

**Table 13.14-- SUMMARY OF TELESCOPES AND RELATED FACILITIES,
IN OPERATION ON MAUNA KEA: 2003**

Telescope (diameter in meters)	Year completed	Capital cost ^{1/} (\$mil.)	Annual operating cost (\$mil.)	Local staff (No. of people)
UH 0.6-m (optical)	1968	0.3	^{2/}	^{2/}
UH 2.2-m (optical/infrared)	1970	5.0	1.3	8
Canada-France-Hawaii 3.6-m (optical/infrared)	1979	30.0	6.2	50
NASA IRTF 3.0-m (infrared)	1979	10.0	3.2	16
United Kingdom 3.8-m (infrared)	1979	5.0	3.0	31
James Clerk Maxwell 15-m submillimeter	1986	32.0	5.0	39
Caltech 10.4-m submillimeter	1986	10.0	2.6	11
W.M.Keck Observatory (Keck I&II) 10-m x2 (optical/infrared)	1992 / 1996	170.0	11.0	115
VLBA Antenna 25-m (radio)	1992	7.0	0.25	2
Submillimeter Array 8x6-m	2003	80.0	6.0	36
Subaru (Japan National Large Telescope 8-m (optical/infrared)	1999	170.0	15.0	70
Frederick C. Gillett Gemini 8-m (optical/infrared)	1999	92.0	8.0	70
Mauna Kea Observatories Support Services	NA	NA	2.4 ^{3/}	28
TOTAL		\$611.0	\$61.6	476

NA = Not applicable.

^{1/} Historical cost, not adjusted for inflation.

^{2/} Combined budget and staffing with UH 2.2-m telescope.

^{3/} Not included in the total since derived from facility operating costs.

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