

TABLE 14

**Federal budget authority for Transportation (400) R&D and R&D plant: FYs 2019–21**

(Millions of dollars and percent change)

Budget function and agency	2019 actual	2020 preliminary <sup>a</sup>	2021 proposed	2019–20 (% change)	2020–21 (% change)
R&D and R&D plant	1,621	1,695	1,253	4.5	-26.0
Air transportation (402)	1,076	1,120	1,096	4.1	-2.2
Federal Aviation Administration (DOT)	491	522	436	6.4	-16.4
National Aeronautics and Space Administration					
Aeronautics research	565	575	630	1.8	9.6
Transportation Security Administration (DHS)	21	23	30	11.2	28.9
Ground transportation (401) (DOT)	513	529	121	3.0	-77.1
Federal Highway Administration <sup>b</sup>	376	381	NA	1.3	--
Federal Motor Carrier Safety Administration <sup>b</sup>	9	9	NA	0.0	--
Federal Railroad Administration	40	40	41	0.0	1.0
Federal Transit Administration	28	36	33	28.6	-8.3
National Highway Traffic Safety Administration	60	62	47	3.7	-24.3
Water transportation (403)	3	0	5	-100.0	--
Coast Guard (DHS)	3	0	5	-100.0	--
Other transportation (407) (DOT) <sup>c</sup>	29	46	32	59.9	-31.7
R&D	1,582	1,656	1,224	4.7	-26.1
Air transportation (402)	1,040	1,085	1,069	4.3	-1.5
Federal Aviation Administration (DOT)	455	487	409	7.1	-15.9
National Aeronautics and Space Administration					
Aeronautics research	565	575	630	1.8	9.6
Transportation Security Administration (DHS)	21	23	30	11.2	28.9
Ground transportation (401) (DOT)	510	525	119	3.0	-77.4
Federal Highway Administration <sup>b</sup>	374	379	NA	1.3	--
Federal Motor Carrier Safety Administration <sup>b</sup>	9	9	NA	0.0	--
Federal Railroad Administration	39	39	39	0.0	1.0
Federal Transit Administration	28	36	33	28.6	-8.3
National Highway Traffic Safety Administration	60	62	47	3.7	-24.5
Water transportation (403)	3	0	5	-100.0	--
Coast Guard (DHS)	3	0	5	-100.0	--
Other transportation (407) (DOT) <sup>c</sup>	29	46	32	59.9	-31.7

NA = not available.

DHS = Department of Homeland Security; DOT = Department of Transportation.

<sup>a</sup> Does not include any R&D funded as part of the emergency coronavirus (COVID-19) response legislation in the 2020 calendar year.<sup>b</sup> The Administration did not include requested amounts for Federal Highway Administration or Federal Motor Carrier Safety Administration R&D in its FY 2021 budget proposal, pending introduction of a multiyear surface transportation reauthorization proposal. That proposal was not yet available at the time of publication.<sup>c</sup> Includes the Office of the Secretary of DOT and the Pipeline and Hazardous Materials Safety Administration.**Note(s):**

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

**Source(s):**

Agencies' submissions to the Office of Management and Budget per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices.