

The table below gives the 2022 ATAR corresponding to the range of 2022 scaled aggregates.

ATAR	Raı	nge	ATAR	Raı	nge	ATAR	Rar	nge
99.95	211.05	230.00	98.30	185.63	185.94	96.65	176.18	176.42
99.90	207.85	211.04	98.25	185.25	185.62	96.60	175.93	176.17
99.85	205.85	207.84	98.20	184.95	185.24	96.55	175.72	175.92
99.80	203.99	205.84	98.15	184.63	184.94	96.50	175.46	175.71
99.75	202.59	203.98	98.10	184.16	184.62	96.45	175.26	175.45
99.70	201.36	202.58	98.05	183.69	184.15	96.40	175.07	175.25
99.65	200.42	201.35	98.00	183.37	183.68	96.35	174.85	175.06
99.60	199.54	200.41	97.95	182.99	183.36	96.30	174.57	174.84
99.55	198.63	199.53	97.90	182.63	182.98	96.25	174.41	174.56
99.50	197.91	198.62	97.85	182.32	182.62	96.20	174.13	174.40
99.45	197.37	197.90	97.80	182.10	182.31	96.15	173.89	174.12
99.40	196.62	197.36	97.75	181.87	182.09	96.10	173.64	173.88
99.35	195.83	196.61	97.70	181.63	181.86	96.05	173.48	173.63
99.30	195.19	195.82	97.65	181.31	181.62	96.00	173.28	173.47
99.25	194.49	195.18	97.60	181.11	181.30	95.95	173.06	173.27
99.20	193.86	194.48	97.55	180.77	181.10	95.90	172.85	173.05
99.15	193.29	193.85	97.50	180.43	180.76	95.85	172.67	172.84
99.10	192.85	193.28	97.45	180.16	180.42	95.80	172.49	172.66
99.05	192.24	192.84	97.40	179.89	180.15	95.75	172.32	172.48
99.00	191.86	192.23	97.35	179.68	179.88	95.70	172.16	172.31
98.95	191.22	191.85	97.30	179.43	179.67	95.65	172.00	172.15
98.90	190.78	191.21	97.25	179.16	179.42	95.60	171.81	171.99
98.85	190.37	190.77	97.20	178.93	179.15	95.55	171.59	171.80
98.80	189.88	190.36	97.15	178.65	178.92	95.50	171.42	171.58
98.75	189.33	189.87	97.10	178.31	178.64	95.45	171.20	171.41
98.70	188.94	189.32	97.05	178.01	178.30	95.40	170.99	171.19
98.65	188.50	188.93	97.00	177.85	178.00	95.35	170.77	170.98
98.60	188.18	188.49	96.95	177.59	177.84	95.30	170.55	170.76
98.55	187.70	188.17	96.90	177.39	177.58	95.25	170.37	170.54
98.50	187.20	187.69	96.85	177.11	177.38	95.20	170.15	170.36
98.45	186.73	187.19	96.80	176.93	177.10	95.15	170.02	170.14
98.40	186.31	186.72	96.75	176.67	176.92	95.10	169.86	170.01
98.35	185.95	186.30	96.70	176.43	176.66	95.05	169.69	169.85



ATAR	Rar	nge	ATAR	Raı	nge	ATAR	Rar	nge
95.00	169.55	169.68	93.30	163.94	164.10	91.60	158.98	159.09
94.95	169.33	169.54	93.25	163.83	163.93	91.55	158.85	158.97
94.90	169.17	169.32	93.20	163.71	163.82	91.50	158.72	158.84
94.85	169.04	169.16	93.15	163.57	163.70	91.45	158.57	158.71
94.80	168.86	169.03	93.10	163.41	163.56	91.40	158.45	158.56
94.75	168.68	168.85	93.05	163.24	163.40	91.35	158.34	158.44
94.70	168.51	168.67	93.00	163.03	163.23	91.30	158.19	158.33
94.65	168.36	168.50	92.95	162.87	163.02	91.25	158.07	158.18
94.60	168.18	168.35	92.90	162.71	162.86	91.20	157.95	158.06
94.55	168.01	168.17	92.85	162.54	162.70	91.15	157.80	157.94
94.50	167.90	168.00	92.80	162.36	162.53	91.10	157.64	157.79
94.45	167.74	167.89	92.75	162.21	162.35	91.05	157.50	157.63
94.40	167.58	167.73	92.70	162.03	162.20	91.00	157.38	157.49
94.35	167.41	167.57	92.65	161.89	162.02	90.95	157.23	157.37
94.30	167.21	167.40	92.60	161.76	161.88	90.90	157.08	157.22
94.25	167.07	167.20	92.55	161.59	161.75	90.85	156.92	157.07
94.20	166.95	167.06	92.50	161.48	161.58	90.80	156.79	156.91
94.15	166.78	166.94	92.45	161.38	161.47	90.75	156.65	156.78
94.10	166.56	166.77	92.40	161.27	161.37	90.70	156.51	156.64
94.05	166.41	166.55	92.35	161.08	161.26	90.65	156.38	156.50
94.00	166.26	166.40	92.30	160.91	161.07	90.60	156.23	156.37
93.95	166.09	166.25	92.25	160.74	160.90	90.55	156.08	156.22
93.90	165.92	166.08	92.20	160.60	160.73	90.50	155.94	156.07
93.85	165.74	165.91	92.15	160.47	160.59	90.45	155.81	155.93
93.80	165.57	165.73	92.10	160.28	160.46	90.40	155.71	155.80
93.75	165.40	165.56	92.05	160.13	160.27	90.35	155.61	155.70
93.70	165.26	165.39	92.00	160.01	160.12	90.30	155.49	155.60
93.65	165.05	165.25	91.95	159.89	160.00	90.25	155.38	155.48
93.60	164.89	165.04	91.90	159.76	159.88	90.20	155.27	155.37
93.55	164.70	164.88	91.85	159.65	159.75	90.15	155.13	155.26
93.50	164.55	164.69	91.80	159.50	159.64	90.10	155.02	155.12
93.45	164.40	164.54	91.75	159.31	159.49	90.05	154.91	155.01
93.40	164.25	164.39	91.70	159.19	159.30	90.00	154.79	154.90
93.35	164.11	164.24	91.65	159.10	159.18	89.95	154.66	154.78



ATAR	Rar	nge	ATAR	Rar	nge	ATAR	Rar	nge
89.90	154.54	154.65	88.20	150.74	150.82	86.50	147.11	147.20
89.85	154.39	154.53	88.15	150.64	150.73	86.45	147.00	147.10
89.80	154.29	154.38	88.10	150.57	150.63	86.40	146.85	146.99
89.75	154.17	154.28	88.05	150.43	150.56	86.35	146.75	146.84
89.70	154.08	154.16	88.00	150.33	150.42	86.30	146.64	146.74
89.65	153.96	154.07	87.95	150.24	150.32	86.25	146.53	146.63
89.60	153.85	153.95	87.90	150.14	150.23	86.20	146.47	146.52
89.55	153.73	153.84	87.85	150.01	150.13	86.15	146.40	146.46
89.50	153.60	153.72	87.80	149.91	150.00	86.10	146.29	146.39
89.45	153.48	153.59	87.75	149.78	149.90	86.05	146.17	146.28
89.40	153.38	153.47	87.70	149.70	149.77	86.00	146.07	146.16
89.35	153.27	153.37	87.65	149.62	149.69	85.95	145.95	146.06
89.30	153.15	153.26	87.60	149.51	149.61	85.90	145.88	145.94
89.25	153.02	153.14	87.55	149.39	149.50	85.85	145.80	145.87
89.20	152.89	153.01	87.50	149.29	149.38	85.80	145.70	145.79
89.15	152.80	152.88	87.45	149.20	149.28	85.75	145.58	145.69
89.10	152.69	152.79	87.40	149.03	149.19	85.70	145.47	145.57
89.05	152.60	152.68	87.35	148.94	149.02	85.65	145.38	145.46
89.00	152.48	152.59	87.30	148.82	148.93	85.60	145.30	145.37
88.95	152.35	152.47	87.25	148.73	148.81	85.55	145.17	145.29
88.90	152.25	152.34	87.20	148.60	148.72	85.50	145.10	145.16
88.85	152.13	152.24	87.15	148.45	148.59	85.45	145.02	145.09
88.80	152.02	152.12	87.10	148.34	148.44	85.40	144.96	145.01
88.75	151.91	152.01	87.05	148.22	148.33	85.35	144.86	144.95
88.70	151.82	151.90	87.00	148.12	148.21	85.30	144.75	144.85
88.65	151.72	151.81	86.95	148.04	148.11	85.25	144.65	144.74
88.60	151.65	151.71	86.90	147.92	148.03	85.20	144.55	144.64
88.55	151.56	151.64	86.85	147.79	147.91	85.15	144.44	144.54
88.50	151.43	151.55	86.80	147.71	147.78	85.10	144.35	144.43
88.45	151.28	151.42	86.75	147.61	147.70	85.05	144.27	144.34
88.40	151.16	151.27	86.70	147.48	147.60	85.00	144.18	144.26
88.35	151.05	151.15	86.65	147.40	147.47	84.95	144.11	144.17
88.30	150.95	151.04	86.60	147.30	147.39	84.90	144.03	144.10
88.25	150.83	150.94	86.55	147.21	147.29	84.85	143.93	144.02



ATAR	Rar	nge	ATAR	Raı	nge	ATAR	Rar	nge
84.80	143.86	143.92	83.10	140.56	140.63	81.40	137.36	137.46
84.75	143.77	143.85	83.05	140.49	140.55	81.35	137.29	137.35
84.70	143.66	143.76	83.00	140.41	140.48	81.30	137.20	137.28
84.65	143.55	143.65	82.95	140.33	140.40	81.25	137.14	137.19
84.60	143.46	143.54	82.90	140.22	140.32	81.20	137.06	137.13
84.55	143.35	143.45	82.85	140.09	140.21	81.15	137.00	137.05
84.50	143.25	143.34	82.80	139.97	140.08	81.10	136.93	136.99
84.45	143.17	143.24	82.75	139.89	139.96	81.05	136.85	136.92
84.40	143.09	143.16	82.70	139.80	139.88	81.00	136.76	136.84
84.35	142.99	143.08	82.65	139.73	139.79	80.95	136.68	136.75
84.30	142.90	142.98	82.60	139.61	139.72	80.90	136.59	136.67
84.25	142.80	142.89	82.55	139.53	139.60	80.85	136.52	136.58
84.20	142.69	142.79	82.50	139.44	139.52	80.80	136.44	136.51
84.15	142.61	142.68	82.45	139.33	139.43	80.75	136.34	136.43
84.10	142.52	142.60	82.40	139.21	139.32	80.70	136.25	136.33
84.05	142.44	142.51	82.35	139.14	139.20	80.65	136.16	136.24
84.00	142.32	142.43	82.30	139.05	139.13	80.60	136.04	136.15
83.95	142.25	142.31	82.25	138.95	139.04	80.55	135.95	136.03
83.90	142.13	142.24	82.20	138.85	138.94	80.50	135.87	135.94
83.85	142.02	142.12	82.15	138.74	138.84	80.45	135.78	135.86
83.80	141.92	142.01	82.10	138.65	138.73	80.40	135.69	135.77
83.75	141.81	141.91	82.05	138.56	138.64	80.35	135.59	135.68
83.70	141.70	141.80	82.00	138.48	138.55	80.30	135.52	135.58
83.65	141.62	141.69	81.95	138.39	138.47	80.25	135.45	135.51
83.60	141.54	141.61	81.90	138.29	138.38	80.20	135.34	135.44
83.55	141.46	141.53	81.85	138.20	138.28	80.15	135.25	135.33
83.50	141.35	141.45	81.80	138.10	138.19	80.10	135.15	135.24
83.45	141.27	141.34	81.75	138.03	138.09	80.05	135.06	135.14
83.40	141.14	141.26	81.70	137.92	138.02	80.00	134.96	135.05
83.35	141.03	141.13	81.65	137.84	137.91	79.95	134.91	134.95
83.30	140.92	141.02	81.60	137.74	137.83	79.90	134.83	134.90
83.25	140.82	140.91	81.55	137.63	137.73	79.85	134.76	134.82
83.20	140.74	140.81	81.50	137.56	137.62	79.80	134.67	134.75
83.15	140.64	140.73	81.45	137.47	137.55	79.75	134.60	134.66



ATAR	Rar	nge	ATAR	Rai	nge	ATAR	Raı	nge
79.70	134.49	134.59	78.00	131.58	131.64	76.30	128.76	128.84
79.65	134.41	134.48	77.95	131.48	131.57	76.25	128.68	128.75
79.60	134.30	134.40	77.90	131.39	131.47	76.20	128.61	128.67
79.55	134.22	134.29	77.85	131.32	131.38	76.15	128.52	128.60
79.50	134.11	134.21	77.80	131.23	131.31	76.10	128.45	128.51
79.45	134.03	134.10	77.75	131.14	131.22	76.05	128.38	128.44
79.40	133.94	134.02	77.70	131.06	131.13	76.00	128.30	128.37
79.35	133.87	133.93	77.65	130.97	131.05	75.95	128.23	128.29
79.30	133.81	133.86	77.60	130.90	130.96	75.90	128.16	128.22
79.25	133.75	133.80	77.55	130.82	130.89	75.85	128.09	128.15
79.20	133.66	133.74	77.50	130.75	130.81	75.80	128.00	128.08
79.15	133.60	133.65	77.45	130.67	130.74	75.75	127.92	127.99
79.10	133.50	133.59	77.40	130.58	130.66	75.70	127.82	127.91
79.05	133.40	133.49	77.35	130.50	130.57	75.65	127.76	127.81
79.00	133.32	133.39	77.30	130.41	130.49	75.60	127.68	127.75
78.95	133.23	133.31	77.25	130.35	130.40	75.55	127.61	127.67
78.90	133.15	133.22	77.20	130.27	130.34	75.50	127.52	127.60
78.85	133.05	133.14	77.15	130.20	130.26	75.45	127.43	127.51
78.80	132.94	133.04	77.10	130.12	130.19	75.40	127.37	127.42
78.75	132.86	132.93	77.05	130.05	130.11	75.35	127.28	127.36
78.70	132.76	132.85	77.00	129.98	130.04	75.30	127.19	127.27
78.65	132.67	132.75	76.95	129.87	129.97	75.25	127.11	127.18
78.60	132.60	132.66	76.90	129.76	129.86	75.20	127.04	127.10
78.55	132.52	132.59	76.85	129.68	129.75	75.15	126.97	127.03
78.50	132.42	132.51	76.80	129.59	129.67	75.10	126.89	126.96
78.45	132.31	132.41	76.75	129.51	129.58	75.05	126.81	126.88
78.40	132.24	132.30	76.70	129.44	129.50	75.00	126.74	126.80
78.35	132.14	132.23	76.65	129.36	129.43	74.95	126.65	126.73
78.30	132.05	132.13	76.60	129.27	129.35	74.90	126.59	126.64
78.25	131.97	132.04	76.55	129.18	129.26	74.85	126.49	126.58
78.20	131.90	131.96	76.50	129.11	129.17	74.80	126.42	126.48
78.15	131.82	131.89	76.45	129.01	129.10	74.75	126.35	126.41
78.10	131.74	131.81	76.40	128.93	129.00	74.70	126.26	126.34
78.05	131.65	131.73	76.35	128.85	128.92	74.65	126.19	126.25



ATAR	Rar	nge	ATAR	Raı	nge	ATAR	Range	
74.60	126.12	126.18	72.90	123.54	123.61	71.20	121.10	121.16
74.55	126.05	126.11	72.85	123.48	123.53	71.15	121.01	121.09
74.50	125.98	126.04	72.80	123.42	123.47	71.10	120.93	121.00
74.45	125.91	125.97	72.75	123.35	123.41	71.05	120.83	120.92
74.40	125.81	125.90	72.70	123.29	123.34	71.00	120.76	120.82
74.35	125.74	125.80	72.65	123.21	123.28	70.95	120.68	120.75
74.30	125.65	125.73	72.60	123.15	123.20	70.90	120.59	120.67
74.25	125.55	125.64	72.55	123.07	123.14	70.85	120.52	120.58
74.20	125.47	125.54	72.50	123.01	123.06	70.80	120.44	120.51
74.15	125.39	125.46	72.45	122.94	123.00	70.75	120.37	120.43
74.10	125.32	125.38	72.40	122.86	122.93	70.70	120.32	120.36
74.05	125.24	125.31	72.35	122.79	122.85	70.65	120.27	120.31
74.00	125.14	125.23	72.30	122.73	122.78	70.60	120.20	120.26
73.95	125.06	125.13	72.25	122.65	122.72	70.55	120.12	120.19
73.90	124.99	125.05	72.20	122.57	122.64	70.50	120.04	120.11
73.85	124.91	124.98	72.15	122.48	122.56	70.45	119.97	120.03
73.80	124.85	124.90	72.10	122.41	122.47	70.40	119.92	119.96
73.75	124.78	124.84	72.05	122.34	122.40	70.35	119.83	119.91
73.70	124.71	124.77	72.00	122.27	122.33	70.30	119.77	119.82
73.65	124.62	124.70	71.95	122.19	122.26	70.25	119.68	119.76
73.60	124.56	124.61	71.90	122.11	122.18	70.20	119.62	119.67
73.55	124.49	124.55	71.85	122.03	122.10	70.15	119.56	119.61
73.50	124.42	124.48	71.80	121.96	122.02	70.10	119.48	119.55
73.45	124.34	124.41	71.75	121.89	121.95	70.05	119.40	119.47
73.40	124.28	124.33	71.70	121.81	121.88	70.00	119.35	119.39
73.35	124.22	124.27	71.65	121.75	121.80	69.95	119.29	119.34
73.30	124.14	124.21	71.60	121.67	121.74	69.90	119.21	119.28
73.25	124.06	124.13	71.55	121.60	121.66	69.85	119.14	119.20
73.20	123.98	124.05	71.50	121.51	121.59	69.80	119.06	119.13
73.15	123.91	123.97	71.45	121.43	121.50	69.75	118.99	119.05
73.10	123.85	123.90	71.40	121.37	121.42	69.70	118.90	118.98
73.05	123.76	123.84	71.35	121.31	121.36	69.65	118.82	118.89
73.00	123.70	123.75	71.30	121.25	121.30	69.60	118.74	118.81
72.95	123.62	123.69	71.25	121.17	121.24	69.55	118.66	118.73



ATAR	Rar	nge	ATAR	Raı	nge	ATAR	Rar	nge
69.50	118.61	118.65	67.80	116.14	116.21	66.10	113.66	113.71
69.45	118.54	118.60	67.75	116.08	116.13	66.05	113.59	113.65
69.40	118.46	118.53	67.70	116.02	116.07	66.00	113.51	113.58
69.35	118.39	118.45	67.65	115.95	116.01	65.95	113.43	113.50
69.30	118.29	118.38	67.60	115.87	115.94	65.90	113.35	113.42
69.25	118.22	118.28	67.55	115.79	115.86	65.85	113.29	113.34
69.20	118.16	118.21	67.50	115.71	115.78	65.80	113.23	113.28
69.15	118.08	118.15	67.45	115.62	115.70	65.75	113.16	113.22
69.10	118.02	118.07	67.40	115.53	115.61	65.70	113.09	113.15
69.05	117.94	118.01	67.35	115.47	115.52	65.65	113.01	113.08
69.00	117.89	117.93	67.30	115.39	115.46	65.60	112.95	113.00
68.95	117.82	117.88	67.25	115.32	115.38	65.55	112.87	112.94
68.90	117.76	117.81	67.20	115.24	115.31	65.50	112.80	112.86
68.85	117.69	117.75	67.15	115.17	115.23	65.45	112.74	112.79
68.80	117.59	117.68	67.10	115.12	115.16	65.40	112.68	112.73
68.75	117.52	117.58	67.05	115.05	115.11	65.35	112.60	112.67
68.70	117.45	117.51	67.00	114.97	115.04	65.30	112.53	112.59
68.65	117.39	117.44	66.95	114.88	114.96	65.25	112.46	112.52
68.60	117.32	117.38	66.90	114.80	114.87	65.20	112.40	112.45
68.55	117.26	117.31	66.85	114.74	114.79	65.15	112.32	112.39
68.50	117.19	117.25	66.80	114.68	114.73	65.10	112.24	112.31
68.45	117.11	117.18	66.75	114.59	114.67	65.05	112.16	112.23
68.40	117.03	117.10	66.70	114.53	114.58	65.00	112.10	112.15
68.35	116.96	117.02	66.65	114.47	114.52	64.95	112.04	112.09
68.30	116.88	116.95	66.60	114.42	114.46	64.90	111.97	112.03
68.25	116.80	116.87	66.55	114.33	114.41	64.85	111.92	111.96
68.20	116.72	116.79	66.50	114.25	114.32	64.80	111.83	111.91
68.15	116.66	116.71	66.45	114.18	114.24	64.75	111.75	111.82
68.10	116.59	116.65	66.40	114.13	114.17	64.70	111.69	111.74
68.05	116.50	116.58	66.35	114.05	114.12	64.65	111.61	111.68
68.00	116.44	116.49	66.30	113.96	114.04	64.60	111.54	111.60
67.95	116.36	116.43	66.25	113.88	113.95	64.55	111.46	111.53
67.90	116.28	116.35	66.20	113.81	113.87	64.50	111.38	111.45
67.85	116.22	116.27	66.15	113.72	113.80	64.45	111.33	111.37



ATAR	Rar	nge	ATAR	Raı	nge	ATAR	Rar	nge
64.40	111.28	111.32	62.70	108.99	109.08	61.00	106.65	106.71
64.35	111.21	111.27	62.65	108.92	108.98	60.95	106.59	106.64
64.30	111.15	111.20	62.60	108.84	108.91	60.90	106.53	106.58
64.25	111.06	111.14	62.55	108.75	108.83	60.85	106.44	106.52
64.20	111.00	111.05	62.50	108.69	108.74	60.80	106.37	106.43
64.15	110.94	110.99	62.45	108.63	108.68	60.75	106.31	106.36
64.10	110.88	110.93	62.40	108.55	108.62	60.70	106.25	106.30
64.05	110.83	110.87	62.35	108.48	108.54	60.65	106.15	106.24
64.00	110.76	110.82	62.30	108.42	108.47	60.60	106.09	106.14
63.95	110.70	110.75	62.25	108.34	108.41	60.55	106.03	106.08
63.90	110.64	110.69	62.20	108.28	108.33	60.50	105.97	106.02
63.85	110.57	110.63	62.15	108.21	108.27	60.45	105.91	105.96
63.80	110.51	110.56	62.10	108.14	108.20	60.40	105.85	105.90
63.75	110.44	110.50	62.05	108.08	108.13	60.35	105.78	105.84
63.70	110.38	110.43	62.00	108.00	108.07	60.30	105.71	105.77
63.65	110.29	110.37	61.95	107.94	107.99	60.25	105.65	105.70
63.60	110.23	110.28	61.90	107.88	107.93	60.20	105.59	105.64
63.55	110.18	110.22	61.85	107.80	107.87	60.15	105.54	105.58
63.50	110.11	110.17	61.80	107.76	107.79	60.10	105.49	105.53
63.45	110.05	110.10	61.75	107.67	107.75	60.05	105.44	105.48
63.40	109.98	110.04	61.70	107.62	107.66	60.00	105.36	105.43
63.35	109.92	109.97	61.65	107.51	107.61	59.95	105.29	105.35
63.30	109.84	109.91	61.60	107.44	107.50	59.90	105.22	105.28
63.25	109.78	109.83	61.55	107.37	107.43	59.85	105.17	105.21
63.20	109.72	109.77	61.50	107.29	107.36	59.80	105.08	105.16
63.15	109.64	109.71	61.45	107.22	107.28	59.75	105.03	105.07
63.10	109.58	109.63	61.40	107.15	107.21	59.70	104.94	105.02
63.05	109.50	109.57	61.35	107.09	107.14	59.65	104.85	104.93
63.00	109.43	109.49	61.30	107.02	107.08	59.60	104.74	104.84
62.95	109.36	109.42	61.25	106.95	107.01	59.55	104.68	104.73
62.90	109.28	109.35	61.20	106.89	106.94	59.50	104.61	104.67
62.85	109.23	109.27	61.15	106.84	106.88	59.45	104.53	104.60
62.80	109.17	109.22	61.10	106.78	106.83	59.40	104.47	104.52
62.75	109.09	109.16	61.05	106.72	106.77	59.35	104.40	104.46



ATAR	Rar	nge	ATAR	Rar	nge	ATAR	Ran	ge
59.30	104.33	104.39	57.60	102.02	102.05	55.90	99.60	99.65
59.25	104.26	104.32	57.55	101.94	102.01	55.85	99.55	99.59
59.20	104.20	104.25	57.50	101.84	101.93	55.80	99.48	99.54
59.15	104.13	104.19	57.45	101.77	101.83	55.75	99.42	99.47
59.10	104.06	104.12	57.40	101.69	101.76	55.70	99.37	99.41
59.05	104.00	104.05	57.35	101.58	101.68	55.65	99.30	99.36
59.00	103.92	103.99	57.30	101.50	101.57	55.60	99.25	99.29
58.95	103.85	103.91	57.25	101.42	101.49	55.55	99.18	99.24
58.90	103.81	103.84	57.20	101.36	101.41	55.50	99.10	99.17
58.85	103.75	103.80	57.15	101.30	101.35	55.45	99.03	99.09
58.80	103.67	103.74	57.10	101.23	101.29	55.40	98.95	99.02
58.75	103.61	103.66	57.05	101.19	101.22	55.35	98.90	98.94
58.70	103.55	103.60	57.00	101.12	101.18	55.30	98.81	98.89
58.65	103.48	103.54	56.95	101.04	101.11	55.25	98.75	98.80
58.60	103.40	103.47	56.90	100.97	101.03	55.20	98.69	98.74
58.55	103.32	103.39	56.85	100.90	100.96	55.15	98.61	98.68
58.50	103.25	103.31	56.80	100.84	100.89	55.10	98.56	98.60
58.45	103.17	103.24	56.75	100.77	100.83	55.05	98.49	98.55
58.40	103.06	103.16	56.70	100.70	100.76	55.00	98.41	98.48
58.35	103.00	103.05	56.65	100.63	100.69	54.95	98.35	98.40
58.30	102.95	102.99	56.60	100.57	100.62	54.90	98.29	98.34
58.25	102.87	102.94	56.55	100.50	100.56	54.85	98.19	98.28
58.20	102.80	102.86	56.50	100.43	100.49	54.80	98.13	98.18
58.15	102.71	102.79	56.45	100.35	100.42	54.75	98.07	98.12
58.10	102.66	102.70	56.40	100.30	100.34	54.70	98.00	98.06
58.05	102.60	102.65	56.35	100.22	100.29	54.65	97.94	97.99
58.00	102.52	102.59	56.30	100.16	100.21	54.60	97.87	97.93
57.95	102.44	102.51	56.25	100.11	100.15	54.55	97.79	97.86
57.90	102.38	102.43	56.20	100.03	100.10	54.50	97.72	97.78
57.85	102.32	102.37	56.15	99.95	100.02	54.45	97.66	97.71
57.80	102.24	102.31	56.10	99.89	99.94	54.40	97.59	97.65
57.75	102.18	102.23	56.05	99.80	99.88	54.35	97.52	97.58
57.70	102.11	102.17	56.00	99.73	99.79	54.30	97.45	97.51
57.65	102.06	102.10	55.95	99.66	99.72	54.25	97.38	97.44



ATAR	Ran	ge	ATAR	Ran	ge	ATAR	Ran	ge
54.20	97.32	97.37	52.50	94.98	95.03	50.80	92.72	92.77
54.15	97.25	97.31	52.45	94.91	94.97	50.75	92.66	92.71
54.10	97.19	97.24	52.40	94.84	94.90	50.70	92.59	92.65
54.05	97.12	97.18	52.35	94.79	94.83	50.65	92.53	92.58
54.00	97.04	97.11	52.30	94.73	94.78	50.60	92.48	92.52
53.95	96.99	97.03	52.25	94.67	94.72	50.55	92.41	92.47
53.90	96.91	96.98	52.20	94.62	94.66	50.50	92.31	92.40
53.85	96.85	96.90	52.15	94.53	94.61	50.45	92.22	92.30
53.80	96.79	96.84	52.10	94.48	94.52	50.40	92.14	92.21
53.75	96.69	96.78	52.05	94.39	94.47	50.35	92.07	92.13
53.70	96.63	96.68	52.00	94.32	94.38	50.30	92.00	92.06
53.65	96.57	96.62	51.95	94.22	94.31	50.25	91.93	91.99
53.60	96.49	96.56	51.90	94.14	94.21	50.20	91.86	91.92
53.55	96.42	96.48	51.85	94.08	94.13	50.15	91.80	91.85
53.50	96.35	96.41	51.80	93.99	94.07	50.10	91.73	91.79
53.45	96.26	96.34	51.75	93.94	93.98	50.05	91.66	91.72
53.40	96.19	96.25	51.70	93.88	93.93	50.00	91.60	91.65
53.35	96.12	96.18	51.65	93.82	93.87	49.95	91.52	91.59
53.30	96.05	96.11	51.60	93.77	93.81	49.90	91.48	91.51
53.25	95.98	96.04	51.55	93.71	93.76	49.85	91.40	91.47
53.20	95.91	95.97	51.50	93.66	93.70	49.80	91.34	91.39
53.15	95.83	95.90	51.45	93.62	93.65	49.75	91.26	91.33
53.10	95.77	95.82	51.40	93.54	93.61	49.70	91.21	91.25
53.05	95.71	95.76	51.35	93.48	93.53	49.65	91.16	91.20
53.00	95.65	95.70	51.30	93.41	93.47	49.60	91.07	91.15
52.95	95.60	95.64	51.25	93.32	93.40	49.55	91.01	91.06
52.90	95.53	95.59	51.20	93.28	93.31	49.50	90.92	91.00
52.85	95.43	95.52	51.15	93.19	93.27	49.45	90.85	90.91
52.80	95.38	95.42	51.10	93.13	93.18	49.40	90.75	90.84
52.75	95.31	95.37	51.05	93.03	93.12	49.35	90.67	90.74
52.70	95.24	95.30	51.00	92.97	93.02	49.30	90.60	90.66
52.65	95.19	95.23	50.95	92.93	92.96	49.25	90.54	90.59
52.60	95.09	95.18	50.90	92.86	92.92	49.20	90.45	90.53
52.55	95.04	95.08	50.85	92.78	92.85	49.15	90.40	90.44



ATAR	Ran	ge	ATAR	Rar	nge	ATAR	Rar	Range	
49.10	90.33	90.39	47.40	87.90	87.97	45.70	85.37	85.43	
49.05	90.24	90.32	47.35	87.84	87.89	45.65	85.32	85.36	
49.00	90.17	90.23	47.30	87.76	87.83	45.60	85.27	85.31	
48.95	90.11	90.16	47.25	87.71	87.75	45.55	85.20	85.26	
48.90	90.02	90.10	47.20	87.64	87.70	45.50	85.14	85.19	
48.85	89.93	90.01	47.15	87.58	87.63	45.45	85.05	85.13	
48.80	89.85	89.92	47.10	87.49	87.57	45.40	84.98	85.04	
48.75	89.76	89.84	47.05	87.42	87.48	45.35	84.90	84.97	
48.70	89.69	89.75	47.00	87.33	87.41	45.30	84.79	84.89	
48.65	89.65	89.68	46.95	87.26	87.32	45.25	84.72	84.78	
48.60	89.60	89.64	46.90	87.19	87.25	45.20	84.63	84.71	
48.55	89.54	89.59	46.85	87.13	87.18	45.15	84.55	84.62	
48.50	89.47	89.53	46.80	87.03	87.12	45.10	84.49	84.54	
48.45	89.39	89.46	46.75	86.97	87.02	45.05	84.43	84.48	
48.40	89.33	89.38	46.70	86.87	86.96	45.00	84.37	84.42	
48.35	89.23	89.32	46.65	86.78	86.86	44.95	84.27	84.36	
48.30	89.16	89.22	46.60	86.70	86.77	44.90	84.19	84.26	
48.25	89.05	89.15	46.55	86.61	86.69	44.85	84.12	84.18	
48.20	88.97	89.04	46.50	86.53	86.60	44.80	84.06	84.11	
48.15	88.88	88.96	46.45	86.47	86.52	44.75	84.01	84.05	
48.10	88.81	88.87	46.40	86.37	86.46	44.70	83.95	84.00	
48.05	88.75	88.80	46.35	86.29	86.36	44.65	83.87	83.94	
48.00	88.68	88.74	46.30	86.22	86.28	44.60	83.79	83.86	
47.95	88.63	88.67	46.25	86.16	86.21	44.55	83.72	83.78	
47.90	88.56	88.62	46.20	86.10	86.15	44.50	83.65	83.71	
47.85	88.50	88.55	46.15	86.04	86.09	44.45	83.54	83.64	
47.80	88.43	88.49	46.10	85.97	86.03	44.40	83.45	83.53	
47.75	88.37	88.42	46.05	85.91	85.96	44.35	83.37	83.44	
47.70	88.34	88.36	46.00	85.86	85.90	44.30	83.31	83.36	
47.65	88.27	88.33	45.95	85.77	85.85	44.25	83.23	83.30	
47.60	88.19	88.26	45.90	85.67	85.76	44.20	83.17	83.22	
47.55	88.10	88.18	45.85	85.60	85.66	44.15	83.08	83.16	
47.50	88.04	88.09	45.80	85.51	85.59	44.10	82.98	83.07	
47.45	87.98	88.03	45.75	85.44	85.50	44.05	82.92	82.97	



ATAR	Ran	ige	ATAR	Rai	nge	ATAR	Rar	nge
44.00	82.87	82.91	42.30	80.53	80.60	40.60	78.28	78.34
43.95	82.79	82.86	42.25	80.45	80.52	40.55	78.22	78.27
43.90	82.70	82.78	42.20	80.37	80.44	40.50	78.15	78.21
43.85	82.65	82.69	42.15	80.30	80.36	40.45	78.08	78.14
43.80	82.56	82.64	42.10	80.21	80.29	40.40	78.01	78.07
43.75	82.47	82.55	42.05	80.15	80.20	40.35	77.93	78.00
43.70	82.40	82.46	42.00	80.09	80.14	40.30	77.84	77.92
43.65	82.35	82.39	41.95	80.04	80.08	40.25	77.79	77.83
43.60	82.28	82.34	41.90	79.97	80.03	40.20	77.72	77.78
43.55	82.23	82.27	41.85	79.90	79.96	40.15	77.64	77.71
43.50	82.17	82.22	41.80	79.82	79.89	40.10	77.50	77.63
43.45	82.12	82.16	41.75	79.77	79.81	40.05	77.41	77.49
43.40	82.07	82.11	41.70	79.71	79.76	40.00	77.35	77.40
43.35	82.03	82.06	41.65	79.63	79.70	39.95	77.30	77.34
43.30	81.97	82.02	41.60	79.55	79.62	39.90	77.24	77.29
43.25	81.91	81.96	41.55	79.50	79.54	39.85	77.18	77.23
43.20	81.84	81.90	41.50	79.45	79.49	39.80	77.12	77.17
43.15	81.76	81.83	41.45	79.39	79.44	39.75	77.04	77.11
43.10	81.68	81.75	41.40	79.34	79.38	39.70	76.98	77.03
43.05	81.62	81.67	41.35	79.28	79.33	39.65	76.92	76.97
43.00	81.53	81.61	41.30	79.21	79.27	39.60	76.86	76.91
42.95	81.46	81.52	41.25	79.15	79.20	39.55	76.78	76.85
42.90	81.40	81.45	41.20	79.09	79.14	39.50	76.75	76.77
42.85	81.33	81.39	41.15	79.03	79.08	39.45	76.65	76.74
42.80	81.26	81.32	41.10	78.97	79.02	39.40	76.59	76.64
42.75	81.19	81.25	41.05	78.89	78.96	39.35	76.50	76.58
42.70	81.13	81.18	41.00	78.84	78.88	39.30	76.40	76.49
42.65	81.06	81.12	40.95	78.79	78.83	39.25	76.30	76.39
42.60	80.98	81.05	40.90	78.71	78.78	39.20	76.23	76.29
42.55	80.89	80.97	40.85	78.64	78.70	39.15	76.19	76.22
42.50	80.83	80.88	40.80	78.57	78.63	39.10	76.12	76.18
42.45	80.75	80.82	40.75	78.51	78.56	39.05	76.07	76.11
42.40	80.69	80.74	40.70	78.40	78.50	39.00	76.03	76.06
42.35	80.61	80.68	40.65	78.35	78.39	38.95	75.97	76.02



ATAR	Range		ATAR	Range		ATAR	R Range	
38.90	75.93	75.96	37.20	73.72	73.78	35.50	71.59	71.62
38.85	75.88	75.92	37.15	73.67	73.71	35.45	71.53	71.58
38.80	75.84	75.87	37.10	73.60	73.66	35.40	71.47	71.52
38.75	75.74	75.83	37.05	73.52	73.59	35.35	71.40	71.46
38.70	75.69	75.73	37.00	73.46	73.51	35.30	71.33	71.39
38.65	75.61	75.68	36.95	73.40	73.45	35.25	71.24	71.32
38.60	75.57	75.60	36.90	73.36	73.39	35.20	71.18	71.23
38.55	75.52	75.56	36.85	73.32	73.35	35.15	71.10	71.17
38.50	75.46	75.51	36.80	73.23	73.31	35.10	71.02	71.09
38.45	75.39	75.45	36.75	73.15	73.22	35.05	70.93	71.01
38.40	75.33	75.38	36.70	73.12	73.14	35.00	70.84	70.92
38.35	75.26	75.32	36.65	73.06	73.11	34.95	70.80	70.83
38.30	75.18	75.25	36.60	73.00	73.05	34.90	70.72	70.79
38.25	75.12	75.17	36.55	72.91	72.99	34.85	70.67	70.71
38.20	75.04	75.11	36.50	72.84	72.90	34.80	70.61	70.66
38.15	74.98	75.03	36.45	72.76	72.83	34.75	70.55	70.60
38.10	74.92	74.97	36.40	72.70	72.75	34.70	70.50	70.54
38.05	74.85	74.91	36.35	72.64	72.69	34.65	70.44	70.49
38.00	74.80	74.84	36.30	72.55	72.63	34.60	70.39	70.43
37.95	74.69	74.79	36.25	72.48	72.54	34.55	70.27	70.38
37.90	74.63	74.68	36.20	72.40	72.47	34.50	70.20	70.26
37.85	74.56	74.62	36.15	72.33	72.39	34.45	70.15	70.19
37.80	74.48	74.55	36.10	72.25	72.32	34.40	70.12	70.14
37.75	74.39	74.47	36.05	72.19	72.24	34.35	70.05	70.11
37.70	74.32	74.38	36.00	72.12	72.18	34.30	69.99	70.04
37.65	74.27	74.31	35.95	72.05	72.11	34.25	69.90	69.98
37.60	74.20	74.26	35.90	71.98	72.04	34.20	69.85	69.89
37.55	74.16	74.19	35.85	71.92	71.97	34.15	69.81	69.84
37.50	74.11	74.15	35.80	71.88	71.91	34.10	69.75	69.80
37.45	74.02	74.10	35.75	71.84	71.87	34.05	69.70	69.74
37.40	73.98	74.01	35.70	71.80	71.83	34.00	69.63	69.69
37.35	73.94	73.97	35.65	71.74	71.79	33.95	69.58	69.62
37.30	73.87	73.93	35.60	71.68	71.73	33.90	69.46	69.57
37.25	73.79	73.86	35.55	71.63	71.67	33.85	69.37	69.45



ATAR	Range		ATAR	Range		ATAR	Range	
33.80	69.32	69.36	32.50	67.75	67.83	31.20	66.02	66.07
33.75	69.28	69.31	32.45	67.71	67.74	31.15	65.94	66.01
33.70	69.16	69.27	32.40	67.64	67.70	31.10	65.81	65.93
33.65	69.11	69.15	32.35	67.56	67.63	31.05	65.75	65.80
33.60	69.05	69.10	32.30	67.47	67.55	31.00	65.64	65.74
33.55	69.02	69.04	32.25	67.42	67.46	30.95	65.55	65.63
33.50	68.94	69.01	32.20	67.32	67.41	30.90	65.50	65.54
33.45	68.87	68.93	32.15	67.24	67.31	30.85	65.39	65.49
33.40	68.79	68.86	32.10	67.13	67.23	30.80	65.27	65.38
33.35	68.71	68.78	32.05	67.08	67.12	30.75	65.25	65.26
33.30	68.65	68.70	32.00	66.98	67.07	30.70	65.17	65.24
33.25	68.59	68.64	31.95	66.87	66.97	30.65	65.13	65.16
33.20	68.53	68.58	31.90	66.82	66.86	30.60	65.07	65.12
33.15	68.46	68.52	31.85	66.76	66.81	30.55	65.03	65.06
33.10	68.40	68.45	31.80	66.73	66.75	30.50	64.97	65.02
33.05	68.35	68.39	31.75	66.65	66.72	30.45	64.95	64.96
33.00	68.29	68.34	31.70	66.58	66.64	30.40	64.89	64.94
32.95	68.25	68.28	31.65	66.50	66.57	30.35	64.80	64.88
32.90	68.22	68.24	31.60	66.46	66.49	30.30	64.76	64.79
32.85	68.17	68.21	31.55	66.42	66.45	30.25	64.63	64.75
32.80	68.14	68.16	31.50	66.40	66.41	30.20	64.56	64.62
32.75	68.12	68.13	31.45	66.32	66.39	30.15	64.44	64.55
32.70	68.04	68.11	31.40	66.27	66.31	30.10	64.41	64.43
32.65	67.97	68.03	31.35	66.20	66.26	30.05	64.36	64.40
32.60	67.91	67.96	31.30	66.10	66.19	30.00	64.28	64.35
32.55	67.84	67.90	31.25	66.08	66.09	< 30	0.00	64.27