

Centrally administered high-performance computing in academic institutions, by type of institution and computing architecture: FY 2011

Type of institution	Number of institutions	Number of institutions with HPC	Type of architecture				Number of institutions with HPC accelerators
			Clusters	MPP	SMP	Other	
All institutions	539	192	187	21	37	38	101
Doctorate granting	379	178	174	17	33	36	97
Nondoctorate granting	160	14	13	4	4	2	4
Public	342	135	131	16	26	24	77
Private	197	57	56	5	11	14	24
Public doctorate granting	260	125	121	12	24	22	73
Private doctorate granting	119	53	53	5	9	14	24

HPC = high-performance computing; MPP = massively parallel processor; SMP = symmetric multiprocessor.

NOTES: Each institution is counted only once in each architecture. Centrally administered HPC is located within a distinct organizational unit with a staff and a budget; the unit has a stated mission that includes supporting HPC needs of faculty and researchers. Institutions may have HPC of more than one type of architecture. Accelerators may be system components or independent.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities, FY 2011.