TABLE 34. Peak theoretical performance of centrally administered high-performance computing systems and architecture of the fastest system in academic institutions, by state, control, and institution: FY 2013
(Speed in teraflops)

State, control, and institution	Speed of all systems	Speed of fastest system	Architecture of fastest system	Systems with accelerators
Alabama				
Public				
AL State U.	10	10	PVP	1
Alaska				
Public				
U. AK, Fairbanks	53	33	C	2
Arizona				
Public				
AZ State U.	50	50	C	0
U. AZ	46	23	MPP	1
Arkansas				
Public				
U. AR, Fayetteville	75	75	C	1
California				
Public				
San Diego State U.	89	89	MPP	1
U. CA, Berkeley	21	21	C	1
U. CA, Los Angeles	400	400	C	1
U. CA, San Diego	410	286	C	2
U. CA, Santa Barbara	20	20	C	1
U. CA, Santa Cruz	58	58	C	1
Private				
Scripps Research Institute	34	34	C	1
Stanford U.	93	41	C	3
U. Southern CA	682	532	C	1
Colorado				
Public				
CO School of Mines	190	152	MPP	1
CO State U., Ft. Collins	11	11	MPP	0
U. CO, Boulder	185	185	C	0
U. CO, Denver and Anschutz Medical Campus	184	184	C	0
Connecticut				
Public				
U. CT	37	31	C	2
Private				
Wesleyan U.	25	25	E/E	1
Yale U.	55	55	C	1
Delaware				
Public				
U. DE	49	49	C	0
District of Columbia				
Private				
George Washington U.	70	70	C	1
Georgetown U.	10	10	C	0

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(Speed in teraflops)

State, control, and institution	Speed of all systems	Speed of fastest system	Architecture of fastest system	Systems with accelerators
Florida				
Public				
FL International U.	15	15	C	0
FL State U.	132	102	C	1
U. Central FL	59	59	C	1
U. FL	180	120	C	1
U. South FL, Tampa	65	65	C	1
Private				
U. Miami	200	150	C	1
Georgia				
Public				
GA Institute of Technology	10	10	C	1
GA State U.	14	14	C	0
U. GA	77	77	C	1
Idaho				
Public				
Boise State U.	25	25	C	1
Illinois				
Public				
Northern IL U.	36	36	C	1
U. IL, Urbana-Champaign	57	57	C	1
Private				
Northwestern U.	70	30	C	2
U. Chicago	556	143	C	3
Indiana				
Public				
IN U., Bloomington	1,032	1,006	MPP	1
IN U., South Bend	1,032	1,006	MPP	1
IN U.-Purdue U., Ft. Wayne	14	14	C	0
IN U.-Purdue U., Indianapolis	1,032	1,006	MPP	1
Purdue U., West Lafayette	1,843	1,366	C	1
Private				
U. of Notre Dame	175	75	C	0
Iowa				
Public				
IA State U.	217	183	C	3
U. IA	40	40	C	0
Kansas				
Public				
KS State U.	34	34	SMP	1
U. KS	50	27	C	1
Kentucky				
Public				
U. KY	140	140	C	1
U. Louisville	40	40	C	1

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State, control, and institution	Speed of all systems	Speed of fastest system	Architecture of fastest system	Systems with accelerators
Louisiana				
Public				
LA State U., Baton Rouge	262	212	C	2
Maine				
Private				
Bowdoin C.	10	10	C	1
Maryland				
Public				
U. MD, College Park	63	35	C	1
Private				
Johns Hopkins U.	164	25	MPP	3
Massachusetts				
Public				
U. MA, Amherst	33	25	C	3
U. MA, Boston	144	144	C	1
U. MA, Medical School	34	34	SMP	0
Private				
Boston U.	159	123	C	1
Brandeis U.	14	14	C	1
Harvard U.	485	175	C	2
Northeastern U.	61	34	C	0
Tufts U.	54	54	C	1
Woods Hole Oceanographic Institution	15	15	C	0
Michigan				
Public				
MI State U.	35	15	C	1
MI Technological U.	45	31	C	2
U. MI, Ann Arbor	330	330	C	1
Wayne State U.	45	45	C	0
Minnesota				
Public				
U. MN, Twin Cities	120	90	C	1
Mississippi				
Public				
Jackson State U.	12	12	C	0
MS State U.	45	34	C	0
U. MS and U. MS Medical Ctr.	14	14	C	0
Missouri				
Public				
MO U. of Science and Technology	14	14	C	1
U. MO, Columbia	10	10	C	1
Private				
St. Louis U.	12	12	C	1
Washington U., St. Louis	104	104	C	1
Montana				
Public				
MT Tech of the U. MT	13	13	C	1

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(Speed in teraflops)

State, control, and institution	Speed of all systems	Speed of fastest system	Architecture of fastest system	Systems with accelerators
Nebraska				
Public				
U. NE, Lincoln	65	43	C	2
U. NE, Medical Ctr.	65	43	C	2
U. NE, Omaha	100	52	C	2
Nevada				
Public				
U. NV, Las Vegas	48	36	C	2
New Hampshire				
Public				
U. NH	69	39	MPP	1
New Jersey				
Public				
Rutgers, the State U. NJ, New Brunswick	60	32	C	1
Private				
Princeton U.	533	451	C	1
New York				
Public				
CUNY, C. Staten Island	152	112	C	1
CUNY, Queens C.	148	110	C	1
SUNY, Buffalo	100	100	C	1
SUNY, Stony Brook	63	45	C	1
Private				
Clarkson U.	10	10	C	0
Cold Spring Harbor Lab.	33	33	C	0
Cornell U.	80	56	C	1
Icahn School of Medicine Mt. Sinai	100	100	C	1
Louis V. Gerstner Jr. Graduate School of Biomedical Sciences at Memorial Sloan-Kettering Cancer Ctr.	20	20	C	1
NY U.	28	28	C	NA
Rensselaer Polytechnic Institute	1,048	1,048	Other	0
Syracuse U.	30	30	C	0
U. Rochester	240	209	MPP	1
Yeshiva U.	20	10	C	2
North Carolina				
Public				
Elizabeth City State U.	11	11	C	0
NC State U.	65	65	C	1
U. NC, Chapel Hill	211	114	C	1
U. NC, Charlotte	66	54	C	1
U. NC, Greensboro	50	50	C	1
Winston-Salem State U.	10	10	C	0
Private				
Duke U.	81	57	C	2
Wake Forest U.	24	24	C	1
North Dakota				
Public				
ND State U.	11	11	C	0

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(Speed in teraflops)

State, control, and institution	Speed of all systems	Speed of fastest system	Architecture of fastest system	Systems with accelerators
Ohio				
Public				
OH State U.	210	154	C	2
U. Akron	50	24	C	2
U. Toledo	25	25	C	1
Private				
Case Western Reserve U.	33	18	C	1
Oklahoma				
Public				
OK State U., Stillwater	49	49	C	1
U. OK	112	112	C	1
Oregon				
Public				
U. OR	108	108	C	1
Pennsylvania				
Public				
PA State U., Erie, The Behrend C.	125	54	C	1
PA State U., University Park and Hershey Medical Ctr.	296	60	C	2
Temple U.	39	23	C	0
U. Pittsburgh, Pittsburgh	86	86	E/E	1
Private				
Bucknell U.	16	16	MPP	1
Carnegie Mellon U.	50	37	SMP	1
Drexel U.	33	33	C	1
Duquesne U.	100	100	SMP	1
Rhode Island				
Private				
Brown U.	120	120	C	1
South Carolina				
Public				
Clemson U.	397	397	C	1
U. SC, Columbia	13	13	C	1
South Dakota				
Public				
SD State U.	21	21	C	1
Tennessee				
Public				
U. Memphis	52	52	C	1
U. TN, Chattanooga	29	16	C	0
U. TN, Knoxville	42	28	C	1
Private				
Fisk U.	132	132	C	0
Vanderbilt U.	17	17	C	1
Texas				
Public				
TX A&M U., College Station	34	34	C	1
TX Southern U.	10	10	SMP	1

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(Speed in teraflops)

State, control, and institution	Speed of all systems	Speed of fastest system	Architecture of fastest system	Systems with accelerators
TX State U., San Marcos	15	15	C	1
TX Tech U.	123	104	C	0
U. Houston	35	22	C	2
U. North TX	90	90	C	1
U. North TX, Health Science Ctr.	88	88	C	1
U. TX, Austin	10,000	9,600	C	3
U. TX, Health Science Ctr., San Antonio	10	10	C	1
U. TX, M. D. Anderson Cancer Ctr.	61	61	C	0
Private				
Baylor C. of Medicine	20	10	C	1
Baylor U.	15	15	C	0
Rice U.	203	85	MPP	1
Southern Methodist U.	21	21	C	1
Utah				
Public				
U. UT	10	10	C	1
Private				
Brigham Young U., Provo	156	90	C	0
Vermont				
Public				
U. VT	35	35	C	1
Virginia				
Public				
C. of William and Mary and VA Institute of Marine Science	26	15	C	1
Old Dominion U.	10	10	C	1
VA Commonwealth U.	58	34	C	1
VA Polytechnic Institute and State U.	667	417	C	3
Washington				
Public				
Eastern WA U.	132	132	C	1
U. WA, Seattle	84	84	C	1
WA State U.	18	18	C	0
West Virginia				
Public				
WV State U.	13	13	C	1
WV U.	39	39	C	0
Wisconsin				
Public				
U. WI, Eau Claire	10	10	C	1
U. WI, Madison	12	12	C	1
U. WI, Milwaukee	11	11	C	0
Private				
Marquette U.	10	10	C	0
Wyoming				
Public				
U. WY	120	94	C	3

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State, control, and institution	Speed of all systems	Speed of fastest system	Architecture of fastest system	Systems with accelerators
Puerto Rico				
Private				
San Juan Bautista School of Medicine	10	10	SMP	0

NA = not available; institution did not provide data.

C = cluster; E/E = experimental/emerging; MPP = massively parallel processor; PVP = parallel vector processor; SMP = symmetric multiprocessor.

NOTES: Only those institutions reporting centrally administered high-performance computing are reported. High-performance computing is defined as systems of 10 teraflops or faster.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2013.