

Supplementary material to Van der Eng, Pierre and Sohn, Kitae, 'The Biological Standard of Living in China during the 20th Century', *The China Quarterly* (2019)

Table A1: Age at Menarche of Women in China and of Ethnic Chinese Women in Other Countries, Results from Studies

Province, region, sub-group	Survey year	Sample size	Method	Ages or birth years	Mean or median	Source (original and = used source)
Beijing	<1899	50	Rec		16.50	Matignon (1899) p.11, also in Edwards (1982) p.8
Beijing, approximation	<1909	220	SQ		15.00	Gaupp (1909) p.733, also in Edwards (1982) p.8
Fujian province, Yongchun town	<1920	599	?		15.40	Preston Maxwell (unpublished) in Mills (1937) p.46
Beijing, 'middle-upper class' M-HSEG	1917-25	1,590	Rec	aged 20<	13.67	Heath (1925) p.702, also in Edwards (1982) p.6
Guangzhou, urban	<1925	869	Rec	aged 9-26	14.09	Chau and Wright (1925) p.683, also in Edwards (1982) p.6
Guangdong, rural	<1925	1,422	Rec	aged 9-26	14.78	Chau and Wright (1925) p.683, also in Edwards (1982) p.6
Guangdong, total sample	<1925	2,291	Rec	aged 9-26	14.52	Chau and Wright (1925) p.683, also in Edwards (1982) p.6
Zhejiang and Jiangsu provinces, and Shanghai, urban	1931-34	92	Rec	aged 10-15	14.00	Calculated from Tao and Shu (1937) p.300 (age adjusted)
Zhejiang and Jiangsu provinces, and Shanghai, urban	1931-34	331	Rec	aged 16-20	14.24	Calculated from Tao and Shu (1937) p.300 (age adjusted)
Zhejiang and Jiangsu provinces, and Shanghai, urban	1931-34	398	Rec	aged 21-30	14.68	Calculated from Tao and Shu (1937) p.300 (age adjusted)
Zhejiang and Jiangsu provinces, and Shanghai, urban	1931-34	249	Rec	aged 31-40	15.12	Calculated from Tao and Shu (1937) p.300 (age adjusted)
Zhejiang and Jiangsu provinces, and Shanghai, urban	1931-34	103	Rec	aged 41-50	15.33	Calculated from Tao and Shu (1937) p.300 (age adjusted)
Zhejiang and Jiangsu provinces, and Shanghai, urban	1931-34	20	Rec	aged 51-60	15.30	Calculated from Tao and Shu (1937) p.300 (age adjusted)
Zhejiang and Jiangsu provinces, and Shanghai, urban	1931-34	8	Rec	aged 61-70	14.88	Calculated from Tao and Shu (1937) p.300 (age adjusted)
Zhejiang and Jiangsu provinces, and Shanghai, urban, total	1931-34	1,201	Rec	aged 10-70	14.48	Calculated from Tao and Shu (1937) p.300 (age adjusted)
Shanghai, Wuxi and Ningbo, urban, students, HSEG	1933	339	?		13.60	Tao <i>et al.</i> (1936) in Tao and Shu (1937) p.298 (age adjusted)
Shanghai, Wuxi and Ningbo, urban, non-students	1933		?		16.30	Tao <i>et al.</i> (1936) in Tao and Shu (1937) p.298 (age adjusted)
Shanghai and Wuchang cities, middle school/college, HSEG	<1934	309	Rec		13.56	Westbrook <i>et al.</i> (1934) p.42
Shanghai, Nanjing, Suzhou, urban, HSEG	<1934	2,924	Rec	80%+ <25y	14.07	Yang and Gear (1934) p.645
Hunan province, Changsha city, middle schools	<1936	2,000	Rec		14.36	Calculated from Chang (1936) p.974 (age adjusted), also in Edwards (1982) pp.3 and 6
Beijing, HSEG	1948-54	3,608	Rec	1918-1932	14.90	Chen, Wang and Mi (2014) p.76
Shanghai	1947-49	857	Rec	aged 15-30	15.39	Yu (1951) p.147 (age adjusted)
Dalian, students from Central China	<1953	436	Rec		14.19	Xiong (1953) p.233
Dalian, students from Northern China	<1953	486	Rec		14.84	Xiong (1953) p.233
Dalian, total	<1953	922	Rec	aged 15-35	14.53	Calculated from Xiong (1953) p.233

Shanghai	1955	510	Rec	aged 10-18	13.94	Zhao (1957) p.355
Guangzhou, urban	<1957	1,887	Rec	aged 15-90	14.20	He and Lin (1957) p.351 (age adjusted), also in Edwards (1982) p.10
Henan province, Zhengzhou city	1958	517	Rec	aged 9-16	13.90	Zhang and Wang (1963) p.258
Hubei province, Wuhan city, urban	1959	15,023	Rec	aged 14-90	14.61	Wuhan School of Medicine (1960) p.10 (age adjusted)
Hubei province, Yingcheng county, rural	1959	5,947	Rec	aged 14-90	15.54	Wuhan School of Medicine (1960) p.10 (age adjusted)
Hubei province, total	1959	20,970	Rec	aged 14-90	14.87	Calculated from Wuhan School of Medicine (1960) p.10 (age adjusted, Edwards (1982) p.10)
Beijing	<1960	543	?		13.60	Luo (1960) in Zhongshan Medical College (1982) p.790
Guangxi province, Baise county, rural	<1960	413	Rec	aged 13-24	14.30	Yan (1960) p.14
Hubei province, Wuhan city, rural suburb	1959	410	Rec	aged 12-26	15.48	Yang (1960) p.11
Beijing	1963	933	?		14.47	Beijing Normal University (1977) p.97
Beijing, HSEG	1960s	479	Rec	1948-1954	13.40	Chen, Wang and Mi (2014) p.76
Beijing, average economic status	1963-64	1,667	Rec		14.50	Ye <i>et al.</i> (1981) pp.102-103
Beijing, Yangzhuang district	1975	735	SQ		14.27	Beijing Normal University (1977) p.97 (age adjusted)
Beijing, Shunyi district	1975	438	SQ		14.11	Beijing Normal University (1977) p.99 (age adjusted)
Beijing, total	1975	1,173	SQ		14.21	Calculated from Beijing Normal University (1977) pp.97 and 99
Shandong province, Yantai city	<1978	55,140	?		14.80	Unpublished study in Zhongshan Medical College (1982) p.790
Liaoning province, Liaoning city	<1978	8,379	?		14.56	Unpublished study in Zhongshan Medical College (1982) p.790
Guangdong province, Zhaoqing city	<1978	1,238	?		13.30	Unpublished study in Zhongshan Medical College (1982) p.790
Harbin	<1978	3,714	?		13.83	Unpublished study in Zhongshan Medical College (1982) p.790
Henan province, Zhengzhou city	<1978	2,097	?		13.54	Unpublished study in Zhongshan Medical College (1982) p.790
Jilin province, Jilin county, Hailong town	<1978	2,051	?		16.08	Unpublished study in Zhongshan Medical College (1982) p.790
Guangxi province, Zhuang autonomous region	<1978	3,967	?		14.31	Unpublished study in Zhongshan Medical College (1982) p.790
Shanghai	1978-79	2,202	SQ	aged 7-18	14.10	Zhang <i>et al.</i> (1982) p.166
National	1978-80	131,410	Rec	aged 9-20	15.26	Zhang <i>et al.</i> (1984) p.192 (age adjusted)
National	1979	?	SQ		13.50	Sun <i>et al.</i> (2012) p.283
Dalian	1980	1,601	SQ		13.56	Jiang (1981) in Cui <i>et al.</i> (1986) p.1-2
Beijing, Haidian district	1979-86	973	?		12.88	Li (1988) in Liu (1997) p.308
Nanjing	1980	1,660	SQ		13.67	Li <i>et al.</i> (1981) p.351
Beijing, total	1980-81	2,343	Rec		14.14	Cui <i>et al.</i> (1982) pp.488-489

Beijing, urban	1980-81	820	SQ	aged 10-25	12.77	Cui <i>et al.</i> (1982) pp.488-489
Beijing total	1980-81	1,805	SQ	aged 10-25	13.94	Cui <i>et al.</i> (1982) pp.488-489
National, urban	1980-81	2,756	Rec		13.57	Cui <i>et al.</i> (1982) pp.488-489
National, rural	1980-81	8,629	Rec		15.23	Cui <i>et al.</i> (1982) pp.488-489
National, total	1980-81	11,385	Rec		14.83	Cui <i>et al.</i> (1982) pp.488-489
National, urban	1980-81	1,663	SQ		12.79	Cui <i>et al.</i> (1982) pp.488-489
National, rural	1980-81	9,932	SQ		15.15	Cui <i>et al.</i> (1982) pp.488-489
National, total	1980-81	11,595	SQ		14.81	Cui <i>et al.</i> (1982) pp.488-489
Guangdong province, Guangzhou and Foshan	<1982	2,134	Rec		12.95	Zhongshan Medical College (1982) pp.790 and 795
Guangdong province, Wengyan and Yangshan rural counties	<1982	341	Rec		13.72	Zhongshan Medical College (1982) pp.790 and 795
Guangdong province, Taishan coastal county	<1982	906	Rec		13.89	Zhongshan Medical College (1982) pp.790 and 795
Guangdong province, total	<1982	3,381	Rec	aged 9-18	13.26	Zhongshan Medical College (1982) pp.790 and 795
Shanghai, medical college	1984-87	1,237	Rec	1961-1971	13.46	Calculated from Liu <i>et al.</i> (1989) p.17
Beijing	1985	4,248	SQ		12.62	Lin <i>et al.</i> (1992) p.508
National, urban, Han women	1985	84,652	SQ		13.17	Lin <i>et al.</i> (1992) p.508
National, rural, Han women	1985	78,250	SQ		13.80	Lin <i>et al.</i> (1992) p.508
National, other women	1985	34,232	SQ		14.00	Lin <i>et al.</i> (1992) p.508
National, total	1985	197,134	SQ		13.56	Calculated from Lin <i>et al.</i> (1992) p.508
Beijing	1985	2,446	SQ	aged 9-20	12.62	Chen, Wang and Mi (2014) p.76 and Lin <i>et al.</i> (1992) p.510
National, urban, Han women	1985	61,487	SQ		13.09	Song <i>et al.</i> (2014) pp.1173 and 1178
National, rural, Han women	1985	61,416	SQ		13.73	Song <i>et al.</i> (2014) pp.1173 and 1178
National, total, Han women	1985	122,903	SQ		13.41	Song <i>et al.</i> (2014) pp.1173 and 1178
National	1988	7,418	Rec	1950-1954	14.50	Wang and Murphy (2002) p.357
National	1988	7,702	Rec	1955-1959	14.39	Wang and Murphy (2002) p.357
National	1988	8,199	Rec	1960-1964	14.12	Wang and Murphy (2002) p.357
National	1988	4,336	Rec	1965+	13.95	Wang and Murphy (2002) p.357
Shanghai	1989	536	Rec	1972-1978	12.91	Wang <i>et al.</i> (1991) p.4
Urban, various provinces	1989	1,500	Rec	aged 11-20	13.38	Yang (2001) p.138
National, urban, Han women	1991	32,176	SQ		13.01	Ohsawa <i>et al.</i> (1997) p.207
National, rural, Han women	1991	32,146	SQ		13.64	Ohsawa <i>et al.</i> (1997) p.207
National, total, Han women	1991	64,322	SQ		13.32	Ohsawa <i>et al.</i> (1997) p.207

Beijing	1991	1,016	SQ	aged 9-18	12.50	Chen, Wang and Mi (2014) p.76; Ohsawa <i>et al.</i> (1997) p.207
Guangxi province, Zhuang nationality, urban	1991	?	SQ	aged 7-22	12.97	Wang (1994) p.55
Guangxi province, Zhuang nationality, rural	1991	?	SQ	aged 7-22	13.12	Wang (1994) p.55
China, 22 cities	1991-92	8,069	SQ	aged 12-18	13.08	Weighted average calculated from Hu <i>et al.</i> (1995) p.2
Weifang city	1993-94	282	SQ	aged 10-16	13.56	Liu (1997) p.307
Zhejiang and Jiangsu provinces	1991-96	7,128	Rec	1955-1960	15.70	Lyu <i>et al.</i> (2014) p.3
Zhejiang and Jiangsu provinces	1993-97	53,245	Rec	1961-1965	15.50	Lyu <i>et al.</i> (2014) p.3
Zhejiang and Jiangsu provinces	1995-97	309,379	Rec	1966-1970	15.10	Lyu <i>et al.</i> (2014) p.3
Zhejiang and Jiangsu provinces	1996-00	369,971	Rec	1971-1975	14.90	Lyu <i>et al.</i> (2014) p.3
Zhejiang and Jiangsu provinces	2000-04	348,356	Rec	1976-1980	14.80	Lyu <i>et al.</i> (2014) p.3
Zhejiang and Jiangsu provinces	2003-08	79,040	Rec	1981-1985	14.70	Lyu <i>et al.</i> (2014) p.3
Zhejiang and Jiangsu provinces, total	1991-08	1,167,119	Rec	1955-1985	14.94	Calculated from Lyu <i>et al.</i> (2014) p.3
Anhui province, two rural counties	1993	3,894	Rec	<1949	16.50	Graham <i>et al.</i> (1999)
Anhui province, two rural counties	1993	1,228	Rec	1949-53	15.80	Graham <i>et al.</i> (1999)
Anhui province, two rural counties	1993	1,422	Rec	1954-58	15.50	Graham <i>et al.</i> (1999)
Anhui province, two rural counties	1993	1,442	Rec	1959-63	15.20	Graham <i>et al.</i> (1999)
Anhui province, two rural counties	1993	2,050	Rec	1964-68	14.90	Graham <i>et al.</i> (1999)
Anhui province, two rural counties	1993	1,492	Rec	1969-73	14.30	Graham <i>et al.</i> (1999)
Anhui province, two rural counties	1993	1,198	Rec	1974-78	13.70	Graham <i>et al.</i> (1999)
Seven cities, railway middle schools	1994	2,449	Rec		12.87	Unweighted average from Zhang <i>et al.</i> (2000) p.16
National, urban, Han women	1995	43,669	SQ		12.82	Song <i>et al.</i> (2014) pp.1173 and 1178
National, rural, Han women	1995	41,760	SQ		13.26	Song <i>et al.</i> (2014) pp.1173 and 1178
National, total, Han women	1995	85,429	SQ		13.03	Song <i>et al.</i> (2014) pp.1173 and 1178
National	1997	769	Rec	1947-49	16.45	Wu <i>et al.</i> (2000) p.89
National	1997	3,904	Rec	1950-59	15.84	Wu <i>et al.</i> (2000) p.89
National	1997	4,987	Rec	1960-69	15.32	Wu <i>et al.</i> (2000) p.89
National	1997	4,116	Rec	1970-79	14.58	Wu <i>et al.</i> (2000) p.89
National	1997	903	Rec	1980-82	13.86	Wu <i>et al.</i> (2000) p.89
National	1997	14,679	Rec	1947-82	15.22	Wu <i>et al.</i> (2000) p.89
Urban (Shanghai, Beijing, Guangzhou, Wuhan)	1999	1,500	Rec	aged 11-20	12.54	Yang (2001) p.138
Zhejiang province, Hangzhou city, urban	1999	1,171	SQ	aged 13-16	12.80	Hesketh <i>et al.</i> (2002) p.349

Zhejiang province, Chunan district, rural	1999	815	SQ	aged 13-16	13.20	Hesketh <i>et al.</i> (2002) p.349
Zhejiang province, total sample	1999	1,986	SQ	aged 13-16	12.96	Hesketh <i>et al.</i> (2002) p.349
Guangzhou, urban	2000	1,000	SQ	aged 9-18	12.33	Mai (2002) pp.208-209
Guangzhou, urban, but rural origin	2000	1,000	SQ	aged 9-18	13.05	Mai (2002) pp.208-209
Guangzhou, urban, total	2000	2,000	SQ	aged 9-18	12.74	Mai (2002) pp.208-209
National	2000	?	SQ		12.63	Sun <i>et al.</i> (2012) p.283
Beijing	2000	1,402	SQ	aged 9-18	12.10	Chen, Wang and Mi (2014) p.76
Shanghai	2000	31,955	Rec	av.1940	15.21	Wu <i>et al.</i> (2014) p.3
Nanjing, urban	1999	9,811	SQ	aged 9-18	12.98	Lin <i>et al.</i> (2002) p.226
Nanjing, rural	1999	3,683	SQ	aged 9-18	13.76	Lin <i>et al.</i> (2002) p.226
Nanjing, total	1999	13,494	SQ	aged 9-18	13.20	Lin <i>et al.</i> (2002) p.226
Tai'an city, Shandong province	<2014	1,974	Rec	aged 80+	17.10	Qi (2014) p.134
Tai'an city, Shandong province	<2014	2,001	Rec	aged 60-79	15.60	Qi (2014) p.134
Tai'an city, Shandong province	<2014	2,005	Rec	aged 40-59	15.10	Qi (2014) p.134
Tai'an city, Shandong province	<2014	2,009	Rec	aged 20-39	13.20	Qi (2014) p.134
Tai'an city, Shandong province	<2014	2,011	Rec	aged <20	12.90	Qi (2014) p.134
Shanghai	2000s	6,929	Rec	1926-1985	14.63	Calculated from Delahanty <i>et al.</i> (2013) p.1137
National	2004-08	300,586	Rec	1925-1978	15.40	Lewington <i>et al.</i> (2014) pp.1255-1256
National, 9 cities, urban	2003-05	20,654	SQ	aged 3-20	12.27	Ma <i>et al.</i> (2009) in Mao <i>et al.</i> (2011) p.136
Guangzhou, 8 colleges, city origin	2004	271	Rec	aged 17-24	12.80	Zhang <i>et al.</i> (2005) pp.900-901
Guangzhou, 8 colleges, town origin	2004	450	Rec	aged 17-24	13.32	Zhang <i>et al.</i> (2005) pp.900-901
Guangzhou, 8 colleges, rural origin	2004	456	Rec	aged 17-24	13.92	Zhang <i>et al.</i> (2005) pp.900-901
Guangzhou, 8 colleges, total	2004	1,177	Rec	aged 17-24	13.51	Zhang <i>et al.</i> (2005) pp.900-901
Beijing, urban	2004	4,959	SQ		11.90	Chen, Wang and Mi (2014) p.76
Beijing, rural	2004	4,731	SQ		12.50	Chen, Wang and Mi (2014) p.76
Beijing, total	2004	9,778	SQ		12.10	Chen, Wang and Mi (2014) p.76
Anhui province	2004-05	9,097	Rec	25-64, av.44.8	14.95	Feng <i>et al.</i> (2009) p.593
Nanning city, Guangxi autonomous area	<2005	5,767	SQ	aged 3-16	12.05	Chen <i>et al.</i> (2005) p.163
National, urban, Han women	2005	47,737	SQ		12.60	Song <i>et al.</i> (2014) pp.1173 and 1178
National, rural, Han women	2005	45,030	SQ		12.92	Song <i>et al.</i> (2014) pp.1173 and 1178
National, total, Han women	2005	92,767	SQ		12.76	Song <i>et al.</i> (2014) pp.1173 and 1178

National	2005	?	SQ		12.17	Sun <i>et al.</i> (2012) p.283
Anhui province (Huangshan, Hefei, Suzhou), urban	2005	1,500	SQ	aged 9-18	12.76	Wang <i>et al.</i> (2007) abstract & text
Anhui province (Huangshan, Hefei, Suzhou), rural	2005	1,500	SQ	aged 9-18	13.11	Wang <i>et al.</i> (2007) abstract & text
Anhui province (Huangshan, Hefei, Suzhou), total	2005	3,000	SQ	aged 9-18	12.94	Calculated from Wang <i>et al.</i> (2007) abstract & text
Guangzhou, urban	2005-12	465,468	Rec	aged 9-15	12.10	Calculated from Deng <i>et al.</i> (2018) p.4
Shaanxi province	2007	42	Rec	before 1968	15.35	Wang (2016) p.2 and 6
Shaanxi province	2007	600	Rec	1968-1988	14.55	Wang (2016) p.2 and 6
Shaanxi province	2007	600	Rec	after 1988	13.37	Wang (2016) p.2 and 6
Shaanxi province, total	2007	1,242	Rec		14.01	Calculated from Wang <i>et al.</i> (2016) p.2 and 6
Sichuan province	<2007	446	SQ		13.33	Liu <i>et al.</i> (2007) p.1278
Pudong (Shanghai)	2007-08	56,933	Rec	aged 25-75	15.71	Calculated from Chen <i>et al.</i> (2009) p.501
Changzhou province, urban and rural	2008	13,047	SQ		12.63	Mao <i>et al.</i> (2011) p.136
Beijing	2009	6,156	SQ	aged 6-19	12.19	Guo and Ji (2011) p.453
National, urban, Han women	2010	42,786	SQ		12.35	Song <i>et al.</i> (2014) pp.1173 and 1178
National, rural, Han women	2010	42,727	SQ		12.59	Song <i>et al.</i> (2014) pp.1173 and 1178
National, total, Han women	2010	85,513	SQ		12.47	Song <i>et al.</i> (2014) pp.1173 and 1178
National, 8 provinces, urban and rural	2010-11	15,388	SQ		12.43	Sun <i>et al.</i> (2012) p.282
National, 6 provinces, urban	2012-13	1863	Rec	av.14.3	12.30	Mao <i>et al.</i> (2018) pp.4-5
National, 6 provinces, rural	2012-13	1615	Rec	av.14.3	12.70	Mao <i>et al.</i> (2018) pp.4-5
National, 6 provinces, total	2012-13	3478	Rec	av.14.3	12.50	Mao <i>et al.</i> (2018) pp.4-5
Hubei province	2012-14	11,016	Rec	av.28.2	13.20	Li <i>et al.</i> (2017) p.3
Wuhan	<2013	338	Rec		12.30	Weng (2013) p.1210
Shaanxi province, vocational high school	<2014	590	Rec	av. ca.17	14.11	Jia and Yu (2014) abstract
Anhui province (Hefei, Chizhou, Suzhou), urban	2014	?	SQ	aged 7-18	11.68	Wang <i>et al.</i> (2016) p.332
Anhui province (Hefei, Chizhou, Suzhou), rural	2014	?	SQ	aged 7-18	12.21	Wang <i>et al.</i> (2016) p.332
Anhui province (Hefei, Chizhou, Suzhou), total	2014	4,844	SQ	aged 7-18	11.95	Wang <i>et al.</i> (2016) p.332
Shaanxi province, urban	2014-15	2,236	SQ		12.85	Chen <i>et al.</i> (2016) abstract
Shaanxi province, rural	2014-15	4,119	SQ		13.69	Chen <i>et al.</i> (2016) abstract
Shaanxi province, total	2014-15	6,355	SQ		13.67	Chen <i>et al.</i> (2016) abstract
Shaoxing city, Zhejiang province	2015	640	Rec	av.13.7	11.32	Xing <i>et al.</i> (2017) p.70
Shaoxing city, Zhejiang province, rural origin	2015	865	Rec	av.13.8	11.82	Xing <i>et al.</i> (2017) p.70

Shaoxing city, Zhejiang province, total	2015	1,505	Rec	av.13.7	11.60	Xing <i>et al.</i> (2017) p.70
<b>Hong Kong, ethnic Chinese</b>						
Hong Kong	1935	464	?		15.21	Mills (1935) in Mills (1937) p.46
South China origin, HSEG	1961-62	855	SQ	aged 6-20	12.51	Lee <i>et al.</i> (1963) p.391
South China origin, MSEG	1961-62	1,047	SQ	aged 6-20	12.75	Lee <i>et al.</i> (1963) p.391
South China origin, LSEG	1961-62	1,376	SQ	aged 6-20	13.25	Lee <i>et al.</i> (1963) p.391
South China origin, average	1961-62	3,278	SQ	aged 6-20	12.85	Lee <i>et al.</i> (1963) p.391
Hong Kong, HSEO	1961-63	1,528	SQ		12.63	Low <i>et al.</i> (1982) p.544
Hong Kong, LSEO	1961-63	1,097	SQ		13.25	Low <i>et al.</i> (1982) p.544
Hong Kong, HSEO	1977-79	273	SQ		12.41	Low <i>et al.</i> (1982) p.544
Hong Kong, LSEO	1977-79	991	SQ		12.65	Low <i>et al.</i> (1982) p.544
Hong Kong	1977-79	1,264	SQ		12.59	Low <i>et al.</i> (1982) p.544 in Huen <i>et al.</i> (1997) p.1123
Hong Kong	1986-87	123	Rec	aged 11-12	11.50	So and Yen (1992)
Hong Kong, HSEG	1993	1,487	SQ	aged 8-18	12.42	Leung <i>et al.</i> (1996) p.304
Hong Kong, MSEG	1993	3,522	SQ	aged 8-18	12.39	Leung <i>et al.</i> (1996) p.304
Hong Kong, LSEG	1993	1,611	SQ	aged 8-18	12.37	Leung <i>et al.</i> (1996) p.304
Hong Kong, average	1993	6,620	SQ	aged 8-18	12.39	Calculated from Leung <i>et al.</i> (1996) p.304
Hong Kong	1993	6,467	SQ		12.38	Huen <i>et al.</i> (1997) p.1123
Hong Kong	1995-2000	1,080	Rec	av.47.5	13.70	Cheung <i>et al.</i> (2014) p.50
Hong Kong	<2003	1,573	?	aged 8-15	11.67	Tang <i>et al.</i> (2003) p.196
Hong Kong	2005-06	5,609	Rec	1993.2	12.30	Chan <i>et al.</i> (2009) p.20
Hong Kong	2001-10	631	Rec	av.47.3	13.00	Cheung <i>et al.</i> (2014) p.50
<b>Taiwan</b>						
South-west	<1909	135	Rec	aged 11-22	16.65	Yamasaki (1909) p.1302-1303
North	<1909	100	Rec		16.18	Yamasaki (1909) p.1303
?	<1933	?	?	<20	14.17	Ko (1933) in Edwards (1982) p.7
Taipei, Hsinchuang industrial township	1970	3,616	Rec		14.60	Ko <i>et al.</i> (1985) p.120
Taipei, Kungliau fishing township	1970	2,091	Rec		15.40	Ko <i>et al.</i> (1985) p.120
Taipei, total	1970	5,707	Rec		14.87	Ko <i>et al.</i> (1985) p.120

Kaohsiung city	<1987	4,200	SQ	aged 11-19	12.86	Lin and Lee (1987) abstract
?	1994	?	Rec		13.60	Chow <i>et al.</i> (1997) abstract
Taichung city	1999	195	Rec	av.1926	15.16	Chang and Chen (2008) p.397-398
Taichung city	1999	200	Rec	av.1953	14.50	Chang and Chen (2008) p.397-398
Taichung city	1999	200	Rec	av.1978	13.00	Chang and Chen (2008) p.397-398
Taichung city	<2012	48	Rec	aged 9-14	11.67	Liu <i>et al.</i> (2012) p.44
Taipei and Taichung city	2004-08	5,372	Rec	aged 70-91	15.40	Chang <i>et al.</i> (2016) p.S29
Taipei and Taichung city	2004-08		Rec	aged 60-69	14.90	Chang <i>et al.</i> (2016) p.S29
Taipei and Taichung city	2004-08		Rec	aged 50-59	14.10	Chang <i>et al.</i> (2016) p.S29
Taipei and Taichung city	2004-08		Rec	aged 40-49	13.60	Chang <i>et al.</i> (2016) p.S29
Taipei and Taichung city	2004-08		Rec	ages 30-39	13.20	Chang <i>et al.</i> (2016) p.S29
Taipei and Taichung city	2004-08		Rec	aged <30	12.60	Chang <i>et al.</i> (2016) p.S29
Taipei	<2005	985	SQ		12.11	Wu (2005) abstract
Taipei	<2008	148	Rec	aged 8-18	11.97	Lai <i>et al.</i> (2008) pp.529-530
Taichung city	<2012	48	Rec	aged 9-14	11.67	Liu <i>et al.</i> (2012) p.44
North, urban	2000-07	1,545	Rec	1991.4	12.11	Lee <i>et al.</i> (2016) p.3
<b>USA, ethnic Chinese</b>						
Los Angeles, college students	1940	17	Rec		13.94	Ito (1942) p.339
Hawaii	1974-75	395	Rec	1900-1940	13.00	Goodman <i>et al.</i> (1983) p.51
USA and Canada, girls adopted from China	2005-11	814	Rec		12.37	Hayes and Tan (2016) p.255
<b>Malaysia, ethnic Chinese</b>						
University students	2010-11	120	Rec	aged 18-25	12.55	Hossein <i>et al.</i> (2013) p.709
<b>Singapore, ethnic Chinese</b>						
'Higher social levels'	1953	58	Rec		13.60	Wadsworth (1953) p.111
University students	1952-54	415	Rec		13.10	Aw and Tye (1970) p.333
University students	1964-66	896	Rec		12.70	Aw and Tye (1970) p.333
Wealthy	1968	895	Rec		12.40	Aw and Tye (1970) p.332
Average	1968	627	Rec		12.66	Aw and Tye (1970) p.332
Poor	1968	806	Rec		12.98	Aw and Tye (1970) p.332



Total sample	1968	2,238	Rec		12.69	Aw and Tye (1970) p.332
Singapore	1987	193	SQ	aged 7-19	12.88	Calculated from Loke <i>et al.</i> (1991) p.131
Singapore	<1992	614	Rec	aged 40-70	13.91	Calculated from Lee <i>et al.</i> (1992) pp.315-316
Singapore	1993-98	671	Rec	1917-1953	14.41	Calculated from Wu <i>et al.</i> (2003) p.453
Singapore	2003	3,235	SQ	aged 9-13	11.50	Yong <i>et al.</i> (2009) p.1058
Singapore (77% ethnic Chinese in sample)	2004	5,238	Rec	aged 9-16	12.15	Agarwal and Venkat (2009) p.366
Singapore	1993-98	31,058	Rec	av.1938.7	14.40	Mueller <i>et al.</i> (2012) p.719
<b>Indonesia, ethnic Chinese</b>						
Surabaya (Java), urban	1959	2,707	SQ	aged 8-21+	13.55	The and Soepatmi (1962) p.347
Surabaya (Java), urban	1959	659	Rec	aged 9-21+	12.82	The and Soepatmi (1962) p.346
<b>Indochina, ethnic Chinese</b>						
Cholon, Cochinchina, South Vietnam, urban	1874	106	Rec		16.50	Mondiere (1882) p.489; Mondiere (1880) p.258

a. 13th or 14th year of life, i.e. ages of 12-13.

HSEG = Higher Socio-Economic Group

MSEG = Middle Socio-Economic Group

LSEG = Lower Socio-Economic Group

Methodology: SQ = status quo, generally median with probit or logit; Rec = recollection, generally mean.

All ages in terms of last birthday, e.g. 13.1 is the 14th year of life. In some cases Chinese system of recording age adjusted by 0.5 years

## Appendix Table A1, References

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