HPCI第2階層システム 運用＆整備計画 (2016年9月時点)

Fiscal Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Hokkaido	HITACHI SR16000/M1（172TF, 22TB） Cloud System BS2000（44TF, 14TB） Data Science Cloud / Storage HA8000 / WOS7000（10TF, 1.96PB）				3.2 PF (UCC + CFL/M) 0.96MW 0.3 PF (Cloud) 0.36MW					30 PF（UCC + CFL-M） 2MW		
Tohoku	NEC SX-9 他 (60TF)	SX-ACE(707TF,160TB, 655TB/s) LX406e(31TF), Storage(4PB), 3D Vis, 2MW					~30PF, ~30PB/s Mem BW (CFL-D/CFL-M) ~3MW					
Tsukuba	HA-PACS (1166 TF) COMA (PACS-IX) (1001 TF)					PACS-X 10PF (TPF) 2MW						
Tokyo	Fujitsu FX10 (Oakleaf/Oakbridge) (1.27PFlops, 168TiB, 460 TB/s), Hitachi SR16K/M1 (54.9 TF, 10.9 TiB, 28.7 TB/s)			Post T2K: Oakforest-PACS (OFP) 25 PF (UCC + TPF) up to 4.5MW Reedbush: 1.80-1.93 PF (FAC) 0.6 MW Reedbush-H+ 3.0 PF (FAC) 0.2 MW		50+ PF (FAC) 3.5MW			100+ PF 4.5MW (UCC + TPF)		200+ PF (FAC) 6.5MW	
Tokyo Tech.	TSUBAME 2.5 (5.7 PF, 110+ TB, 1160 TB/s), 1.4MW			TSUBAME 3.0 (12～15 PF, 1.6～2PB/s) (3.5アップグレード可能なら2019に40PF) TSUBAME 2.5 延長運用 最大5 PF		両システムで 1.4MW			TSUBAME 4.0 (100+ PF, >10PB/s, ~2.0MW)			
Nagoya	FX10(90TF) CX400(470TF) SGI UV2000 (24TF, 20TiB)	Fujitsu FX100 (2.9PF, 81 TiB) Fujitsu CX400 (774TF, 71TiB)		2MW in total		50+ PF (FAC/UCC + CFL-M) up to 4MW				100+ PF (FAC/UCC+CFL-M) up to 4MW		
Kyoto	Cray: XE6 + GB8K + XC30 (983TF) Cray XC30 (584TF)			Cray XC40(5.5PF) + CS400(1.0PF) 1.33 MW			50-100+ PF (FAC/TPF + UCC) 1.8-2.4 MW					
Osaka	NEC SX-ACE (423TF) NEC Express5800 (22.4TF)				3.2PB/s,10~20Pflop/s, 1.0-1.5MW (CFL-M) 0.7-1PF (UCC)					25.6 PB/s, 50-100Pflop/s,1.5-2.0MW		
Kyushu	HA8000 (712TF, 242 TB) SR16000 (8.2TF, 6TB) FX10 (272.4TF, 36 TB) CX400 (966.2 TF, 183TB)	2.0MW			7+ PF (UCC/TPF) 2.6MW FX10 (90.8TFLOPS)					100+ PF ～3MW (FAC/TPF + UCC/TPF)		
JAMSTEC	NEC SX-9 (131TF) 5MW	SX-ACE(1.3PF, 320TiB) 3MW						100PF, 3MW				

電力は最大供給量（空調システム含む）