

The table below gives the 2023 ATAR corresponding to the range of 2023 scaled aggregates.

ATAR	Raı	nge	ATAR	Raı	nge	ATAR	Rar	nge
99.95	211.19	230.00	98.30	185.95	186.22	96.65	176.32	176.59
99.90	208.18	211.18	98.25	185.54	185.94	96.60	176.13	176.31
99.85	206.14	208.17	98.20	185.24	185.53	96.55	175.87	176.12
99.80	204.45	206.13	98.15	184.99	185.23	96.50	175.70	175.86
99.75	203.34	204.44	98.10	184.69	184.98	96.45	175.46	175.69
99.70	202.24	203.33	98.05	184.42	184.68	96.40	175.20	175.45
99.65	201.17	202.23	98.00	183.94	184.41	96.35	174.98	175.19
99.60	200.10	201.16	97.95	183.62	183.93	96.30	174.76	174.97
99.55	198.79	200.09	97.90	183.32	183.61	96.25	174.54	174.75
99.50	198.18	198.78	97.85	182.98	183.31	96.20	174.37	174.53
99.45	197.12	198.17	97.80	182.64	182.97	96.15	174.19	174.36
99.40	196.44	197.11	97.75	182.35	182.63	96.10	174.01	174.18
99.35	195.86	196.43	97.70	182.00	182.34	96.05	173.82	174.00
99.30	195.11	195.85	97.65	181.73	181.99	96.00	173.64	173.81
99.25	194.26	195.10	97.60	181.35	181.72	95.95	173.49	173.63
99.20	193.58	194.25	97.55	181.07	181.34	95.90	173.31	173.48
99.15	193.10	193.57	97.50	180.79	181.06	95.85	173.04	173.30
99.10	192.63	193.09	97.45	180.52	180.78	95.80	172.78	173.03
99.05	192.07	192.62	97.40	180.22	180.51	95.75	172.59	172.77
99.00	191.70	192.06	97.35	180.01	180.21	95.70	172.43	172.58
98.95	191.13	191.69	97.30	179.73	180.00	95.65	172.26	172.42
98.90	190.61	191.12	97.25	179.44	179.72	95.60	172.08	172.25
98.85	190.17	190.60	97.20	179.13	179.43	95.55	171.87	172.07
98.80	189.73	190.16	97.15	178.83	179.12	95.50	171.61	171.86
98.75	189.28	189.72	97.10	178.55	178.82	95.45	171.37	171.60
98.70	188.84	189.27	97.05	178.31	178.54	95.40	171.16	171.36
98.65	188.54	188.83	97.00	178.01	178.30	95.35	170.96	171.15
98.60	188.20	188.53	96.95	177.74	178.00	95.30	170.82	170.95
98.55	187.84	188.19	96.90	177.48	177.73	95.25	170.62	170.81
98.50	187.46	187.83	96.85	177.23	177.47	95.20	170.41	170.61
98.45	187.04	187.45	96.80	177.07	177.22	95.15	170.22	170.40
98.40	186.61	187.03	96.75	176.85	177.06	95.10	170.01	170.21
98.35	186.23	186.60	96.70	176.60	176.84	95.05	169.83	170.00



ATAR	Rar	nge	ATAR	Rar	nge	ATAR	Rar	nge
95.00	169.64	169.82	93.30	164.00	164.12	91.60	159.27	159.41
94.95	169.47	169.63	93.25	163.87	163.99	91.55	159.11	159.26
94.90	169.28	169.46	93.20	163.71	163.86	91.50	158.99	159.10
94.85	169.14	169.27	93.15	163.56	163.70	91.45	158.82	158.98
94.80	168.94	169.13	93.10	163.43	163.55	91.40	158.70	158.81
94.75	168.76	168.93	93.05	163.28	163.42	91.35	158.58	158.69
94.70	168.59	168.75	93.00	163.14	163.27	91.30	158.44	158.57
94.65	168.44	168.58	92.95	163.02	163.13	91.25	158.33	158.43
94.60	168.27	168.43	92.90	162.89	163.01	91.20	158.20	158.32
94.55	168.10	168.26	92.85	162.76	162.88	91.15	158.07	158.19
94.50	167.94	168.09	92.80	162.56	162.75	91.10	157.92	158.06
94.45	167.73	167.93	92.75	162.44	162.55	91.05	157.81	157.91
94.40	167.56	167.72	92.70	162.26	162.43	91.00	157.65	157.80
94.35	167.40	167.55	92.65	162.13	162.25	90.95	157.48	157.64
94.30	167.19	167.39	92.60	162.01	162.12	90.90	157.34	157.47
94.25	166.99	167.18	92.55	161.88	162.00	90.85	157.22	157.33
94.20	166.84	166.98	92.50	161.76	161.87	90.80	157.08	157.21
94.15	166.72	166.83	92.45	161.63	161.75	90.75	156.98	157.07
94.10	166.53	166.71	92.40	161.47	161.62	90.70	156.85	156.97
94.05	166.39	166.52	92.35	161.33	161.46	90.65	156.71	156.84
94.00	166.22	166.38	92.30	161.19	161.32	90.60	156.58	156.70
93.95	166.05	166.21	92.25	161.09	161.18	90.55	156.45	156.57
93.90	165.90	166.04	92.20	160.90	161.08	90.50	156.32	156.44
93.85	165.74	165.89	92.15	160.77	160.89	90.45	156.19	156.31
93.80	165.58	165.73	92.10	160.64	160.76	90.40	156.07	156.18
93.75	165.45	165.57	92.05	160.48	160.63	90.35	155.96	156.06
93.70	165.30	165.44	92.00	160.36	160.47	90.30	155.84	155.95
93.65	165.15	165.29	91.95	160.24	160.35	90.25	155.69	155.83
93.60	164.99	165.14	91.90	160.12	160.23	90.20	155.59	155.68
93.55	164.83	164.98	91.85	159.98	160.11	90.15	155.46	155.58
93.50	164.65	164.82	91.80	159.81	159.97	90.10	155.35	155.45
93.45	164.46	164.64	91.75	159.68	159.80	90.05	155.20	155.34
93.40	164.29	164.45	91.70	159.56	159.67	90.00	155.08	155.19
93.35	164.13	164.28	91.65	159.42	159.55	89.95	154.94	155.07



ATAR	Rar	nge	ATAR	Rar	nge	ATAR	Rar	nge
89.90	154.83	154.93	88.20	151.09	151.20	86.50	147.40	147.50
89.85	154.72	154.82	88.15	150.99	151.08	86.45	147.29	147.39
89.80	154.61	154.71	88.10	150.92	150.98	86.40	147.19	147.28
89.75	154.52	154.60	88.05	150.80	150.91	86.35	147.09	147.18
89.70	154.40	154.51	88.00	150.66	150.79	86.30	146.99	147.08
89.65	154.24	154.39	87.95	150.57	150.65	86.25	146.89	146.98
89.60	154.13	154.23	87.90	150.46	150.56	86.20	146.77	146.88
89.55	154.04	154.12	87.85	150.34	150.45	86.15	146.67	146.76
89.50	153.92	154.03	87.80	150.23	150.33	86.10	146.58	146.66
89.45	153.84	153.91	87.75	150.11	150.22	86.05	146.45	146.57
89.40	153.74	153.83	87.70	150.01	150.10	86.00	146.35	146.44
89.35	153.61	153.73	87.65	149.88	150.00	85.95	146.27	146.34
89.30	153.49	153.60	87.60	149.79	149.87	85.90	146.16	146.26
89.25	153.38	153.48	87.55	149.69	149.78	85.85	146.08	146.15
89.20	153.30	153.37	87.50	149.57	149.68	85.80	146.01	146.07
89.15	153.19	153.29	87.45	149.43	149.56	85.75	145.93	146.00
89.10	153.07	153.18	87.40	149.33	149.42	85.70	145.84	145.92
89.05	152.96	153.06	87.35	149.19	149.32	85.65	145.75	145.83
89.00	152.86	152.95	87.30	149.10	149.18	85.60	145.64	145.74
88.95	152.72	152.85	87.25	148.99	149.09	85.55	145.51	145.63
88.90	152.62	152.71	87.20	148.90	148.98	85.50	145.43	145.50
88.85	152.51	152.61	87.15	148.77	148.89	85.45	145.33	145.42
88.80	152.39	152.50	87.10	148.66	148.76	85.40	145.24	145.32
88.75	152.29	152.38	87.05	148.56	148.65	85.35	145.15	145.23
88.70	152.18	152.28	87.00	148.45	148.55	85.30	145.04	145.14
88.65	152.05	152.17	86.95	148.31	148.44	85.25	144.95	145.03
88.60	151.96	152.04	86.90	148.21	148.30	85.20	144.86	144.94
88.55	151.85	151.95	86.85	148.08	148.20	85.15	144.77	144.85
88.50	151.77	151.84	86.80	147.99	148.07	85.10	144.67	144.76
88.45	151.65	151.76	86.75	147.89	147.98	85.05	144.57	144.66
88.40	151.54	151.64	86.70	147.79	147.88	85.00	144.48	144.56
88.35	151.43	151.53	86.65	147.67	147.78	84.95	144.37	144.47
88.30	151.30	151.42	86.60	147.60	147.66	84.90	144.27	144.36
88.25	151.21	151.29	86.55	147.51	147.59	84.85	144.19	144.26



ATAR	Rar	nge	ATAR	Rar	nge	ATAR	Rar	nge
84.80	144.07	144.18	83.10	141.04	141.10	81.40	137.99	138.07
84.75	143.95	144.06	83.05	140.95	141.03	81.35	137.91	137.98
84.70	143.86	143.94	83.00	140.86	140.94	81.30	137.83	137.90
84.65	143.76	143.85	82.95	140.77	140.85	81.25	137.76	137.82
84.60	143.64	143.75	82.90	140.69	140.76	81.20	137.69	137.75
84.55	143.53	143.63	82.85	140.61	140.68	81.15	137.62	137.68
84.50	143.43	143.52	82.80	140.54	140.60	81.10	137.54	137.61
84.45	143.37	143.42	82.75	140.46	140.53	81.05	137.44	137.53
84.40	143.28	143.36	82.70	140.37	140.45	81.00	137.36	137.43
84.35	143.20	143.27	82.65	140.26	140.36	80.95	137.27	137.35
84.30	143.13	143.19	82.60	140.17	140.25	80.90	137.19	137.26
84.25	143.04	143.12	82.55	140.07	140.16	80.85	137.11	137.18
84.20	142.97	143.03	82.50	140.00	140.06	80.80	137.04	137.10
84.15	142.84	142.96	82.45	139.89	139.99	80.75	136.96	137.03
84.10	142.75	142.83	82.40	139.77	139.88	80.70	136.88	136.95
84.05	142.66	142.74	82.35	139.70	139.76	80.65	136.80	136.87
84.00	142.58	142.65	82.30	139.63	139.69	80.60	136.69	136.79
83.95	142.50	142.57	82.25	139.53	139.62	80.55	136.59	136.68
83.90	142.41	142.49	82.20	139.45	139.52	80.50	136.50	136.58
83.85	142.31	142.40	82.15	139.36	139.44	80.45	136.41	136.49
83.80	142.23	142.30	82.10	139.27	139.35	80.40	136.34	136.40
83.75	142.13	142.22	82.05	139.16	139.26	80.35	136.25	136.33
83.70	142.06	142.12	82.00	139.06	139.15	80.30	136.16	136.24
83.65	141.96	142.05	81.95	138.96	139.05	80.25	136.08	136.15
83.60	141.87	141.95	81.90	138.86	138.95	80.20	136.02	136.07
83.55	141.77	141.86	81.85	138.78	138.85	80.15	135.94	136.01
83.50	141.70	141.76	81.80	138.70	138.77	80.10	135.87	135.93
83.45	141.61	141.69	81.75	138.63	138.69	80.05	135.77	135.86
83.40	141.52	141.60	81.70	138.52	138.62	80.00	135.67	135.76
83.35	141.44	141.51	81.65	138.45	138.51	79.95	135.61	135.66
83.30	141.35	141.43	81.60	138.34	138.44	79.90	135.53	135.60
83.25	141.26	141.34	81.55	138.26	138.33	79.85	135.47	135.52
83.20	141.18	141.25	81.50	138.16	138.25	79.80	135.39	135.46
83.15	141.11	141.17	81.45	138.08	138.15	79.75	135.31	135.38



ATAR	Rar	nge	ATAR	Rar	nge	ATAR	Rar	nge
79.70	135.23	135.30	78.00	132.43	132.50	76.30	129.80	129.87
79.65	135.15	135.22	77.95	132.33	132.42	76.25	129.71	129.79
79.60	135.07	135.14	77.90	132.26	132.32	76.20	129.64	129.70
79.55	134.96	135.06	77.85	132.18	132.25	76.15	129.57	129.63
79.50	134.89	134.95	77.80	132.09	132.17	76.10	129.49	129.56
79.45	134.82	134.88	77.75	132.01	132.08	76.05	129.43	129.48
79.40	134.75	134.81	77.70	131.93	132.00	76.00	129.33	129.42
79.35	134.65	134.74	77.65	131.85	131.92	75.95	129.26	129.32
79.30	134.55	134.64	77.60	131.77	131.84	75.90	129.18	129.25
79.25	134.48	134.54	77.55	131.70	131.76	75.85	129.12	129.17
79.20	134.42	134.47	77.50	131.62	131.69	75.80	129.04	129.11
79.15	134.34	134.41	77.45	131.55	131.61	75.75	128.94	129.03
79.10	134.28	134.33	77.40	131.49	131.54	75.70	128.89	128.93
79.05	134.18	134.27	77.35	131.42	131.48	75.65	128.81	128.88
79.00	134.08	134.17	77.30	131.34	131.41	75.60	128.74	128.80
78.95	134.00	134.07	77.25	131.27	131.33	75.55	128.65	128.73
78.90	133.93	133.99	77.20	131.19	131.26	75.50	128.58	128.64
78.85	133.85	133.92	77.15	131.11	131.18	75.45	128.52	128.57
78.80	133.77	133.84	77.10	131.02	131.10	75.40	128.45	128.51
78.75	133.68	133.76	77.05	130.93	131.01	75.35	128.39	128.44
78.70	133.59	133.67	77.00	130.86	130.92	75.30	128.31	128.38
78.65	133.50	133.58	76.95	130.79	130.85	75.25	128.22	128.30
78.60	133.44	133.49	76.90	130.73	130.78	75.20	128.15	128.21
78.55	133.36	133.43	76.85	130.65	130.72	75.15	128.08	128.14
78.50	133.29	133.35	76.80	130.57	130.64	75.10	127.99	128.07
78.45	133.18	133.28	76.75	130.49	130.56	75.05	127.92	127.98
78.40	133.10	133.17	76.70	130.41	130.48	75.00	127.85	127.91
78.35	133.02	133.09	76.65	130.33	130.40	74.95	127.78	127.84
78.30	132.93	133.01	76.60	130.25	130.32	74.90	127.73	127.77
78.25	132.86	132.92	76.55	130.17	130.24	74.85	127.66	127.72
78.20	132.78	132.85	76.50	130.09	130.16	74.80	127.60	127.65
78.15	132.70	132.77	76.45	130.03	130.08	74.75	127.51	127.59
78.10	132.61	132.69	76.40	129.96	130.02	74.70	127.44	127.50
78.05	132.51	132.60	76.35	129.88	129.95	74.65	127.35	127.43



ATAR	Rar	nge	ATAR	Raı	nge	ATAR	Rar	nge
74.60	127.28	127.34	72.90	124.81	124.86	71.20	122.37	122.44
74.55	127.24	127.27	72.85	124.73	124.80	71.15	122.30	122.36
74.50	127.17	127.23	72.80	124.67	124.72	71.10	122.23	122.29
74.45	127.11	127.16	72.75	124.60	124.66	71.05	122.16	122.22
74.40	127.04	127.10	72.70	124.52	124.59	71.00	122.08	122.15
74.35	126.96	127.03	72.65	124.46	124.51	70.95	122.01	122.07
74.30	126.89	126.95	72.60	124.37	124.45	70.90	121.94	122.00
74.25	126.81	126.88	72.55	124.28	124.36	70.85	121.86	121.93
74.20	126.72	126.80	72.50	124.22	124.27	70.80	121.79	121.85
74.15	126.66	126.71	72.45	124.13	124.21	70.75	121.74	121.78
74.10	126.59	126.65	72.40	124.07	124.12	70.70	121.68	121.73
74.05	126.49	126.58	72.35	124.01	124.06	70.65	121.62	121.67
74.00	126.41	126.48	72.30	123.92	124.00	70.60	121.57	121.61
73.95	126.33	126.40	72.25	123.85	123.91	70.55	121.49	121.56
73.90	126.28	126.32	72.20	123.78	123.84	70.50	121.44	121.48
73.85	126.21	126.27	72.15	123.69	123.77	70.45	121.37	121.43
73.80	126.14	126.20	72.10	123.63	123.68	70.40	121.29	121.36
73.75	126.07	126.13	72.05	123.57	123.62	70.35	121.22	121.28
73.70	125.98	126.06	72.00	123.51	123.56	70.30	121.15	121.21
73.65	125.87	125.97	71.95	123.45	123.50	70.25	121.07	121.14
73.60	125.79	125.86	71.90	123.37	123.44	70.20	121.00	121.06
73.55	125.71	125.78	71.85	123.31	123.36	70.15	120.93	120.99
73.50	125.65	125.70	71.80	123.23	123.30	70.10	120.86	120.92
73.45	125.55	125.64	71.75	123.17	123.22	70.05	120.80	120.85
73.40	125.50	125.54	71.70	123.11	123.16	70.00	120.73	120.79
73.35	125.43	125.49	71.65	123.05	123.10	69.95	120.65	120.72
73.30	125.38	125.42	71.60	122.97	123.04	69.90	120.60	120.64
73.25	125.31	125.37	71.55	122.89	122.96	69.85	120.54	120.59
73.20	125.24	125.30	71.50	122.82	122.88	69.80	120.46	120.53
73.15	125.16	125.23	71.45	122.75	122.81	69.75	120.40	120.45
73.10	125.10	125.15	71.40	122.67	122.74	69.70	120.32	120.39
73.05	125.02	125.09	71.35	122.60	122.66	69.65	120.25	120.31
73.00	124.94	125.01	71.30	122.52	122.59	69.60	120.19	120.24
72.95	124.87	124.93	71.25	122.45	122.51	69.55	120.12	120.18



ATAR	Rar	nge	ATAR	Rar	nge	ATAR	Rar	nge
69.50	120.05	120.11	67.80	117.61	117.69	66.10	115.24	115.29
69.45	119.98	120.04	67.75	117.54	117.60	66.05	115.15	115.23
69.40	119.90	119.97	67.70	117.47	117.53	66.00	115.08	115.14
69.35	119.82	119.89	67.65	117.40	117.46	65.95	115.01	115.07
69.30	119.74	119.81	67.60	117.33	117.39	65.90	114.97	115.00
69.25	119.66	119.73	67.55	117.26	117.32	65.85	114.89	114.96
69.20	119.59	119.65	67.50	117.18	117.25	65.80	114.82	114.88
69.15	119.52	119.58	67.45	117.13	117.17	65.75	114.78	114.81
69.10	119.46	119.51	67.40	117.07	117.12	65.70	114.72	114.77
69.05	119.40	119.45	67.35	116.99	117.06	65.65	114.65	114.71
69.00	119.33	119.39	67.30	116.92	116.98	65.60	114.59	114.64
68.95	119.26	119.32	67.25	116.86	116.91	65.55	114.52	114.58
68.90	119.19	119.25	67.20	116.78	116.85	65.50	114.43	114.51
68.85	119.11	119.18	67.15	116.72	116.77	65.45	114.35	114.42
68.80	119.03	119.10	67.10	116.63	116.71	65.40	114.29	114.34
68.75	118.95	119.02	67.05	116.57	116.62	65.35	114.20	114.28
68.70	118.88	118.94	67.00	116.48	116.56	65.30	114.12	114.19
68.65	118.82	118.87	66.95	116.41	116.47	65.25	114.06	114.11
68.60	118.76	118.81	66.90	116.33	116.40	65.20	113.98	114.05
68.55	118.70	118.75	66.85	116.25	116.32	65.15	113.91	113.97
68.50	118.63	118.69	66.80	116.19	116.24	65.10	113.85	113.90
68.45	118.54	118.62	66.75	116.13	116.18	65.05	113.78	113.84
68.40	118.45	118.53	66.70	116.07	116.12	65.00	113.73	113.77
68.35	118.39	118.44	66.65	116.00	116.06	64.95	113.66	113.72
68.30	118.31	118.38	66.60	115.94	115.99	64.90	113.59	113.65
68.25	118.24	118.30	66.55	115.87	115.93	64.85	113.52	113.58
68.20	118.19	118.23	66.50	115.79	115.86	64.80	113.45	113.51
68.15	118.11	118.18	66.45	115.72	115.78	64.75	113.38	113.44
68.10	118.05	118.10	66.40	115.67	115.71	64.70	113.33	113.37
68.05	118.00	118.04	66.35	115.61	115.66	64.65	113.25	113.32
68.00	117.91	117.99	66.30	115.53	115.60	64.60	113.18	113.24
67.95	117.85	117.90	66.25	115.45	115.52	64.55	113.11	113.17
67.90	117.79	117.84	66.20	115.38	115.44	64.50	113.06	113.10
67.85	117.70	117.78	66.15	115.30	115.37	64.45	112.99	113.05



ATAR	Rar	nge	ATAR	Rar	nge	ATAR	Rar	nge
64.40	112.91	112.98	62.70	110.67	110.72	61.00	108.38	108.42
64.35	112.84	112.90	62.65	110.62	110.66	60.95	108.32	108.37
64.30	112.76	112.83	62.60	110.56	110.61	60.90	108.26	108.31
64.25	112.70	112.75	62.55	110.48	110.55	60.85	108.21	108.25
64.20	112.63	112.69	62.50	110.39	110.47	60.80	108.14	108.20
64.15	112.56	112.62	62.45	110.33	110.38	60.75	108.09	108.13
64.10	112.48	112.55	62.40	110.27	110.32	60.70	108.01	108.08
64.05	112.42	112.47	62.35	110.22	110.26	60.65	107.93	108.00
64.00	112.36	112.41	62.30	110.15	110.21	60.60	107.87	107.92
63.95	112.31	112.35	62.25	110.07	110.14	60.55	107.80	107.86
63.90	112.25	112.30	62.20	110.01	110.06	60.50	107.70	107.79
63.85	112.19	112.24	62.15	109.96	110.00	60.45	107.62	107.69
63.80	112.12	112.18	62.10	109.89	109.95	60.40	107.54	107.61
63.75	112.08	112.11	62.05	109.80	109.88	60.35	107.47	107.53
63.70	112.00	112.07	62.00	109.73	109.79	60.30	107.40	107.46
63.65	111.95	111.99	61.95	109.66	109.72	60.25	107.35	107.39
63.60	111.88	111.94	61.90	109.60	109.65	60.20	107.29	107.34
63.55	111.82	111.87	61.85	109.52	109.59	60.15	107.24	107.28
63.50	111.74	111.81	61.80	109.46	109.51	60.10	107.18	107.23
63.45	111.68	111.73	61.75	109.37	109.45	60.05	107.10	107.17
63.40	111.62	111.67	61.70	109.30	109.36	60.00	107.02	107.09
63.35	111.55	111.61	61.65	109.24	109.29	59.95	106.94	107.01
63.30	111.50	111.54	61.60	109.17	109.23	59.90	106.89	106.93
63.25	111.43	111.49	61.55	109.11	109.16	59.85	106.82	106.88
63.20	111.35	111.42	61.50	109.05	109.10	59.80	106.74	106.81
63.15	111.28	111.34	61.45	108.98	109.04	59.75	106.67	106.73
63.10	111.21	111.27	61.40	108.93	108.97	59.70	106.62	106.66
63.05	111.13	111.20	61.35	108.87	108.92	59.65	106.56	106.61
63.00	111.08	111.12	61.30	108.80	108.86	59.60	106.50	106.55
62.95	110.98	111.07	61.25	108.73	108.79	59.55	106.44	106.49
62.90	110.91	110.97	61.20	108.66	108.72	59.50	106.36	106.43
62.85	110.85	110.90	61.15	108.60	108.65	59.45	106.27	106.35
62.80	110.78	110.84	61.10	108.52	108.59	59.40	106.20	106.26
62.75	110.73	110.77	61.05	108.43	108.51	59.35	106.16	106.19



ATAR	Rar	nge	ATAR	Rar	nge	ATAR	Raı	nge
59.30	106.08	106.15	57.60	103.92	103.98	55.90	101.67	101.73
59.25	106.01	106.07	57.55	103.86	103.91	55.85	101.60	101.66
59.20	105.95	106.00	57.50	103.80	103.85	55.80	101.53	101.59
59.15	105.90	105.94	57.45	103.73	103.79	55.75	101.47	101.52
59.10	105.81	105.89	57.40	103.67	103.72	55.70	101.41	101.46
59.05	105.76	105.80	57.35	103.61	103.66	55.65	101.33	101.40
59.00	105.70	105.75	57.30	103.53	103.60	55.60	101.25	101.32
58.95	105.62	105.69	57.25	103.47	103.52	55.55	101.19	101.24
58.90	105.53	105.61	57.20	103.38	103.46	55.50	101.14	101.18
58.85	105.48	105.52	57.15	103.34	103.37	55.45	101.07	101.13
58.80	105.40	105.47	57.10	103.27	103.33	55.40	101.00	101.06
58.75	105.34	105.39	57.05	103.21	103.26	55.35	100.95	100.99
58.70	105.28	105.33	57.00	103.15	103.20	55.30	100.87	100.94
58.65	105.21	105.27	56.95	103.10	103.14	55.25	100.81	100.86
58.60	105.16	105.20	56.90	103.03	103.09	55.20	100.76	100.80
58.55	105.11	105.15	56.85	102.95	103.02	55.15	100.69	100.75
58.50	105.06	105.10	56.80	102.90	102.94	55.10	100.63	100.68
58.45	105.00	105.05	56.75	102.84	102.89	55.05	100.56	100.62
58.40	104.92	104.99	56.70	102.78	102.83	55.00	100.52	100.55
58.35	104.87	104.91	56.65	102.71	102.77	54.95	100.43	100.51
58.30	104.80	104.86	56.60	102.62	102.70	54.90	100.37	100.42
58.25	104.73	104.79	56.55	102.53	102.61	54.85	100.30	100.36
58.20	104.66	104.72	56.50	102.47	102.52	54.80	100.24	100.29
58.15	104.60	104.65	56.45	102.41	102.46	54.75	100.16	100.23
58.10	104.54	104.59	56.40	102.32	102.40	54.70	100.10	100.15
58.05	104.47	104.53	56.35	102.28	102.31	54.65	100.03	100.09
58.00	104.41	104.46	56.30	102.20	102.27	54.60	99.97	100.02
57.95	104.34	104.40	56.25	102.13	102.19	54.55	99.90	99.96
57.90	104.28	104.33	56.20	102.05	102.12	54.50	99.84	99.89
57.85	104.24	104.27	56.15	101.99	102.04	54.45	99.76	99.83
57.80	104.18	104.23	56.10	101.93	101.98	54.40	99.72	99.75
57.75	104.11	104.17	56.05	101.85	101.92	54.35	99.64	99.71
57.70	104.04	104.10	56.00	101.77	101.84	54.30	99.59	99.63
57.65	103.99	104.03	55.95	101.74	101.76	54.25	99.53	99.58



ATAR	Ran	ge	ATAR	Ran	ge	ATAR	Ran	ge
54.20	99.48	99.52	52.50	97.09	97.16	50.80	94.94	95.00
54.15	99.42	99.47	52.45	97.00	97.08	50.75	94.88	94.93
54.10	99.35	99.41	52.40	96.93	96.99	50.70	94.83	94.87
54.05	99.25	99.34	52.35	96.86	96.92	50.65	94.73	94.82
54.00	99.17	99.24	52.30	96.80	96.85	50.60	94.65	94.72
53.95	99.11	99.16	52.25	96.74	96.79	50.55	94.58	94.64
53.90	99.04	99.10	52.20	96.68	96.73	50.50	94.53	94.57
53.85	98.94	99.03	52.15	96.61	96.67	50.45	94.45	94.52
53.80	98.88	98.93	52.10	96.55	96.60	50.40	94.39	94.44
53.75	98.82	98.87	52.05	96.49	96.54	50.35	94.33	94.38
53.70	98.77	98.81	52.00	96.43	96.48	50.30	94.25	94.32
53.65	98.70	98.76	51.95	96.37	96.42	50.25	94.18	94.24
53.60	98.62	98.69	51.90	96.31	96.36	50.20	94.10	94.17
53.55	98.54	98.61	51.85	96.26	96.30	50.15	94.05	94.09
53.50	98.47	98.53	51.80	96.21	96.25	50.10	93.97	94.04
53.45	98.39	98.46	51.75	96.15	96.20	50.05	93.90	93.96
53.40	98.31	98.38	51.70	96.10	96.14	50.00	93.83	93.89
53.35	98.25	98.30	51.65	96.04	96.09	49.95	93.75	93.82
53.30	98.18	98.24	51.60	96.00	96.03	49.90	93.67	93.74
53.25	98.11	98.17	51.55	95.93	95.99	49.85	93.59	93.66
53.20	98.03	98.10	51.50	95.86	95.92	49.80	93.54	93.58
53.15	97.95	98.02	51.45	95.80	95.85	49.75	93.47	93.53
53.10	97.90	97.94	51.40	95.75	95.79	49.70	93.40	93.46
53.05	97.83	97.89	51.35	95.66	95.74	49.65	93.34	93.39
53.00	97.76	97.82	51.30	95.60	95.65	49.60	93.26	93.33
52.95	97.71	97.75	51.25	95.54	95.59	49.55	93.20	93.25
52.90	97.66	97.70	51.20	95.47	95.53	49.50	93.15	93.19
52.85	97.59	97.65	51.15	95.42	95.46	49.45	93.08	93.14
52.80	97.52	97.58	51.10	95.36	95.41	49.40	93.01	93.07
52.75	97.46	97.51	51.05	95.29	95.35	49.35	92.94	93.00
52.70	97.39	97.45	51.00	95.24	95.28	49.30	92.86	92.93
52.65	97.32	97.38	50.95	95.17	95.23	49.25	92.80	92.85
52.60	97.23	97.31	50.90	95.11	95.16	49.20	92.75	92.79
52.55	97.17	97.22	50.85	95.01	95.10	49.15	92.70	92.74



ATAR	Ran	ge	ATAR	Rar	nge	ATAR	Rai	nge
49.10	92.63	92.69	47.40	90.29	90.34	45.70	87.99	88.06
49.05	92.57	92.62	47.35	90.23	90.28	45.65	87.92	87.98
49.00	92.50	92.56	47.30	90.16	90.22	45.60	87.86	87.91
48.95	92.44	92.49	47.25	90.10	90.15	45.55	87.77	87.85
48.90	92.37	92.43	47.20	90.00	90.09	45.50	87.72	87.76
48.85	92.29	92.36	47.15	89.93	89.99	45.45	87.64	87.71
48.80	92.24	92.28	47.10	89.85	89.92	45.40	87.57	87.63
48.75	92.15	92.23	47.05	89.78	89.84	45.35	87.54	87.56
48.70	92.11	92.14	47.00	89.73	89.77	45.30	87.47	87.53
48.65	92.04	92.10	46.95	89.65	89.72	45.25	87.39	87.46
48.60	91.98	92.03	46.90	89.59	89.64	45.20	87.26	87.38
48.55	91.91	91.97	46.85	89.53	89.58	45.15	87.18	87.25
48.50	91.86	91.90	46.80	89.46	89.52	45.10	87.10	87.17
48.45	91.80	91.85	46.75	89.38	89.45	45.05	87.06	87.09
48.40	91.72	91.79	46.70	89.30	89.37	45.00	87.00	87.05
48.35	91.64	91.71	46.65	89.24	89.29	44.95	86.94	86.99
48.30	91.56	91.63	46.60	89.18	89.23	44.90	86.87	86.93
48.25	91.50	91.55	46.55	89.09	89.17	44.85	86.80	86.86
48.20	91.42	91.49	46.50	89.00	89.08	44.80	86.76	86.79
48.15	91.36	91.41	46.45	88.96	88.99	44.75	86.71	86.75
48.10	91.30	91.35	46.40	88.90	88.95	44.70	86.65	86.70
48.05	91.21	91.29	46.35	88.85	88.89	44.65	86.56	86.64
48.00	91.14	91.20	46.30	88.81	88.84	44.60	86.51	86.55
47.95	91.08	91.13	46.25	88.73	88.80	44.55	86.42	86.50
47.90	91.01	91.07	46.20	88.67	88.72	44.50	86.33	86.41
47.85	90.95	91.00	46.15	88.60	88.66	44.45	86.27	86.32
47.80	90.88	90.94	46.10	88.55	88.59	44.40	86.21	86.26
47.75	90.79	90.87	46.05	88.45	88.54	44.35	86.15	86.20
47.70	90.69	90.78	46.00	88.40	88.44	44.30	86.05	86.14
47.65	90.64	90.68	45.95	88.33	88.39	44.25	85.96	86.04
47.60	90.57	90.63	45.90	88.26	88.32	44.20	85.88	85.95
47.55	90.47	90.56	45.85	88.20	88.25	44.15	85.83	85.87
47.50	90.40	90.46	45.80	88.14	88.19	44.10	85.77	85.82
47.45	90.35	90.39	45.75	88.07	88.13	44.05	85.72	85.76



ATAR	Ran	nge	ATAR	Rar	nge	ATAR	Rai	nge
44.00	85.61	85.71	42.30	83.08	83.18	40.60	80.75	80.81
43.95	85.51	85.60	42.25	83.03	83.07	40.55	80.68	80.74
43.90	85.43	85.50	42.20	82.97	83.02	40.50	80.61	80.67
43.85	85.38	85.42	42.15	82.89	82.96	40.45	80.52	80.60
43.80	85.30	85.37	42.10	82.80	82.88	40.40	80.45	80.51
43.75	85.24	85.29	42.05	82.73	82.79	40.35	80.37	80.44
43.70	85.15	85.23	42.00	82.67	82.72	40.30	80.31	80.36
43.65	85.07	85.14	41.95	82.60	82.66	40.25	80.24	80.30
43.60	85.00	85.06	41.90	82.53	82.59	40.20	80.15	80.23
43.55	84.91	84.99	41.85	82.47	82.52	40.15	80.10	80.14
43.50	84.83	84.90	41.80	82.39	82.46	40.10	80.02	80.09
43.45	84.75	84.82	41.75	82.35	82.38	40.05	79.93	80.01
43.40	84.70	84.74	41.70	82.30	82.34	40.00	79.85	79.92
43.35	84.61	84.69	41.65	82.24	82.29	39.95	79.79	79.84
43.30	84.53	84.60	41.60	82.13	82.23	39.90	79.70	79.78
43.25	84.45	84.52	41.55	82.07	82.12	39.85	79.62	79.69
43.20	84.36	84.44	41.50	82.01	82.06	39.80	79.57	79.61
43.15	84.28	84.35	41.45	81.96	82.00	39.75	79.50	79.56
43.10	84.21	84.27	41.40	81.89	81.95	39.70	79.45	79.49
43.05	84.15	84.20	41.35	81.82	81.88	39.65	79.37	79.44
43.00	84.08	84.14	41.30	81.76	81.81	39.60	79.29	79.36
42.95	83.98	84.07	41.25	81.66	81.75	39.55	79.21	79.28
42.90	83.89	83.97	41.20	81.57	81.65	39.50	79.16	79.20
42.85	83.81	83.88	41.15	81.49	81.56	39.45	79.09	79.15
42.80	83.76	83.80	41.10	81.41	81.48	39.40	79.05	79.08
42.75	83.73	83.75	41.05	81.36	81.40	39.35	78.99	79.04
42.70	83.67	83.72	41.00	81.30	81.35	39.30	78.89	78.98
42.65	83.62	83.66	40.95	81.21	81.29	39.25	78.83	78.88
42.60	83.54	83.61	40.90	81.14	81.20	39.20	78.75	78.82
42.55	83.50	83.53	40.85	81.09	81.13	39.15	78.66	78.74
42.50	83.41	83.49	40.80	81.00	81.08	39.10	78.56	78.65
42.45	83.37	83.40	40.75	80.95	80.99	39.05	78.48	78.55
42.40	83.27	83.36	40.70	88.08	80.94	39.00	78.38	78.47
42.35	83.19	83.26	40.65	80.82	80.87	38.95	78.33	78.37



ATAR	Range		ATAR	Range		ATAR	Range	
38.90	78.28	78.32	37.20	75.81	75.86	35.50	73.31	73.38
38.85	78.21	78.27	37.15	75.73	75.80	35.45	73.23	73.30
38.80	78.13	78.20	37.10	75.68	75.72	35.40	73.17	73.22
38.75	78.06	78.12	37.05	75.56	75.67	35.35	73.05	73.16
38.70	77.99	78.05	37.00	75.49	75.55	35.30	72.95	73.04
38.65	77.92	77.98	36.95	75.42	75.48	35.25	72.89	72.94
38.60	77.85	77.91	36.90	75.35	75.41	35.20	72.81	72.88
38.55	77.79	77.84	36.85	75.27	75.34	35.15	72.74	72.80
38.50	77.73	77.78	36.80	75.21	75.26	35.10	72.64	72.73
38.45	77.66	77.72	36.75	75.13	75.20	35.05	72.58	72.63
38.40	77.59	77.65	36.70	75.03	75.12	35.00	72.52	72.57
38.35	77.50	77.58	36.65	74.96	75.02	34.95	72.46	72.51
38.30	77.41	77.49	36.60	74.90	74.95	34.90	72.38	72.45
38.25	77.33	77.40	36.55	74.80	74.89	34.85	72.32	72.37
38.20	77.25	77.32	36.50	74.72	74.79	34.80	72.23	72.31
38.15	77.17	77.24	36.45	74.64	74.71	34.75	72.17	72.22
38.10	77.10	77.16	36.40	74.58	74.63	34.70	72.13	72.16
38.05	77.02	77.09	36.35	74.51	74.57	34.65	72.07	72.12
38.00	76.95	77.01	36.30	74.44	74.50	34.60	72.00	72.06
37.95	76.85	76.94	36.25	74.40	74.43	34.55	71.96	71.99
37.90	76.80	76.84	36.20	74.32	74.39	34.50	71.89	71.95
37.85	76.74	76.79	36.15	74.27	74.31	34.45	71.84	71.88
37.80	76.65	76.73	36.10	74.22	74.26	34.40	71.76	71.83
37.75	76.57	76.64	36.05	74.15	74.21	34.35	71.69	71.75
37.70	76.48	76.56	36.00	74.11	74.14	34.30	71.63	71.68
37.65	76.43	76.47	35.95	74.05	74.10	34.25	71.55	71.62
37.60	76.37	76.42	35.90	73.99	74.04	34.20	71.52	71.54
37.55	76.30	76.36	35.85	73.88	73.98	34.15	71.45	71.51
37.50	76.23	76.29	35.80	73.82	73.87	34.10	71.38	71.44
37.45	76.18	76.22	35.75	73.75	73.81	34.05	71.25	71.37
37.40	76.09	76.17	35.70	73.71	73.74	34.00	71.18	71.24
37.35	76.02	76.08	35.65	73.65	73.70	33.95	71.11	71.17
37.30	75.97	76.01	35.60	73.53	73.64	33.90	71.06	71.10
37.25	75.87	75.96	35.55	73.39	73.52	33.85	70.99	71.05



ATAR	Ran	ge	ATAR	Range		ATAR	Range	
33.80	70.91	70.98	32.50	69.23	69.28	31.20	67.42	67.49
33.75	70.84	70.90	32.45	69.17	69.22	31.15	67.37	67.41
33.70	70.77	70.83	32.40	69.10	69.16	31.10	67.29	67.36
33.65	70.70	70.76	32.35	69.04	69.09	31.05	67.20	67.28
33.60	70.67	70.69	32.30	69.00	69.03	31.00	67.16	67.19
33.55	70.61	70.66	32.25	68.93	68.99	30.95	67.07	67.15
33.50	70.53	70.60	32.20	68.88	68.92	30.90	67.02	67.06
33.45	70.47	70.52	32.15	68.78	68.87	30.85	66.94	67.01
33.40	70.41	70.46	32.10	68.72	68.77	30.80	66.87	66.93
33.35	70.32	70.40	32.05	68.63	68.71	30.75	66.78	66.86
33.30	70.22	70.31	32.00	68.56	68.62	30.70	66.72	66.77
33.25	70.16	70.21	31.95	68.49	68.55	30.65	66.65	66.71
33.20	70.08	70.15	31.90	68.42	68.48	30.60	66.56	66.64
33.15	70.02	70.07	31.85	68.37	68.41	30.55	66.48	66.55
33.10	69.93	70.01	31.80	68.29	68.36	30.50	66.43	66.47
33.05	69.90	69.92	31.75	68.23	68.28	30.45	66.32	66.42
33.00	69.85	69.89	31.70	68.11	68.22	30.40	66.25	66.31
32.95	69.79	69.84	31.65	68.06	68.10	30.35	66.18	66.24
32.90	69.73	69.78	31.60	68.01	68.05	30.30	66.07	66.17
32.85	69.68	69.72	31.55	67.95	68.00	30.25	66.04	66.06
32.80	69.61	69.67	31.50	67.88	67.94	30.20	65.93	66.03
32.75	69.55	69.60	31.45	67.81	67.87	30.15	65.84	65.92
32.70	69.50	69.54	31.40	67.75	67.80	30.10	65.77	65.83
32.65	69.42	69.49	31.35	67.66	67.74	30.05	65.71	65.76
32.60	69.36	69.41	31.30	67.59	67.65	30.00	65.66	65.70
32.55	69.29	69.35	31.25	67.50	67.58	< 30	0.00	65.65