competitive Grant Program	Total Awarded Nationwide	Awarded to Massachusetts	% of Total Awarded to Massachusetts
EPA	Solar For All (SFA) Program	6,188,660,000	156,120,000	2.52%
EPA	Climate Pollution Reduction Grants	4,307,499,999	90,000,000	2.09%
EPA	Drinking Water State Revolving Fund	4,145,530,590	88,572,985	2.14%
EPA	Drinking Water State Revolving Fund Lead Service Lines Replacement	4,137,118,195	101,800,173	2.46%
EPA	Clean Water State Revolving Fund	4,134,797,014	131,197,000	3.17%
EPA	EPA Superfund	2,059,891,400	72,700,000	3.53%
EPA	Clean School Bus Rebate Program	1,808,769,000	42,120,000	2.33%
EPA	Drinking Water State Revolving Fund Emerging Contaminants (incl. PFAS)	1,345,703,577	37,110,000	2.76%
EPA	Drinking Water - Assistance For Small and Disadvantaged Communities Grant Program	1,119,783,295	38,204,000	3.41%
EPA	Clean School Bus Grant Program	934,490,101	69,557,874	7.44%
EPA	EPA Brownfield Clean Up Grants	563,154,317	47,436,400	8.42%
EPA	Clean Water State Revolving Fund-Emerging Contaminants	197,144,140	7,220,000	3.66%
EPA	Environmental Justice Government-to-Government (EJG2G) Program	84,108,165	2,000,000	2.38%
EPA	Solid Waste Infrastructure for Recycling Infrastructure Grants for Communities	72,850,875	2,055,330	2.82%
EPA	National Estuary Program	47,024,000	3,939,200	8.38%
EPA	Solid Waste Infrastructure for Recycling Grants for Tribes and Intertribal Consortia	60,751,279	-	-
EPA	Environmental Justice Collaborative Problem Solving (EJCPS) Program	43,814,478	2,400,000	5.48%
EPA	Recycling Education and Outreach Grants	33,320,837	-	-
EPA	Enhanced Air Quality Monitoring for Communities	29,330,464	1,157,542	3.95%
EPA	Pollution Prevention (P2) grants	26,843,209	1,536,077	5.72%
EPA	Long Island Sound Program	21,455,716	4,500,000	20.97%
EPA	HFC Reclaim and Innovative Destruction grants	14,250,000	-	-
EPA	Southeast New England Coastal Watershed Restoration Program (SNEP)	4,562,990	2,215,965	48.56%
	Subtotal	31,380,853,641	901,842,546	2.87%

Chapter 4: Competitive Grants by Agency

Agency	Competitive Grant Program	Total Awarded Nationwide	Awarded to Massachusetts	% of Total Awarded to Massachusetts
EPA	Solar For All (SFA) Program	6,188,660,000	156,120,000	2.52%
EPA	Climate Pollution Reduction Grants	4,307,499,999	90,000,000	2.09%
EPA	Drinking Water State Revolving Fund	4,145,530,590	88,572,985	2.14%
EPA	Drinking Water State Revolving Fund Lead Service Lines Replacement	4,137,118,195	101,800,173	2.46%
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EPA	National Estuary Program	47,024,000	3,939,200	8.38%
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EPA	Environmental Justice Collaborative Problem Solving (EJCPS) Program	43,814,478	2,400,000	5.48%
EPA	Recycling Education and Outreach Grants	33,320,837	-	-
EPA	Enhanced Air Quality Monitoring for Communities	29,330,464	1,157,542	3.95%
EPA	Pollution Prevention (P2) Grants	26,843,209	1,536,077	5.72%
EPA	Long Island Sound Program	21,455,716	4,500,000	20.97%
EPA	HFC Reclaim and Innovative Destruction Grants	14,250,000	-	-
EPA	Southeast New England Coastal Watershed Restoration Program (SNEP)	4,562,990	2,215,965	48.56%
	Subtotal	31,380,853,641	901,842,546	2.87%

Agency	Competitive Grant Program	Total Awarded Nationwide	Awarded to Massachusetts	% of Total Awarded to Massachusetts
US Army Corp	Construction, Rehabilitation, and Restoration Work Program	9,865,776,364	1,695,000	0.02%
US Army Corp	Corps of Engineers Operation and Maintenance Projects	3,827,100,000	66,514,000	1.74%
US Army Corp	Flood Control and Coastal Emergencies Spending Plan	132,967,000	-	-
US Army Corp	Feasibility Studies and Investigations Program	50,642,000	2,000,000	3.95%
	Subtotal	13,876,485,364	70,209,000	0.51%

Chapter 4: Competitive Grants by Agency

Agency	Competitive Grant Program	Total Awarded Nationwide	Awarded to Massachusetts	% of Total Awarded to Massachusetts
Interior	Aging Infrastructure Account	835,270,354	-	-
Interior	Rural Water Projects	746,000,000	-	-
Interior	Orphaned Well Site Plugging, Remediation, And Restoration	691,267,664	-	-
Interior	Water & Groundwater Storage and Conveyance	380,999,999	-	-
Interior	Grants For States and Tribes for Voluntary Restoration	200,079,507	8,400,000	4.20%
Interior	WaterSMART Grants	240,001,647	-	-
Interior	Energy and Minerals Research Facility	167,000,000	-	-
Interior	Dam Safety Program	100,000,000	-	-
Interior	Safety of Dams, Water Sanitation, and Other Facilities	77,742,000	-	-
Interior	Ecosystem - Fish Passage	72,928,581	3,402,500	4.67%
Interior	Earth Mapping Resources Initiative	50,198,355	-	-
Interior	National Geological and Geophysical Data Preservation Program	4,655,159	11,861	0.25%
	Subtotal	3,566,143,266	11,814,361	0.33%

Agency	Competitive Grant Program	Total Awarded Nationwide	Awarded to Massachusetts	% of Total Awarded to Massachusetts
Agriculture	ReConnect Program for rural e-connectivity	2,886,449,399	-	-
Agriculture	Watershed Rehabilitation Program	86,444,292	7,053,333	8.16%
	Subtotal	2,972,893,691	7,053,333	0.24%

Agency	Competitive Grant Program	Total Awarded Nationwide	Awarded to Massachusetts	% of Total Awarded to Massachusetts
Commerce	Broadband Equity, Access, and Deployment (BEAD) program	41,601,000,000	147,422,464	0.35%
Commerce	Tribal Broadband Connectivity Program	1,114,297,655	9,130,692	0.82%
Commerce	Enabling Middle Mile Broadband Infrastructure Program	979,998,025	-	-
	Subtotal	43,695,295,680	156,553,156	0.36%

Chapter 4: Competitive Grants by Agency

Agency	Competitive Grant Program	Total Awarded Nationwide	Awarded to Massachusetts	% of Total Awarded to Massachusetts
GSA	Low Embodied Carbon Construction Materials Program	2,321,570,000	24,200,000	1.04%
GSA	Low-embodied Carbon (LEC) Program	2,321,570,000	24,200,000	1.04%
FEMA	Building Resilient Infrastructure and Communities Grant Program (BRIC)	2,449,895,070	72,716,289	2.97%
FEMA	Flood Mitigation Assistance	642,098,017	-	-
NOAA	Habitat Restoration and Coastal Resilience Projects	285,500,000	20,200,000	7.08%
NOAA	National Coastal Resilience Fund	188,970,600	6,285,100	3.33%
NOAA	Restoring Fish Passage through Barrier Removal	165,287,793	4,359,186	2.64%
NOAA	Coastal Zone Management Awards Habitat Protection and Restoration	109,779,465	8,749,939	7.97%
FCC	Affordable Connectivity Outreach Grant Program	70,408,095	550,000	0.78%
NOAA	National Estuarine Research Reserve System Habitat Protection and Restoration	35,237,638	-	-
NOAA	Marine Debris Challenge Competition	21,949,646	-	-
NOAA	Regional Ocean Partnership	21,282,846	784,913	3.69%
NOAA	Marine Debris Community Action Coalition Competition	5,322,302	586,283	11.02%
	Subtotal	8,638,871,472	162,631,710	1.88%

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Appendix A: List of Competitive Infrastructure Grants Awarded in Massachusetts

This shows all competitive infrastructure grants and discretionary spending awarded to Massachusetts from the BIL and IRA that are larger than \$1 million, sorted by award size.

Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
MassDOT	Sagamore Bridge Project	993,122,325	USDOT	Bridge Investment Program
MassDOT	Sagamore Bridge Project	371,870,542	USDOT	MEGA
MassDOT	I-90 Allston Multimodal Project	335,374,775	USDOT	Reconnecting Communities & Neighborhoods
MA Department of Energy Resources	Massachusetts' Solar for All Program	156,120,000	EPA	Solar For All
MassTech	Broadband Equity, Access, and Deployment (BEAD) State Allocation	147,422,464	Commerce	Broadband Equity, Access, and Deployment (BEAD) program
MBTA	Purchase of New Battery-Electric Buses to Replace Older Diesel Buses	116,000,000	USDOT	Low or No Emission Vehicles Program
MassDOT	Connecting the Commonwealth: Early Actions for the Inland Route Project (West-East Rail)	108,085,280	USDOT	Consolidated Rail Infrastructure and Safety Improvement Program
Coalition that includes MA Dept of Energy Resources	New England Heat Pump Accelerator * *5 States in New England will share a \$450 million grant for this project, so this report assumes at least \$90 million will go to MA	90,000,000	EPA	Climate Pollution Reduction Grants

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Appendix A: List of Competitive Infrastructure Grants Awarded in Massachusetts

Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
Sublime Systems, Inc	First Commercial Electrochemical Cement Manufacturing	86,900,000	Energy	Industrial Demonstrations Program (IDP)
City of New Bedford	New Bedford Superfund Remediation	72,700,000	EPA	Superfund Remediation
Mass Clean Water Trust / MA Department of Environmental Protection (MA DEP)	Clean Water State Revolving Fund projects	70,769,000	EPA	Clean Water State Revolving Fund Supplemental
MBTA	Upgrades and Accessibility Improvements to Station Platforms along the Green Line's B and C Branches	67,609,672	USDOT	All Stations Accessibility Program
MBTA	Symphony Station Renovation and Accessibility Improvements	66,602,931	USDOT	All Stations Accessibility Program
Mass Clean Water Trust / MA DEP	Drinking Water State Revolving Fund - Lead Pipe Replacement	65,783,000	EPA	Drinking Water State Revolving Fund Lead Service Line Replacement
MA Department of Energy Resources	Power Up New England * *6 States in New England will share a \$389 million grant for this project, so this report assumes at least \$64.8 million will go to MA	64,890,959	Energy	Grid Resilience and Innovation Partnerships (GRIP) Program
Massport	Logan Airport Terminal E Renovations	62,000,000	USDOT	FAA Terminal Improvements
Mass Clean Water Trust / MA DEP	Clean Water State Revolving Fund Projects	60,428,000	EPA	Clean Water State Revolving Fund Supplemental

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
Pioneer Valley Transit Authority	Electrification and Modernization of Cottage Street Bus Facility and the Bus Bay Expansion Project at the UMass-Amherst Bus Maintenance Facility	54,000,000	USDOT	FTA Buses and Bus Facilities
Cities of Chelsea and Everett	Cities of Chelsea and Everett – Island End River Coastal Flood Resilience Project	50,000,000	FEMA	Building Resilient Infrastructure and Communities (BRIC)
Generac Grid Services	Accelerating Building Thermal Electrification While Managing System Impacts	49,835,370	Energy	Grid Resilience and Innovation Partnerships (GRIP) Program
Electric Hydrogen Co.	Manufacturing Innovations for Scaling Green H2 to Fossil-parity	46,300,300	Energy	Clean Hydrogen Electrolysis, Manufacturing, and Recycling Activities
Mass Clean Water Trust / MA DEP	Drinking Water State Revolving Fund Grant	45,206,000	EPA	Drinking Water State Revolving Fund Grant
DOER	Installation of a renewable energy-powered microgrid at the Barnstable High School and Intermediate School Complex	42,328,000	Energy	Transmission Siting and Economic Development Grants Program
Mass Clean Water Trust / MA DEP	Drinking Water State Revolving Fund Grant	41,750,000	EPA	Drinking Water State Revolving Fund Grant
MBTA	Purchase of New Battery-Electric Buses to Replace Older Buses	40,000,000	USDOT	Low or No Emission Vehicles Program

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
Mass Clean Water Trust / MA DEP	Assistance for Small and Disadvantaged Communities Drinking Water Grant Program	38,204,000	EPA	Assistance for Small and Disadvantaged Communities Drinking Water Grant Program
City of Salem	Salem Wind Port Project	33,835,953	USDOT	Port Infrastructure Development Program (PIDP)
Mass Clean Water Trust / MA DEP	Drinking Water State Revolving Fund Lead Service Line Replacement	33,700,000	EPA	Drinking Water State Revolving Fund Lead Service Line Replacement
Nuvera Fuel Cells, LLC	Integrated Automation for High Volume PEM Fuel Cell Stacking and Acceptance Testing in Heavy-Duty Motive Applications	30,000,000	Energy	Clean Hydrogen Electrolysis, Manufacturing, and Recycling Activities
U.S. Army Corps of Engineers	Emergency Reconstruction of Plymouth Long Beach Dike at Plymouth Harbor	25,200,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
National Grid USA Service Company, Inc.	The Future Grid Project	24,821,379	Energy	Grid Resilience and Innovation Partnerships (GRIP) Program
City of New Bedford	Leonard's Wharf Reconstruction & Extension Project	24,404,000	USDOT	Port Infrastructure Development Program (PIDP)
Massport	Logan International Airport Upgrades	22,500,000	USDOT	FAA Terminal Improvements
MBTA	Construction of Separated On-Street Busway in Everett and Boston to Support Three MBTA Bus Routes	22,400,000	USDOT	RAISE
City of Lowell	Lowell Bridge Preservation	21,400,000	USDOT	RAISE

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
MassDOT	Lynnway Multimodal Corridor	20,250,000	USDOT	RAISE
City of Boston	Clean School Bus Grant - City of Boston	20,063,024	EPA	Clean School Bus Program Grants
City of Boston	Roxbury Resilient Transportation Corridors	20,000,000	USDOT	RAISE
DATTCO, Inc	Clean School Bus Grant to Districts in MA Located Near Connecticut	19,979,850	EPA	Clean School Bus Program Grants
Mass Clean Water Trust / MA DEP	Drinking Water State Revolving Fund Emerging Contaminants Projects	17,531,000	EPA	Drinking Water State Revolving Fund Emerging Contaminants
Mass Clean Water Trust / MA DEP	Drinking Water State Revolving Fund Emerging Contaminants Projects	16,404,000	EPA	Drinking Water State Revolving Fund Emerging Contaminants
City of Springfield	Citywide Safety Improvements for Intersections and Corridors	15,012,800	USDOT	Safe Streets for All
Lowell Public Schools	Planned Energy Efficiency Upgrades at Lowell Public Schools	15,000,000	Energy	Renew America's Schools Grant
Cape Cod Regional Transit Authority	Purchase of Low-Emission Buses to Replace Aging Diesel Buses	14,613,149	USDOT	Low or No Emission Vehicles Program
Town of Wellfleet	Herring River Restoration Project, Phase 1	14,600,000	NOAA	Habitat Restoration and Coastal Resilience Projects
City of Boston	Implementing Boston's New Traffic Signal Operating Design Policy	14,400,000	USDOT	Safe Streets for All
GSA	John W. McCormack parking garage structural, slab, and paving repairs	13,200,000	GSA	Use of Low-Carbon Materials

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
Southeastern Regional Transit Authority	Purchase of Hybrid Electric Buses	12,240,000	USDOT	Low or No Emission Vehicles Program
Massport	Logan International Airport Upgrades	12,000,000	USDOT	FAA Terminal Improvements
City of Holyoke	Pipeline Construction Project to Replace 2.91 Miles of Natural Gas Infrastructure	11,939,933	USDOT	Natural Gas Distribution Infrastructure Safety and Modernization Grants
Southeastern Regional Transit Authority	Purchase of Hybrid Electric Buses	11,560,000	USDOT	Low or No Emission Vehicles Program
MBTA	Blue Line Tunnel Airport Portal Flood Protection Project	10,740,000	FEMA	Building Resilient Infrastructure and Communities (BRIC)
The Brockton Area Transit Authority	Purchase of Battery-Electric Buses and Charging Equipment	10,694,736	USDOT	Low or No Emission Vehicles Program
AvCarb Material Solutions	Establishment of a Vertically Integrated Domestic Manufacturing Process for Production of Substrates Needed for Manufacture of Gas Diffusion Layers	10,000,000	Energy	Clean Hydrogen Electrolysis, Manufacturing, and Recycling Activities
City of Holyoke	Natural Gas Distribution Infrastructure Grant: City of Holyoke Gas and Electric Department	10,000,000	USDOT	Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) grant Program

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
City of Westfield	Natural Gas Distribution Infrastructure Grant: Westfield Gas and Electric Light Department	10,000,000	USDOT	Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) grant Program
New England Transit Sales, Inc.	Clean School Bus Grant - City of Lawrence	9,875,000	EPA	Clean School Bus Program Rebates
Lower Pioneer Valley Educational Collaborative	Clean School Bus Grant - Lower Pioneer Valley Educational Collaborative	9,875,000	EPA	Clean School Bus Program Rebates
Mashpee Wampanoag Tribe	Tribal Broadband Connectivity Program	9,130,692	Commerce	Tribal Broadband Connectivity Program
GSA	JFK Federal Building Plaza replacement and waterproofing	9,100,000	GSA	Use of Low-Carbon Materials
City of Boston	Safety at Key Intersections in Boston	9,000,000	USDOT	Safe Streets for All
City of Brockton	Downtown Brockton Infrastructure Improvement Project	7,843,750	USDOT	RAISE
City of Westfield	Pipeline Construction Project to Replace 8.47 Miles of Natural Gas Infrastructure	7,339,940	USDOT	Natural Gas Distribution Infrastructure Safety and Modernization Grants
Aspen Aerogels, Inc.	Fast Charging LFP Aerogel Cathode Materials to Eliminate Nickel/Cobalt Reliance	7,304,446	Energy	Critical Material Innovation, Efficiency, and Alternatives
Highland Electric Fleets Inc for Holyoke MA	Clean School Bus Grant - City of Holyoke	7,245,000	EPA	Clean School Bus Program Rebates

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
Mass Clean Water Trust / MA DEP	Clean Water State Revolving Fund Emerging Contaminants Projects	7,220,000	EPA	Clean Water State Revolving Fund Emerging Contaminants
Lowell Regional Transit Authority	Purchase of Hybrid-Electric Buses to Replace Older Vehicles	6,859,296	USDOT	Low or No Emission Vehicles Program
MBTA	Hingham Ferry Dock Repairs and Modernization to Improve Safety	6,639,134	USDOT	Passenger Ferry Grant Program
First Student, Inc. for Fitchburg	Clean School Bus Grant - City of Fitchburg	6,210,000	EPA	Clean School Bus Program Rebates
Dattco Inc	Clean School Bus Grant - City of New Bedford	5,530,000	EPA	Clean School Bus Program Rebates
U.S. Army Corps of Engineers	Structural Repairs to the Concrete Deck at Cape Cod Canal on the Abutments for the Bourne Highway Bridge	5,175,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
Boston University	Highly Stable Engineered Oxygen and Fuel Electrodes for Solid Oxide Electrolysis Cells	5,000,000	Energy	Clean Hydrogen Electrolysis, Manufacturing, and Recycling Activities
Cabot Corporation	Scalable, innovative manufacturing process for novel carbon supports for metal catalysts for MDV/HDV PEM fuel cells	5,000,000	Energy	Clean Hydrogen Electrolysis, Manufacturing, and Recycling Activities
U.S. Army Corps of Engineers	Dredging and Surveys of Salem Harbor	5,000,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
MA DEP	Brownfields Cleanup at Veterans of Foreign War Highway at Beaver Brook Site	5,000,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
City of Springfield	ES Pinevale Street Property Cleanup in Springfield	5,000,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
Van Pool Transportation LLC	Clean School Bus Grant - Town of Andover	5,000,000	EPA	Clean School Bus Program Rebates
Van Pool Transportation LLC	Clean School Bus Grant - Town of Ipswich	5,000,000	EPA	Clean School Bus Program Rebates
Town of Montague	Strathmore Mill Buildings 1-9 Cleanup in Montague	4,920,400	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
US Fish and Wildlife Bureau	Southeastern MA Pine Barrens Landscape Restoration and Community Engagement Initiative	4,900,000	Interior	Grants For States and Tribes for Voluntary Restoration
U.S. Army Corps of Engineers	Dredging and Surveys of Wareham Harbor	4,890,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
MA Executive Office of Energy and Environmental Affairs (MA EOEAA)	Upper Bass River Coastal Habitat Restoration Project	4,666,515	NOAA	Habitat Protection and Restoration

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
Massachusetts Department of Environmental Protection (MassDEP)	Nitrogen Reduction Infrastructure Upgrades	4,500,000	EPA	Long Island Sound Program
U.S. Army Corps of Engineers	Essex River Dredging	4,425,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
Massachusetts Audubon Society	The Southeastern MA Marsh Migration Initiative	4,300,000	NOAA	Habitat Restoration and Coastal Resilience Projects
Merrimack Valley Regional Transit Authority	Funding to Build Two Solar-Powered Ferries and Restore Service on the Merrimack River	4,200,000	USDOT	Passenger Ferry Grant Program
MassDOT	Purchase of Propane Buses to Replace Diesel Vehicles in Nantucket	4,143,750	USDOT	Low or No Emission Vehicles Program
U.S. Army Corps of Engineers	Cuttyhunk Harbor dredging	4,000,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
City of Somerville	Somerville Bicycle Network Vision Safety Demonstration Project	3,984,000	USDOT	Safe Streets for All
MA Department of Energy Resources	Trainings to Advance Implementation of Updated Stretch Building Energy Codes throughout MA	3,900,000	Energy	Cost-effective Codes Implementation for Efficiency and Resilience

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
Martha's Vineyard Transit Authority	Funding to Buy New Battery-Electric Buses and Charging Equipment and Launch an Apprenticeship Program for High School Students	3,882,375	USDOT	Low or No Emission Vehicles Program
City of Fall River	Clean School Bus Grant - City of Fall River	3,860,000	EPA	Clean School Bus Program Rebates
MassDOT	Worcester – Flood Relief at Route 20/Grafton St (Route 122) Interchange to Flint Pond	3,702,128	USDOT	Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Grant Program
US Fish and Wildlife Bureau	Aquatic and Terrestrial Connectivity and Climate Resilience for Imperiled Species in the NEAFWA Appalachian Corridor in Massachusetts	3,500,000	Interior	Grants For States and Tribes for Voluntary Restoration
Berkshire Regional Planning Commission	Community-Wide Brownfield Revolving Loan Supplemental Award to Berkshire County	3,500,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
City of Worcester	Worcester Community-Wide Brownfield Revolving Loan Supplemental Award	3,500,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
Mercedes Cab Company, Inc.	Clean School Bus Grant - Cape Cod Regional Vocational Technical	3,490,000	EPA	Clean School Bus Program Rebates
Dattco Inc	Clean School Bus Grant - City of Fall River	3,450,000	EPA	Clean School Bus Program Rebates

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
N/A	Lester G. Ross Dam Rehabilitation	3,300,000	Agriculture	Watershed Rehabilitation Program
Plug Power Inc	Advanced PEM Electrolyzer Membrane for Hydrogen Crossover Mitigation	3,200,000	Energy	Clean Hydrogen Electrolysis, Manufacturing, and Recycling Activities
Mass Clean Water Trust / MA DEP	Drinking Water State Revolving Fund Emerging Contaminants	3,175,000	EPA	Drinking Water State Revolving Fund Emerging Contaminants
N/A	Restoring Salt Marsh Habitat to Improve Coastal Resilience at Great Marsh	3,033,400	NOAA	National Coastal Resilience Fund
University of Massachusetts Amherst	University Transportation Center: University of Massachusetts Amherst	3,000,000	USDOT	University Transportation Centers (UTC) Program
Van Pool Transportation LLC	Clean School Bus Grant - City of Newburyport	3,000,000	EPA	Clean School Bus Program Rebates
MBTA	Boston Regional Transit Signal Priority Program	2,960,000	USDOT	ATTAIN
U.S. Army Corps of Engineers	Dredging and Surveys of Salem Harbor	2,950,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
City of Salem	Planning, Engineering, and Design for a New Commuter Rail Stop in South Salem between Canal St and Jefferson Ave	2,776,000	USDOT	RAISE

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
City of Worcester	Revolving Loan Fund Cooperative Agreement for City of Worcester	2,700,000	EPA	Brownfields Multipurpose, Assessment, Revolving Loan Fund, and Cleanup Cooperative Agreements
U.S. Army Corps of Engineers	Steel and Timber Repairs at Cape Cod Canal	2,665,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
Van Pool Transportation LLC	Clean School Bus Grant - City of Salem	2,600,000	EPA	Clean School Bus Program Rebates
Berkshire Regional Planning Commission	Berkshire Regional Planning Commission Brownfield Revolving Loan Fund Program	2,500,000	EPA	Brownfields Multipurpose, Assessment, Revolving Loan Fund, and Cleanup Cooperative Agreements
U.S. Army Corps of Engineers	Dredging of Newburyport Harbor	2,500,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
City of Boston	Greening Chelsea Creek Waterfront	2,500,000	USDOT	Reconnecting Communities & Neighborhoods
Town of Deerfield	Town of Deerfield: Public Access EV Charging	2,462,612	USDOT	Charging and Fueling Infrastructure Program

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
Berkshire Regional Transit Authority	Replacement of Aging Diesel Buses with Hybrid Electric Buses and Improvements to the Intermodal Transit Center in Pittsfield	2,457,328	USDOT	Low or No Emission Vehicles Program
City of Cambridge	Bicycle and Pedestrian Crossing of the Fitchburg MBTA Commuter Rail Line in North Cambridge	2,400,000	USDOT	Reconnecting Communities & Neighborhoods
Ipswich River Watershed Association	Restoration Access to 238 miles of Habitat in the Ipswich and Parker River Watersheds	2,359,186	NOAA	Restoring Fish Passage through Barrier Removal
MA DEP	Berkshire Brownfields Revolving Loan Fund	2,350,000	EPA	Brownfields Multipurpose, Assessment, Revolving Loan Fund, and Cleanup Cooperative Agreements
Berkshire Regional Transit Authority	Purchase of Diesel-Electric Hybrid Buses to Replace Older Buses and Repairs to Maintenance Facility Lifts	2,212,747	USDOT	Low or No Emission Vehicles Program
N/A	Tyler Dam Restoration	2,206,000	Agriculture	Watershed Rehabilitation Program
MA EOEEA	Truro Pamet River Restoration	2,183,779	NOAA	Habitat Protection and Restoration
Boston Metropolitan Area Planning Council	Action Plan Grant for the Boston MPO	2,160,435	USDOT	Safe Streets for All
City of Greenfield	Grant to Create an Automated, Single-Stream Recycling Collection Program	2,055,330	EPA	Solid Waste Infrastructure for Recycling Grants for Communities

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
Natick Public Schools	Electrification of HVAC System at Bennett-Hemenway Elementary School	2,037,131	Energy	Renew America's Schools Grant
N/A	Cleanup Cooperative Agreement for New Garden Park, Inc.	2,000,000	EPA	Brownfields Multipurpose, Assessment, Revolving Loan Fund, and Cleanup Cooperative Agreements
U.S. Army Corps of Engineers	Steel and Timber Repairs to Moorings at Cape Cod Canal	2,000,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
U.S. Army Corps of Engineers	Completion of Preconstruction, Engineering, and Design Phase for the Cape Cod Bridges	2,000,000	US Army Corp	Feasibility Studies and Investigations Program
Town of Plymouth	Town Brook Stream Restoration: Deep Water Culvert Replacement	2,000,000	USDOT	National Culvert Removal Replacement and Restoration Grant Program
Town of Braintree	Removal of two dams in the Monaquot River Watershed	2,000,000	NOAA	Restoring Fish Passage through Barrier Removal
MA DEP	MA Department of Environmental Protection Community-wide Assessment Grant	2,000,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
City of Boston	Digitizing Boston's Curbs Via Machine Learning	1,983,872	USDOT	Strengthening Mobility and Revolutionizing Transportation (SMART) Grants

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
MassDOT	Improving Rail Safety, Efficiency, and Climate Resilience by Using Drones and Sensors to Monitor and Analyze Railroad Infrastructure Threatened by Ground Water Variability	1,979,615	USDOT	Smart 22
MassDOT	Planning a Smart Microgrid at Cape Cod Gateway Airport to Reduce Emissions and Increase Energy Independence	1,950,000	USDOT	Smart 22
GSA	OMS garage pavement repair	1,900,000	GSA	Use of Low-Carbon Materials
City of North Adams	Former Tannery Dump Cleanup in North Adams	1,900,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
Greylock FLUME, Inc.	Greylock FLUME Property Cleanup in North Adams	1,826,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
U.S. Army Corps of Engineers	Cuttyhunk Harbor Dredging	1,800,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
City of Boston	Reconnecting Chinatown	1,800,000	USDOT	Reconnecting Communities Pilot Program
City of New Bedford	Blue Lane Working Waterfront Connector	1,749,360	USDOT	RAISE
U.S. Army Corps of Engineers	Cape Cod Bridges Planning Grant	1,593,500	USDOT	Bridge Investment Program

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
MA EOEEA	Manchester Central Street Bridge Replacement and Sawmill Brook Restoration Project	1,561,511	NOAA	Habitat Protection and Restoration
U.S. Fish and Wildlife Bureau	High Street Dam Removal, Taunton River	1,550,000	Interior	Ecosystem - Fish Passage
City of Brockton	Downtown Brockton Transportation Technology Project	1,496,630	USDOT	Smart 22
City of Beverly	Clean School Bus Grant - City of Beverly	1,455,000	EPA	Clean School Bus Program Rebates
Highland Electric Fleets Inc	Clean School Bus Grant - Essex North Shore Agricultural and Technical School District	1,380,000	EPA	Clean School Bus Program Rebates
Ipswich River Watershed Association	Initiating Transformational Habitat Restoration in the Great Marsh Area of Critical Environmental Concern	1,300,000	NOAA	Habitat Restoration and Coastal Resilience Projects
Town of Wakefield	Natural Gas Distribution Infrastructure Grant: Wakefield Municipal Gas & Light Department	1,275,059	USDOT	Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) grant program
Town of Gardner	Planning activities for a Downtown Mobility Plan	1,253,500	USDOT	RAISE
City of Everett	Uniting Neighborhoods and Transit Opportunities in Everett	1,200,000	USDOT	Reconnecting Communities & Neighborhoods
Highland Electric Fleets Inc	Clean School Bus Grant - City of Gloucester	1,200,000	EPA	Clean School Bus Program Rebates

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
UMass Lowell	UMass Lowell Toxics Use Reduction Institute technical assistance to manufacturing facilities to increase the availability and use of safer products in the pipe cement/primer and paint removal product categories	1,186,077	EPA	Pollution Prevention (P2) grants
Barnstable County	Improving septic system management practices to reduce nitrogen entering Cape Cod and Buzzards Bay	1,150,000	EPA	Southeast New England Program (SNEP)
Triton Systems, Inc.	Small Business Innovative Research Phase III: Triton Systems, Inc.	1,070,000	Energy	Wind Energy Technologies Office Small Business Innovative Research Program
US Fish and Wildlife Bureau	Upper Coonamessett River Wetland Complex Restoration in Falmouth	1,052,500	Interior	Ecosystem - Fish Passage
Merrimack Valley Planning Commission	Merrimack Valley Planning Commission Brownfield Revolving Loan Fund Program	1,000,000	EPA	Brownfields Multipurpose, Assessment, Revolving Loan Fund, and Cleanup Cooperative Agreements
U.S. Army Corps of Engineers	Chatham (Stage) Harbor dredging	1,000,000	US Army Corp	Corps of Engineers Operation and Maintenance Projects
Pioneer Valley Planning Commission	Regional Safety Action Plan and Demonstration Project for the Pioneer Valley region of Western MA	1,000,000	USDOT	Safe Streets for All

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Applicant Name	Project Name	Awarded Amount	Agency	Grant Program
City of Lawrence	Lawrence Community-wide Cleanup	1,000,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
Merrimack Valley Planning Commission	Merrimack Valley Planning Commission Community-Wide Supplemental Brownfield Revolving Loan	1,000,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
City of North Adams	Community-Wide Brownfield Revolving Loan Fund Supplemental in North Adams	1,000,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
Westmass Area Development Corporation	Westmass Area Development Corporation Cleanup Multi-Site: Ludlow Mills #11, Ludlow Mills #9, and Warehouse #199	1,000,000	EPA	Brownfields Multipurpose, Assessment, and Cleanup (MAC) Grant Programs
City of Boston	Gas Stove Replacement Program in Dorchester	1,000,000	EPA	Environmental Justice Government-to-Government (EJG2G) Program
Massachusetts Department of Public Health	MA Environmental Justice Government-Government (EJG2G) Program in Springfield, Holyoke, and Chicopee	1,000,000	EPA	Environmental Justice Government-to-Government (EJG2G) Program

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Appendix B: Citations and Sources

Links to U.S. Department of Transportation Grants

[Intercity Passenger Rail Program for Northeast Corridor Projects](#)

[Intercity Passenger Rail Program for National Projects](#)

Rebuilding American Infrastructure with Sustainability and Equity (RAISE)

[RAISE 2024 Awards](#)

[RAISE 2023 Awards](#)

[RAISE 2022 Awards](#)

Nationally Significant Multimodal Freight & Highway Projects program (INFRA)

[INFRA 2023-24 Awards](#)

[INFRA 2022 Awards](#)

FTA Capital Infrastructure Grants (CIG)

[CIG FY 2025 Awards](#)

[CIG FY 2024 Awards](#)

[CIG FY 2023 Awards](#)

Additional Project Announcement Press Releases: [I](#), [II](#), [III](#)

Reconnecting Communities & Neighborhoods Program

[Reconnecting Communities & Neighborhoods 2023 Awards](#)

[Reconnecting Communities Pilot Program 2022 Awards](#)

National Infrastructure Project Assistance Program (MEGA)

[MEGA 2023 – 24 Awards](#)

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FAA Terminal Improvements

[Airport Terminal FY 2024 Awards](#)

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Bridge Investment Program

[2024 Large Bridge Grant Awards \(includes FY23 – FY26 funding\)](#)

[2024 Planning Grant Recipients](#)

[2022 Bridge Grant Recipients](#)

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FTA Bus and Low- and No-Emission Grant Awards

[FY24 FTA Bus and Low- and No-Emission Grant Awards](#)

[FY23 FTA Bus and Low- and No-Emission Grant Awards](#)

[FY22 FTA Bus and Low- and No-Emission Grant Awards](#)

Safe Streets For All (SS4A)

[SS4A FY24 Awards](#)

[SS4A FY23 Awards](#)

[SS4A FY22 Awards](#)

[FRA Consolidated Rail Infrastructure and Safety Improvement Program \(CRISI\)](#)

Port Infrastructure Development Program (PIDP)

[PIDP FY23 Awards](#)

[PIDP FY22 Awards](#)

FTA Rail Vehicle Replacement Program

[Rail Vehicle Replacement Awards for FY 2024, 2025 and Partial Year 2026](#)

[Rail Vehicle Replacement Awards for FY 2022 and 2023](#)

FTA All Station Accessibility Program (ASAP)

[ASAP 2024 Awards](#)

[ASAP 2022-23 Awards](#)

Rural Surface Transportation Grant Program (Rural)

[Rural FY22 Awards](#)

[Rural FY23 – 24 Awards](#)

Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Discretionary Grant Program

[PROTECT FY22 & 23 Awards](#)

Charging and Fueling Infrastructure Program Grant (CFI)

[CFI FY22 and FY23 Awards](#)

FTA Ferry Grant Program

[Ferry Grant Program 2023 Awards](#)

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Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) Grant Program

[FY23 NGDISM Grant Awards](#)

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[FRA Railroad Crossing Elimination Program \(RCE\)](#)

[Fueling Aviation's Sustainable Transition \(FAST\) Grants](#)

[National Culvert Removal Replacement and Restoration Grant Program](#)

Strengthening Mobility and Revolutionizing Transportation Program (SMART)

[FY23 SMART Awards](#)

[FY22 SMART Awards](#)

Electric Vehicle Charger Reliability and Accessibility Accelerator Program

[FY22 and FY23 Grant Awards](#)

Reduction of Truck Emissions at Port Facilities Grant Program (RTEPF)

[FY22 and FY23 Grant Awards](#)

National Significant Federal Lands and Tribal Projects Program (NSFLTP)

[FY23 NSFLTP Selected Projects](#)

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[University Transportation Centers \(UTC\) Program](#)

FAA Contract Tower Competitive Grant Program

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[Advanced Transportation Technology and Innovation Program \(ATTAIN\)](#)

[Commercial Driver's License Implementation Program](#)

Tribal Transportation Program Safety Fund

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[America's Marine Highway Program \(AMHP\)](#)

[Advanced Digital Construction Management System Grant Program](#)

[FRA Corridor Identification and Development Program](#)

[Federal Lands Transportation Program \(funds for National Park Service\)](#)

Transit-Oriented Development (TOD) Planning Program

[FY23 TOD Projects](#)

[FY22 TOD Projects](#)

[Regional Infrastructure Accelerators \(RIA\) program](#)

Innovative Coordinated Access & Mobility Program

[FY23-24 Project Awards](#)

[Mobility, Access & Transportation Insecurity: Creating Links to Opportunity Research and Demonstration Program](#)

[Rural and Tribal Assistance Pilot Program \(RTA\)](#)

[Commercial Motor Vehicle Operators Grant Program](#)

Additional U.S. DOT Links

[Competitive Grant Funding Matrix](#)

[U.S. DOT Press Releases](#)

<https://www.whitehouse.gov/build>

[BIL Program Guidebook](#)

Links to U.S. Department of Energy Grants

[Regional Clean Hydrogen Hubs \(H2Hubs\)](#)

[Industrial Demonstrations Program \(IDP\)](#)

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[Grid Resilience and Innovation Partnerships \(GRIP\) Program](#)

[August 2024 GRIP project](#)
[October 2023 GRIP projects](#)

[Advanced Reactor Demonstration Program](#)

[Battery Material Processing Grants & Battery Manufacturing and Recycling Grants](#)

[Domestic Manufacturing Conversion Grant Program](#)

[Regional Direct Air Capture \(DAC\) Hubs program](#)

[Civil Nuclear Credit \(CNC\) Program](#)

[Carbon Capture Demonstration Projects Program](#)

[Clean Hydrogen Electrolysis, Manufacturing, and Recycling Activities](#)

[Carbon Storage Validation and Testing Program](#)

[Round 2 Awards](#)
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[Transmission Siting and Economic Development Grants Program](#)

[Carbon Capture Large-Scale Pilot Projects](#)

[Advanced Energy Manufacturing and Recycling Program](#)

[Renew America's Schools Grant](#)

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[Accelerate Electric Heat Pump Manufacturing](#)

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[Cost-effective Codes Implementation for Efficiency and Resilience](#)

[Electric Drive Vehicle Battery Recycling and Second Life Applications](#)

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[Hydroelectric Production Incentives](#)

[Clean Energy Workforce: Industrial Assessment Centers](#)

[Industrial Research and Assessment Center Implementation Grants](#)

[Wind Energy Technologies Office \(WETO\) Address Key Deployment Challenges for Offshore, Land-Based, and Distributed Wind](#)

[Solar and Wind Grid Services and Reliability Demonstration program](#)

[State Manufacturing Leadership Program](#)

[Rare Earth Security Activities](#)

[Advancing Equity Through Workforce Partnerships Funding Program](#)

[Critical Material Innovation, Efficiency, and Alternatives](#)

[Photovoltaics Research and Development \(PVRD\) Funding Program](#)

[Carbon Dioxide Transport Engineering and Design Program](#)

[Clean Energy Workforce: Building Training and Assessment Centers \(BTAC\)](#)

[Energy Efficiency and Conservation Block Grant \(EECBG\) Program Competitive Awards](#)

[Energy Improvement in Rural or Remote Areas](#)

[Energy Champions Leading the Advancement of Sustainable Schools Prize \(Energy CLASS Prize\)](#)

[Wind Energy Technologies Office \(WETO\) Small Business Innovative Research Program](#)

Additional U.S. Department of Energy Links

[Department of Energy Press Releases](#)

[Clean Energy Infrastructure Programs at Department of Energy](#)

[Office of Clean Energy Demonstrations Announcements](#)

[Office of Manufacturing and Energy Supply Chains Announcements](#)

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[Climate Pollution Reduction Grants](#)

[Information on Drinking Water programs](#)

[Federal Infrastructure Investment Programs related to Brownfields](#)

[Clean School Bus Rebate & Grant Program](#)

[Environmental Justice Government-to-Government \(EJG2G\) Program](#)

[Solid Waste Infrastructure for Recycling Infrastructure Grants for Communities](#)

[National Estuary Program](#)

[Environmental Justice Collaborative Problem Solving \(EJCPS\) Program](#)

[Recycling Education and Outreach Grants](#)

[Enhanced Air Quality Monitoring for Communities](#)

[Pollution Prevention \(P2\) grants](#)

[Long Island Sound Program](#)

[HFC Reclaim and Innovative Destruction grants](#)

[Southeast New England Coastal Watershed Restoration Program \(SNEP\)](#)

Links to U.S. Army Corp of Engineers Projects

Construction, Rehabilitation, and Restoration Work Program

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[FY22 Spend Plan Summer 2023 Addendum](#)

[FY24 Spend Plan 2024 Addendum](#)

[FY24 Work Plan](#)

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[FY23 Spend Plan Addendum](#)

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Flood Control and Coastal Emergencies Spending Plan

[FY22 Spend Plan](#)

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Links to U.S. Department of Interior Projects

[Aging Infrastructure Program](#)

[Rural Water Projects](#)

[Orphaned Well Site Plugging, Remediation, And Restoration](#)

[Water & Groundwater Storage and Conveyance](#)

[WaterSMART Grants](#)

[Grants For States and Tribes for Voluntary Restoration](#)

[Energy and Minerals Research Facility](#)

[Dam Safety Program](#)

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[Safety of Dams, Water Sanitation, and Other Facilities](#)

[Ecosystem - Fish Passage](#)

[Earth Mapping Resources Initiative](#)

[National Geological and Geophysical Data Preservation Program](#)

[Department of Interior – Bureau of Indian Affairs projects](#)

Links to U.S. Department of Agriculture Projects

[ReConnect Program for Rural e-connectivity](#)

[Watershed Rehabilitation Program](#)

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Links to U.S. Department of Commerce Projects

[Broadband Equity, Access, and Deployment \(BEAD\) Program](#)

[Tribal Broadband Connectivity Program](#)

[Enabling Middle Mile Broadband Infrastructure Program](#)

Additional U.S. Department of Commerce Links

[Fact Sheet: Department of Commerce’s Use of BIL funding](#)

[MassTech State Digital Plan](#)

Links to U.S. General Services Administration (GSA) Projects

[Land Ports of Entry \(LPOE\) Program](#)

[Link to LPOE Map](#)

[Low-embodied Carbon \(LEC\) Program](#)

[Link to LEC Map](#)

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Links to Federal Emergency Management Agency (FEMA) Projects

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[FY23 BRIC Overview Sheet](#)

[Flood Mitigation Assistance](#)

[Open FEMA Detailed Data on Project Spending](#)

Links to National Oceanic and Atmospheric Administration (NOAA) Projects

[Habitat Restoration and Coastal Resilience Projects](#)

[National Coastal Resilience Fund](#)

[Restoring Fish Passage through Barrier Removal](#)

[Coastal Zone Management Awards Habitat Protection and Restoration](#)

[National Estuarine Research Reserve System Habitat Protection and Restoration](#)

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[Marine Debris Community Action Coalition Competition](#)

[NOAA BIL Funding](#)

Federal Communications Commission (FCC) Projects

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Appendix C: Full List of Grant Funding for all U.S States and Territories

Total Awarded State Rank	State	Total Awarded from Grants
1	California	21,019,853,010
2	Texas	13,457,346,458
3	New York	11,068,646,014
4	Maryland	8,865,604,681
5	Pennsylvania	7,318,872,583
6	Illinois	7,033,098,095
7	New Jersey	6,215,814,993
8	Florida	6,214,665,934
9	Michigan	6,138,041,417
10	Washington	6,083,364,300
11	North Carolina	5,473,237,550
12	Louisiana	5,041,127,302
13	Ohio	4,828,658,612
14	Virginia	4,816,599,689
15	Oregon	4,691,079,589
16	Kentucky	4,371,485,062
17	Massachusetts	4,299,580,540
18	Alaska	4,215,918,868
19	Colorado	3,858,963,080
20	Missouri	3,702,420,539
21	Minnesota	3,693,286,972
22	Connecticut	3,618,717,929
23	Georgia	3,533,184,202
24	Indiana	3,350,223,961
25	Arizona	3,346,043,647
26	Alabama	3,286,854,266
27	Nevada	3,062,869,632
28	Montana	2,876,291,797
29	North Dakota	2,875,524,867
30	Mississippi	2,871,540,508
31	Wisconsin	2,856,881,573
32	Tennessee	2,702,533,500
33	Oklahoma	2,627,298,617
34	Arkansas	2,455,696,026
35	West Virginia	2,412,421,568
36	New Mexico	2,348,265,634
37	Wyoming	2,327,393,776
38	Iowa	2,088,144,530
39	South Carolina	1,724,266,547
40	Utah	1,629,429,363
41	Maine	1,592,056,586
42	Kansas	1,513,326,726
43	Nebraska	1,425,118,117
44	Rhode Island	1,268,161,805
45	South Dakota	1,258,328,641
46	Idaho	1,200,266,014
47	Vermont	1,116,597,734
48	Hawaii	1,060,353,992
49	Delaware	884,035,503
50	New Hampshire	817,335,354
	Puerto Rico	1,220,963,985
	DC: District of Columbia	932,883,048
	Guam	319,973,846
	US Virgin Islands	218,561,435
	Northern Mariana Islands	105,722,194
	American Samoa	79,928,438
	Palau	34,991,340
	Total	209,449,851,986