

**Supplement Table 1. Smoothed percentiles of Urinary Iodine ( $\mu\text{g/L}$ ) by age in U.S. population, NHANES 2001-2010**

Age (years)	Selected Percentiles																		
	5th	10th	15th	20th	25th	30th	35th	40th	45th	50th	55th	60th	65th	70th	75th	80th	85th	90th	95th
<b>6-11</b>	50.6	72.4	93.6	113.0	128.7	146.8	168.5	188.8	209.7	230.7	254.4	283.0	313.2	346.3	385.8	433.5	503.0	596.2	759.7
<b>12-19</b>	37.7	54.8	69.3	84.7	97.5	111.6	128.6	144.9	161.1	177.9	195.7	217.3	240.7	266.9	299.0	343.9	411.0	499.8	676.9
<b>20-24</b>	31.4	46.9	59.2	72.4	84.6	97.1	110.4	123.6	137.0	151.7	164.0	181.2	200.1	221.9	248.5	285.0	340.3	429.0	581.7
<b>25-29</b>	30.5	45.1	59.8	72.7	84.3	96.2	108.6	121.0	134.1	147.3	159.4	175.5	193.7	216.3	243.1	277.2	324.8	404.0	555.6
<b>30-34</b>	30.6	44.3	59.5	71.3	82.6	94.2	105.6	117.0	129.6	142.8	156.3	173.1	192.5	216.3	243.1	276.2	320.5	391.9	548.6
<b>35-39</b>	29.6	41.8	55.9	66.9	78.6	90.2	101.4	112.4	124.6	138.2	153.5	171.5	191.2	214.1	240.9	275.2	318.7	389.1	543.6
<b>40-44</b>	29.0	40.2	52.0	63.4	75.4	87.4	99.5	111.6	124.6	138.3	153.4	171.9	192.9	217.1	246.9	284.6	328.8	395.9	534.0
<b>45-49</b>	27.2	39.8	49.5	61.6	73.2	85.3	97.4	110.0	124.1	138.8	152.4	170.2	191.7	216.9	247.3	285.0	334.4	403.5	536.3
<b>50-54</b>	27.8	42.3	53.9	67.1	78.4	90.6	102.1	114.2	128.0	143.7	159.8	178.1	198.8	222.9	251.7	285.3	334.1	412.9	563.7
<b>55-59</b>	30.6	45.8	59.0	72.2	83.5	95.3	107.9	119.9	133.4	151.1	167.9	186.8	207.9	231.3	259.3	292.0	336.4	416.3	557.4
<b>60-64</b>	35.2	48.6	62.4	75.9	86.3	97.4	111.1	124.2	138.3	157.1	171.3	190.4	212.6	238.9	268.3	302.8	354.9	442.3	591.4
<b>65-69</b>	40.1	54.1	67.9	82.2	93.6	105.8	119.8	134.7	150.8	168.2	183.8	203.9	227.4	257.4	289.7	328.1	392.8	495.7	680.0
<b>70-74</b>	44.2	60.9	74.8	88.8	101.5	114.7	129.8	146.4	163.8	179.6	197.0	216.6	238.3	266.0	301.3	345.9	413.1	510.2	717.5
<b>75-79</b>	48.8	68.4	83.7	97.2	110.6	125.7	143.7	162.0	180.2	196.9	216.9	238.6	260.7	287.3	322.5	370.1	434.7	527.0	782.4
<b>80-85</b>	52.8	73.7	91.2	105.0	121.4	141.7	161.0	178.8	197.1	215.9	236.6	262.2	290.0	318.7	350.8	388.0	438.4	546.6	970.0

**Supplement Table 2. Smoothed percentiles of Creatinine Corrected Urinary Iodine ( $\mu\text{g/g}$ ) by age in the U.S. population, NHANES 2001-2010**

Selected Percentiles																			
Age (years)	5th	10th	15th	20th	25th	30th	35th	40th	45th	50th	55th	60th	65th	70th	75th	80th	85th	90th	95th
<b>6-11</b>	39.1	51.0	62.6	80.7	109.1	152.7	219.6	325.4	512.5	218.4	91.7	140.1	204.1	290.6	404.7	546.2	702.4	844.0	1012.8
<b>12-19</b>	29.9	39.1	48.2	62.0	83.9	117.3	168.7	250.4	395.8	170.7	72.5	112.7	165.5	236.9	330.6	446.4	574.3	695.4	875.9
<b>20-24</b>	25.4	33.6	41.4	53.3	72.1	101.0	145.5	216.3	341.7	144.2	60.1	93.8	138.1	197.8	276.6	373.9	481.2	581.8	742.7
<b>25-29</b>	24.0	32.4	40.0	51.4	69.5	97.4	140.9	210.7	334.8	141.0	57.7	89.0	131.0	188.1	262.9	355.2	457.3	551.4	694.3
<b>30-34</b>	26.1	34.2	41.6	53.6	72.4	101.2	145.8	216.2	340.0	141.0	59.6	91.9	135.4	194.3	271.1	366.1	471.0	570.2	711.8
<b>35-39</b>	23.8	31.5	38.5	49.6	67.0	93.6	134.7	200.5	316.9	133.9	57.5	88.8	130.6	187.4	262.4	355.3	457.8	555.4	698.0
<b>40-44</b>	23.3	30.7	37.9	48.8	66.0	92.2	132.6	196.4	312.0	135.4	59.5	91.6	134.2	192.2	268.6	363.3	467.7	568.9	708.8
<b>45-49</b>	21.0	28.0	34.9	44.9	60.7	84.9	122.3	182.2	289.5	131.2	57.3	89.0	130.4	186.9	261.5	353.5	455.1	555.9	703.3
<b>50-54</b>	23.5	31.6	38.9	50.1	67.7	94.6	136.3	203.6	322.9	139.5	60.4	93.9	138.9	199.3	278.3	376.1	483.9	588.4	745.7
<b>55-59</b>	25.7	33.9	41.4	53.3	72.0	100.4	144.4	214.7	339.3	145.8	62.7	95.9	140.1	200.2	279.8	378.5	487.6	587.9	716.4
<b>60-64</b>	27.9	35.6	43.4	55.9	75.5	105.3	150.8	222.7	350.3	150.1	63.2	97.8	143.6	206.2	289.3	392.3	506.1	613.4	779.5
<b>65-69</b>	31.1	39.4	48.1	61.8	83.7	116.9	167.6	246.4	386.4	167.5	72.1	112.5	166.2	239.3	335.4	454.8	586.3	717.3	939.1
<b>70-74</b>	34.7	43.3	52.7	67.8	91.6	128.0	183.3	269.5	418.6	176.1	72.6	113.2	167.3	242.3	342.0	466.6	604.0	738.5	1007.9
<b>75-79</b>	37.7	46.6	56.7	72.9	98.4	137.3	196.5	288.7	447.8	191.4	79.4	121.8	179.3	259.4	366.8	500.8	648.6	787.0	1043.4
<b>80-85</b>	42.1	53.0	64.3	82.7	111.7	156.3	224.4	330.6	512.0	212.4	87.4	134.8	200.4	291.5	413.9	566.0	733.5	896.3	1236.3