

**Table 13.14-- SUMMARY OF TELESCOPES AND RELATED FACILITIES,
IN OPERATION ON MAUNA KEA: 2008**

Telescope (Mirror diameter in meters)	Year completed	Capital cost ^{1/} (\$mil.)	Annual operating cost (\$mil.)	Local staff (No. of people)
UH 2.2-m (Optical/Infrared)	1970	5.0	1.2	7
Canada-France-Hawaii 3.6-m (Optical/Infrared)	1979	30.0	7.5	49
NASA IRTF 3.0-m (Infrared)	1979	10.0	4.0	16
United Kingdom 3.8-m (Infrared)	1979	5.0	3.3	27
James Clerk Maxwell 15-m Submillimeter	1986	32.0	3.8	27
Caltech 10.4-m Submillimeter	1986	10.0	2.6	11
VLBA Antenna 25-m (Radio)	1992	7.0	0.3	2
W.M.Keck Observatory (Keck I&II) 10-m x2 (Optical/Infrared)	1992 / 1996	170.0	13.0	130
Subaru (Japan National Large Telescope 8-m (Optical/Infrared)	1999	170.0	18.4	96
Frederick C. Gillett Gemini 8-m (Optical/Infrared)	1999	92.0	13.3	105
Submillimeter Array 8x6-m	2003	80.0	5.0	27
Mauna Kea Observatories Support Services	1980	NA	3.9 ^{2/}	30
TOTAL		\$611.0	\$72.4	527

NA = Not applicable.

^{1/} Historical cost, not adjusted for inflation, and not including subsequent capital improvements for Mauna Kea Observation.

^{2/} Not included in the total since derived from facility operating costs.

Source: University of Hawaii at Manoa, Institute for Astronomy, records.