

Table 4**Federal obligations for research and experimental development, by selected departments, agencies, and performer: FY 2020**

(Millions of current dollars)

Agency	Total R&D	Intramural ^a	Extramural					
			United States and U.S. territories					Foreign
			Industry	All FFRDCs	Universities and colleges	Other nonprofits	State, local governments	
Total	167,404	51,472	51,430	13,150	38,543	10,699	722	1,392
Department of Agriculture	2,644	1,690	5	0	884	52	9	5
Department of Commerce	1,622	1,193	51	24	314	31	5	4
Department of Defense	66,695	22,667	35,234	1,822	4,525	1,474	9	965
Defense Advanced Research Projects Agency	3,664	317	2,383	112	648	163	0	41
Defense Health Agency	2,870	1,098	400	4	703	628	0	38
Department of the Air Force	11,683	4,676	6,134	289	552	9	1	23
Department of the Army	10,786	3,448	5,749	262	1,006	258	0	63
Department of the Navy	19,114	7,339	10,154	224	1,025	311	1	60
U.S. Space Force	4,386	135	3,872	247	18	1	5	108
Other defense agencies	14,191	5,655	6,540	686	574	103	2	632
Department of Energy	13,453	872	2,974	7,566	1,837	148	56	0
Department of Health and Human Services	60,006	19,300	7,581	931	23,928	7,608	368	289
Biomedical Advanced Research and Development Authority	15,666	9,930	5,271	12	274	174	7	0
National Institutes of Health	42,664	8,839	2,125	918	23,154	7,262	117	249
Department of the Interior	837	720	18	1	81	4	13	1
Department of Transportation	1,184	222	345	70	276	55	217	0
Department of Veterans Affairs	1,565	1,495	0	70	0	0	0	0
Environmental Protection Agency	489	244	191	2	52	0	0	0
National Aeronautics and Space Administration	10,538	2,552	4,196	2,266	1,108	384	4	29
National Science Foundation	6,351	9	458	267	5,238	345	15	19
Patient-Centered Outcomes Research Trust Fund	470	0	0	0	0	470	0	0
Smithsonian Institution	210	210	0	0	0	0	0	0
All other departments and agencies	1,340	298	377	131	300	128	26	80

FFRDC = federally funded research and development center.

^a Intramural activities cover costs associated with the administration of intramural R&D programs and extramural R&D procurements by federal personnel as well as actual intramural performance.**Note(s):**

Because of rounding, details may not add to total. FY 2020 obligations include additional funding provided by supplemental COVID-19–related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act).

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2020–21.