

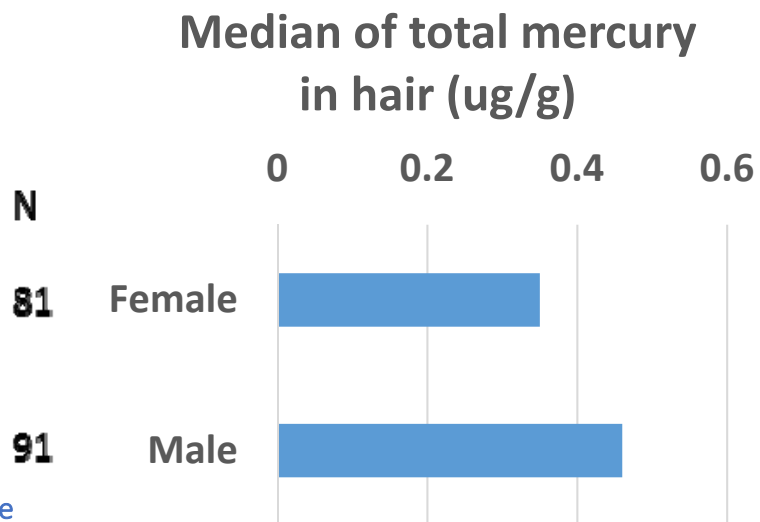
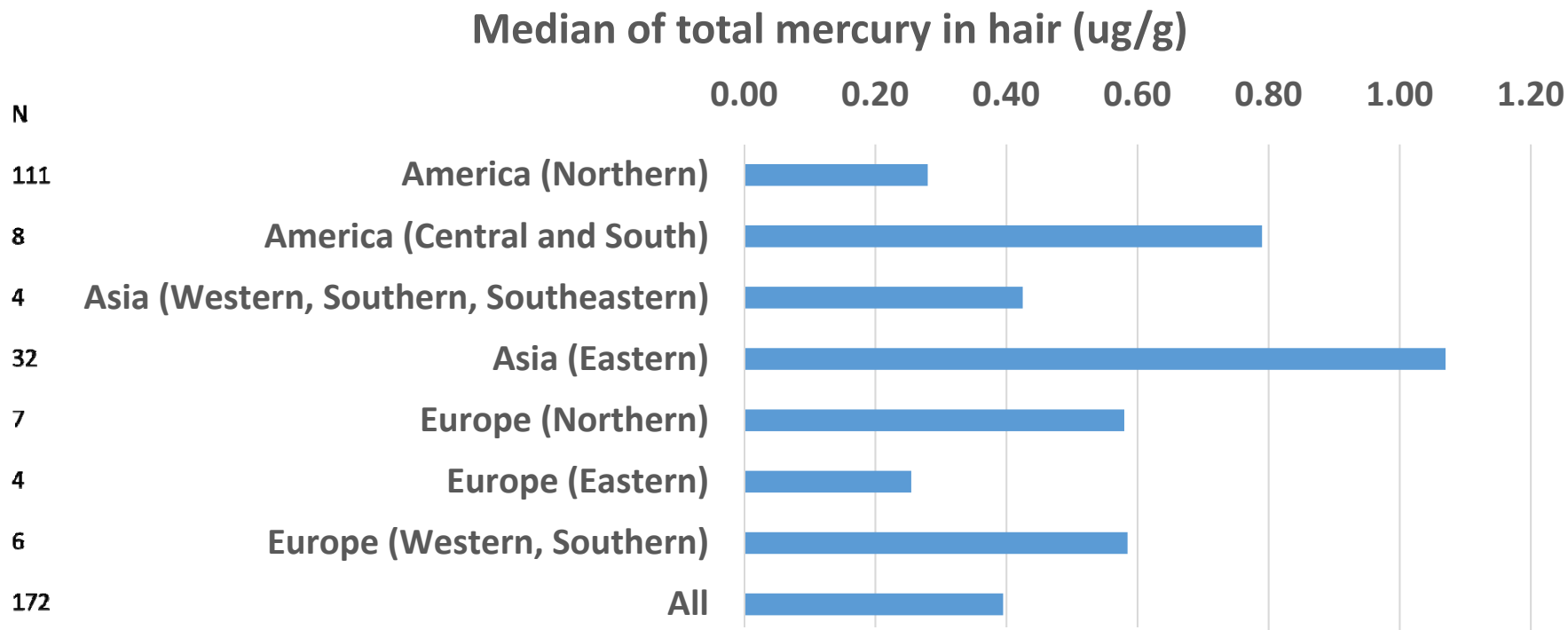
ID	Γ -Hg [ppm]
1601	1.31
1602	2.28
1603	0.03
1604	0.02
1605	0.36
1606	0.05
1607	0.96
1608	0.35
1609	0.25
1610	2.05
1611	0.47
1612	3.46
1613	1.25
1614	0.71
1615	1.39
1616	0.78
1617	0.46
1618	1.81
1619	1.01
1620	0.17

ID	Γ -Hg [ppm]
1701	0.58
1702	1.32
1703	0.32
1704	0.77
1705	0.28
1706	0.47
1707	0.64
1708	1.43
1709	0.81
1710	1.23
1711	0.12
1712	0.04
1713	0.46
1714	2.96
1715	0.67
1716	3.31
1717	0.02
1718	0.63
1719	1.16
1720	1.20
1721	0.82
1723	1.46
1724	0.26
1725	0.12
1726	1.34
1727	0.39
1728	0.22
1729	0.06
1730	0.01
1731	0.39
1732	1.74
1733	1.86
1734	0.20
1735	0.30
1736	0.49
1737	0.13
1738	0.03
1739	0.80
1740	0.35
1741	1.08
1742	2.50
1743	0.17
1744	0.33
1745	0.45
1746	2.28
1747	0.97
1748	1.11
1749	1.86
1750	0.70
1751	1.17

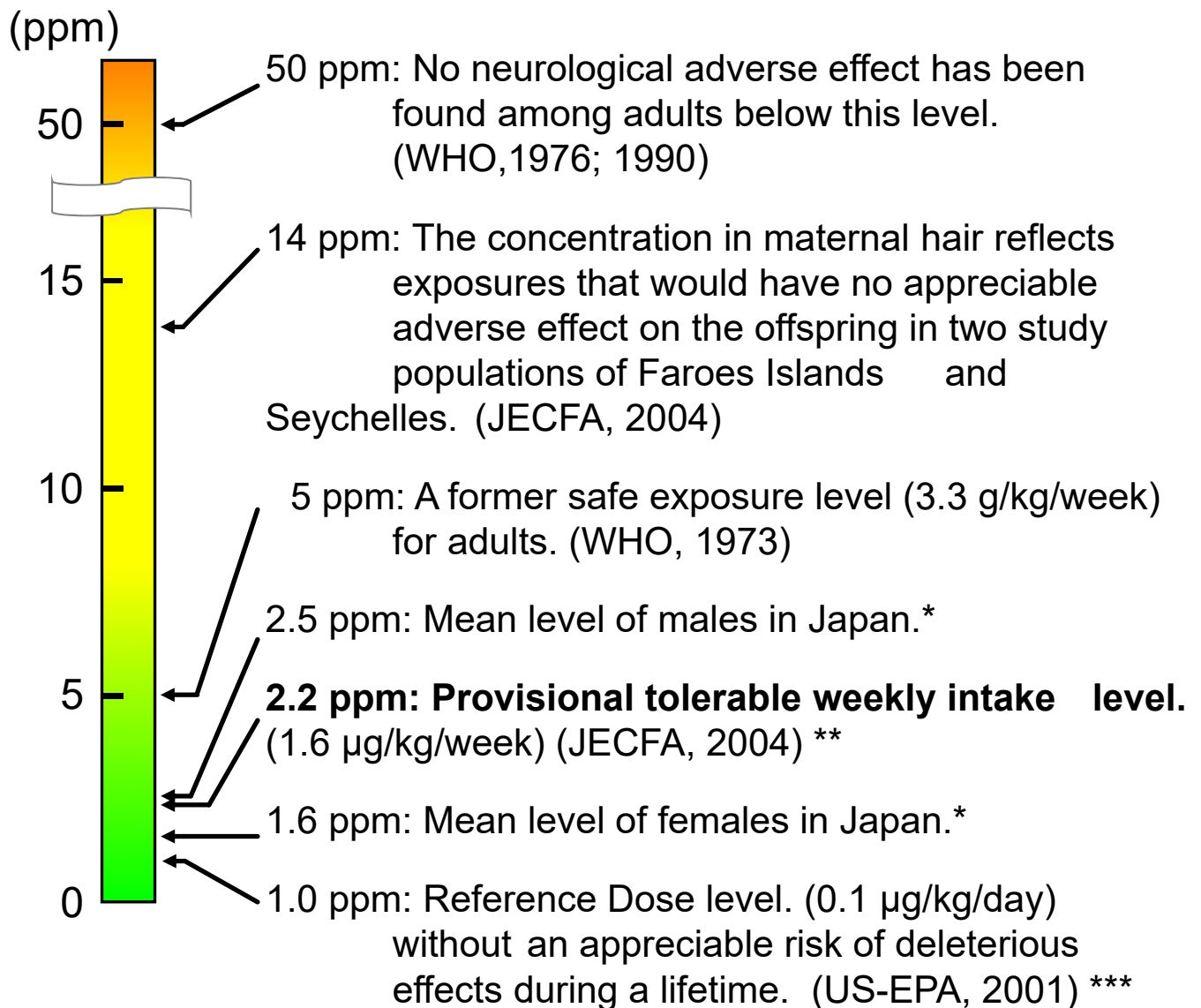
ID	Γ -Hg [ppm]
1801	0.33
1802	0.08
1803	0.60
1804	0.70
1805	0.03
1806	2.12
1807	0.12
1808	2.29
1809	0.03
1810	1.12
1811	0.57
1812	0.26
1813	0.50
1814	0.21
1815	1.02
1816	0.27
1817	0.09
1818	0.25
1819	1.29
1820	0.71
1821	0.14
1822	0.06
1823	0.11
1824	0.15
1825	1.40
1826	1.82
1827	0.29
1828	0.41
1829	0.28
1830	0.28
1831	0.01
1832	0.21
1833	1.32
1834	0.04
1835	1.32
1836	0.88
1837	0.12
1838	0.97
1839	1.10
1840	0.36
1841	0.42
1842	0.18
1843	0.19
1844	0.06
1845	0.15
1846	0.21
1847	0.02
1848	0.21
1849	0.82
1850	0.21

ID	Γ -Hg [ppm]
1901	0.31
1902	0.40
1903	0.01
1904	0.40
1905	0.75
1906	0.18
1907	0.32
1908	0.03
1909	0.60
1910	0.06
1911	0.21
1912	0.35
1913	0.05
1914	0.19
1915	0.26
1916	0.25
1917	0.94
1918	1.21
1919	0.57
1920	0.12
1921	0.07
1922	0.08
1923	0.14
1924	0.55
1925	0.19
1926	0.14
1927	1.31
1928	0.12
1929	0.10
1930	0.82
1931	2.00
1932	4.38
1933	0.13
1934	0.63
1935	0.19
1936	0.44
1937	0.64
1938	0.28
1939	0.33
1940	1.56
1941	0.15
1942	0.26
1943	0.90
1944	0.38
1945	0.03
1946	0.28
1947	0.90
1948	0.89
1949	1.25
1950	1.84
1951	0.62

Mercury concentrations in hair of ICMGP2017 participants



References for Hair Mercury Level and Safety Intakes



* Multi-site survey in Japan (NIMD, 2000-2004)

** The provisional tolerable weekly intake (PTWI) is 1.6 $\mu\text{g}/\text{kg}$ body weight/week, and was derived from the non-observable-adverse-effect (NOAEL)/benchmark dose level of 14 ppm in maternal hair on the fetus development and uncertainty factor 6.4 (JECFA, 2004).

*** The Reference Dose (RfD) is 0.1 $\mu\text{g}/\text{kg}$ body weight/day, and was derived from benchmark dose (BMDL_{05}) level of 46-79 ppb in maternal blood and uncertainty factor 10 (NRC, 2000, US-EPA, 2001)