

The table below gives the 2020 ATAR corresponding to the range of 2020 scaled aggregates.

ATAR	Rai	nge	ATAR	Raı	nge	ATAR	Raı	nge
99.95	209.81	230.00	98.35	186.63	186.97	96.75	177.47	177.74
99.90	207.51	209.80	98.30	186.22	186.62	96.70	177.27	177.46
99.85	205.84	207.50	98.25	185.91	186.21	96.65	177.07	177.26
99.80	204.41	205.83	98.20	185.60	185.90	96.60	176.79	177.06
99.75	202.95	204.40	98.15	185.19	185.59	96.55	176.59	176.78
99.70	201.94	202.94	98.10	184.85	185.18	96.50	176.35	176.58
99.65	200.81	201.93	98.05	184.60	184.84	96.45	176.10	176.34
99.60	199.71	200.80	98.00	184.21	184.59	96.40	175.95	176.09
99.55	198.83	199.70	97.95	183.84	184.20	96.35	175.65	175.94
99.50	198.03	198.82	97.90	183.52	183.83	96.30	175.43	175.64
99.45	197.20	198.02	97.85	183.28	183.51	96.25	175.23	175.42
99.40	196.53	197.19	97.80	183.09	183.27	96.20	175.05	175.22
99.35	195.84	196.52	97.75	182.77	183.08	96.15	174.88	175.04
99.30	195.27	195.83	97.70	182.44	182.76	96.10	174.61	174.87
99.25	194.75	195.26	97.65	182.18	182.43	96.05	174.42	174.60
99.20	194.11	194.74	97.60	181.90	182.17	96.00	174.24	174.41
99.15	193.58	194.10	97.55	181.49	181.89	95.95	174.03	174.23
99.10	192.97	193.57	97.50	181.29	181.48	95.90	173.85	174.02
99.05	192.44	192.96	97.45	181.03	181.28	95.85	173.66	173.84
99.00	191.91	192.43	97.40	180.80	181.02	95.80	173.50	173.65
98.95	191.53	191.90	97.35	180.58	180.79	95.75	173.34	173.49
98.90	191.07	191.52	97.30	180.36	180.57	95.70	173.14	173.33
98.85	190.76	191.06	97.25	180.10	180.35	95.65	172.89	173.13
98.80	190.31	190.75	97.20	179.82	180.09	95.60	172.75	172.88
98.75	189.82	190.30	97.15	179.60	179.81	95.55	172.58	172.74
98.70	189.45	189.81	97.10	179.33	179.59	95.50	172.35	172.57
98.65	189.06	189.44	97.05	179.07	179.32	95.45	172.19	172.34
98.60	188.60	189.05	97.00	178.83	179.06	95.40	172.04	172.18
98.55	188.13	188.59	96.95	178.59	178.82	95.35	171.88	172.03
98.50	187.79	188.12	96.90	178.34	178.58	95.30	171.68	171.87
98.45	187.34	187.78	96.85	178.04	178.33	95.25	171.49	171.67
98.40	186.98	187.33	96.80	177.75	178.03	95.20	171.31	171.48



ATAR	Raı	nge	ATAR	Raı	nge	ATAR	Rar	nge
95.15	171.07	171.30	93.45	165.67	165.83	91.75	160.97	161.13
95.10	170.92	171.06	93.40	165.51	165.66	91.70	160.84	160.96
95.05	170.73	170.91	93.35	165.39	165.50	91.65	160.67	160.83
95.00	170.57	170.72	93.30	165.24	165.38	91.60	160.54	160.66
94.95	170.41	170.56	93.25	165.10	165.23	91.55	160.42	160.53
94.90	170.24	170.40	93.20	164.93	165.09	91.50	160.29	160.41
94.85	170.06	170.23	93.15	164.80	164.92	91.45	160.16	160.28
94.80	169.90	170.05	93.10	164.68	164.79	91.40	160.01	160.15
94.75	169.71	169.89	93.05	164.53	164.67	91.35	159.87	160.00
94.70	169.57	169.70	93.00	164.37	164.52	91.30	159.76	159.86
94.65	169.43	169.56	92.95	164.26	164.36	91.25	159.64	159.75
94.60	169.28	169.42	92.90	164.14	164.25	91.20	159.52	159.63
94.55	169.12	169.27	92.85	164.02	164.13	91.15	159.38	159.51
94.50	168.96	169.11	92.80	163.89	164.01	91.10	159.25	159.37
94.45	168.77	168.95	92.75	163.75	163.88	91.05	159.13	159.24
94.40	168.63	168.76	92.70	163.64	163.74	91.00	159.04	159.12
94.35	168.48	168.62	92.65	163.54	163.63	90.95	158.88	159.03
94.30	168.35	168.47	92.60	163.40	163.53	90.90	158.73	158.87
94.25	168.22	168.34	92.55	163.28	163.39	90.85	158.58	158.72
94.20	168.05	168.21	92.50	163.15	163.27	90.80	158.41	158.57
94.15	167.85	168.04	92.45	163.00	163.14	90.75	158.31	158.40
94.10	167.69	167.84	92.40	162.85	162.99	90.70	158.21	158.30
94.05	167.51	167.68	92.35	162.73	162.84	90.65	158.07	158.20
94.00	167.37	167.50	92.30	162.60	162.72	90.60	157.89	158.06
93.95	167.21	167.36	92.25	162.48	162.59	90.55	157.78	157.88
93.90	167.05	167.20	92.20	162.35	162.47	90.50	157.67	157.77
93.85	166.89	167.04	92.15	162.24	162.34	90.45	157.53	157.66
93.80	166.67	166.88	92.10	162.04	162.23	90.40	157.37	157.52
93.75	166.55	166.66	92.05	161.87	162.03	90.35	157.24	157.36
93.70	166.43	166.54	92.00	161.73	161.86	90.30	157.14	157.23
93.65	166.28	166.42	91.95	161.58	161.72	90.25	157.05	157.13
93.60	166.16	166.27	91.90	161.43	161.57	90.20	156.96	157.04
93.55	165.99	166.15	91.85	161.29	161.42	90.15	156.86	156.95
93.50	165.84	165.98	91.80	161.14	161.28	90.10	156.73	156.85



ATAR	Rar	nge	ATAR	Rai	nge	ATAR	Rar	nge
90.05	156.62	156.72	88.35	152.95	153.03	86.65	149.32	149.45
90.00	156.46	156.61	88.30	152.83	152.94	86.60	149.23	149.31
89.95	156.35	156.45	88.25	152.70	152.82	86.55	149.13	149.22
89.90	156.24	156.34	88.20	152.59	152.69	86.50	149.01	149.12
89.85	156.12	156.23	88.15	152.50	152.58	86.45	148.89	149.00
89.80	156.03	156.11	88.10	152.37	152.49	86.40	148.81	148.88
89.75	155.93	156.02	88.05	152.25	152.36	86.35	148.73	148.80
89.70	155.82	155.92	88.00	152.16	152.24	86.30	148.63	148.72
89.65	155.71	155.81	87.95	152.07	152.15	86.25	148.52	148.62
89.60	155.59	155.70	87.90	151.96	152.06	86.20	148.44	148.51
89.55	155.44	155.58	87.85	151.86	151.95	86.15	148.35	148.43
89.50	155.33	155.43	87.80	151.78	151.85	86.10	148.25	148.34
89.45	155.22	155.32	87.75	151.66	151.77	86.05	148.16	148.24
89.40	155.11	155.21	87.70	151.58	151.65	86.00	148.07	148.15
89.35	155.00	155.10	87.65	151.48	151.57	85.95	147.94	148.06
89.30	154.90	154.99	87.60	151.36	151.47	85.90	147.86	147.93
89.25	154.83	154.89	87.55	151.25	151.35	85.85	147.77	147.85
89.20	154.73	154.82	87.50	151.12	151.24	85.80	147.68	147.76
89.15	154.64	154.72	87.45	151.00	151.11	85.75	147.59	147.67
89.10	154.52	154.63	87.40	150.87	150.99	85.70	147.49	147.58
89.05	154.40	154.51	87.35	150.79	150.86	85.65	147.39	147.48
89.00	154.31	154.39	87.30	150.70	150.78	85.60	147.30	147.38
88.95	154.21	154.30	87.25	150.60	150.69	85.55	147.19	147.29
88.90	154.10	154.20	87.20	150.53	150.59	85.50	147.10	147.18
88.85	153.98	154.09	87.15	150.43	150.52	85.45	146.98	147.09
88.80	153.88	153.97	87.10	150.33	150.42	85.40	146.87	146.97
88.75	153.75	153.87	87.05	150.23	150.32	85.35	146.79	146.86
88.70	153.66	153.74	87.00	150.12	150.22	85.30	146.72	146.78
88.65	153.54	153.65	86.95	150.02	150.11	85.25	146.63	146.71
88.60	153.46	153.53	86.90	149.89	150.01	85.20	146.51	146.62
88.55	153.37	153.45	86.85	149.81	149.88	85.15	146.44	146.50
88.50	153.25	153.36	86.80	149.68	149.80	85.10	146.35	146.43
88.45	153.14	153.24	86.75	149.60	149.67	85.05	146.26	146.34
88.40	153.04	153.13	86.70	149.46	149.59	85.00	146.18	146.25



ATAR	Rar	nge	ATAR	Raı	nge	ATAR	Rar	nge
84.95	146.10	146.17	83.25	143.07	143.14	81.55	140.11	140.17
84.90	146.00	146.09	83.20	142.99	143.06	81.50	140.03	140.10
84.85	145.92	145.99	83.15	142.91	142.98	81.45	139.94	140.02
84.80	145.82	145.91	83.10	142.84	142.90	81.40	139.85	139.93
84.75	145.74	145.81	83.05	142.74	142.83	81.35	139.77	139.84
84.70	145.66	145.73	83.00	142.65	142.73	81.30	139.68	139.76
84.65	145.56	145.65	82.95	142.52	142.64	81.25	139.60	139.67
84.60	145.47	145.55	82.90	142.47	142.51	81.20	139.53	139.59
84.55	145.39	145.46	82.85	142.39	142.46	81.15	139.46	139.52
84.50	145.34	145.38	82.80	142.32	142.38	81.10	139.37	139.45
84.45	145.23	145.33	82.75	142.25	142.31	81.05	139.29	139.36
84.40	145.17	145.22	82.70	142.16	142.24	81.00	139.19	139.28
84.35	145.10	145.16	82.65	142.05	142.15	80.95	139.10	139.18
84.30	145.01	145.09	82.60	141.95	142.04	80.90	139.02	139.09
84.25	144.91	145.00	82.55	141.88	141.94	80.85	138.91	139.01
84.20	144.82	144.90	82.50	141.80	141.87	80.80	138.82	138.90
84.15	144.71	144.81	82.45	141.71	141.79	80.75	138.76	138.81
84.10	144.63	144.70	82.40	141.62	141.70	80.70	138.67	138.75
84.05	144.55	144.62	82.35	141.50	141.61	80.65	138.59	138.66
84.00	144.45	144.54	82.30	141.41	141.49	80.60	138.47	138.58
83.95	144.36	144.44	82.25	141.33	141.40	80.55	138.38	138.46
83.90	144.26	144.35	82.20	141.26	141.32	80.50	138.30	138.37
83.85	144.16	144.25	82.15	141.17	141.25	80.45	138.18	138.29
83.80	144.06	144.15	82.10	141.09	141.16	80.40	138.10	138.17
83.75	143.97	144.05	82.05	141.02	141.08	80.35	138.04	138.09
83.70	143.89	143.96	82.00	140.94	141.01	80.30	137.95	138.03
83.65	143.80	143.88	81.95	140.84	140.93	80.25	137.85	137.94
83.60	143.71	143.79	81.90	140.72	140.83	80.20	137.78	137.84
83.55	143.62	143.70	81.85	140.60	140.71	80.15	137.71	137.77
83.50	143.53	143.61	81.80	140.52	140.59	80.10	137.62	137.70
83.45	143.45	143.52	81.75	140.42	140.51	80.05	137.53	137.61
83.40	143.34	143.44	81.70	140.33	140.41	80.00	137.46	137.52
83.35	143.23	143.33	81.65	140.26	140.32	79.95	137.37	137.45
83.30	143.15	143.22	81.60	140.18	140.25	79.90	137.31	137.36



ATAR	Rar	nge	ATAR	Rai	nge	ATAR	Rai	nge
79.85	137.19	137.30	78.15	134.47	134.53	76.45	131.99	132.04
79.80	137.12	137.18	78.10	134.42	134.46	76.40	131.89	131.98
79.75	137.03	137.11	78.05	134.35	134.41	76.35	131.79	131.88
79.70	136.96	137.02	78.00	134.25	134.34	76.30	131.73	131.78
79.65	136.88	136.95	77.95	134.18	134.24	76.25	131.65	131.72
79.60	136.78	136.87	77.90	134.09	134.17	76.20	131.57	131.64
79.55	136.71	136.77	77.85	134.02	134.08	76.15	131.49	131.56
79.50	136.62	136.70	77.80	133.96	134.01	76.10	131.42	131.48
79.45	136.54	136.61	77.75	133.90	133.95	76.05	131.33	131.41
79.40	136.44	136.53	77.70	133.82	133.89	76.00	131.25	131.32
79.35	136.37	136.43	77.65	133.74	133.81	75.95	131.16	131.24
79.30	136.29	136.36	77.60	133.66	133.73	75.90	131.08	131.15
79.25	136.23	136.28	77.55	133.56	133.65	75.85	131.03	131.07
79.20	136.15	136.22	77.50	133.50	133.55	75.80	130.95	131.02
79.15	136.07	136.14	77.45	133.43	133.49	75.75	130.87	130.94
79.10	136.00	136.06	77.40	133.35	133.42	75.70	130.81	130.86
79.05	135.92	135.99	77.35	133.28	133.34	75.65	130.72	130.80
79.00	135.84	135.91	77.30	133.23	133.27	75.60	130.65	130.71
78.95	135.75	135.83	77.25	133.15	133.22	75.55	130.56	130.64
78.90	135.67	135.74	77.20	133.09	133.14	75.50	130.48	130.55
78.85	135.62	135.66	77.15	133.01	133.08	75.45	130.41	130.47
78.80	135.54	135.61	77.10	132.93	133.00	75.40	130.36	130.40
78.75	135.47	135.53	77.05	132.84	132.92	75.35	130.26	130.35
78.70	135.40	135.46	77.00	132.76	132.83	75.30	130.20	130.25
78.65	135.32	135.39	76.95	132.69	132.75	75.25	130.13	130.19
78.60	135.25	135.31	76.90	132.62	132.68	75.20	130.04	130.12
78.55	135.17	135.24	76.85	132.56	132.61	75.15	129.98	130.03
78.50	135.09	135.16	76.80	132.47	132.55	75.10	129.90	129.97
78.45	135.03	135.08	76.75	132.42	132.46	75.05	129.85	129.89
78.40	134.94	135.02	76.70	132.35	132.41	75.00	129.77	129.84
78.35	134.87	134.93	76.65	132.26	132.34	74.95	129.70	129.76
78.30	134.75	134.86	76.60	132.19	132.25	74.90	129.64	129.69
78.25	134.65	134.74	76.55	132.11	132.18	74.85	129.55	129.63
78.20	134.54	134.64	76.50	132.05	132.10	74.80	129.47	129.54



ATAR	Raı	nge	ATAR	Rai	nge	ATAR	Raı	nge
74.75	129.38	129.46	73.05	126.95	127.00	71.35	124.49	124.53
74.70	129.30	129.37	73.00	126.89	126.94	71.30	124.40	124.48
74.65	129.22	129.29	72.95	126.82	126.88	71.25	124.34	124.39
74.60	129.13	129.21	72.90	126.74	126.81	71.20	124.27	124.33
74.55	129.04	129.12	72.85	126.66	126.73	71.15	124.19	124.26
74.50	128.97	129.03	72.80	126.60	126.65	71.10	124.10	124.18
74.45	128.85	128.96	72.75	126.53	126.59	71.05	124.03	124.09
74.40	128.80	128.84	72.70	126.45	126.52	71.00	123.95	124.02
74.35	128.73	128.79	72.65	126.38	126.44	70.95	123.87	123.94
74.30	128.66	128.72	72.60	126.32	126.37	70.90	123.80	123.86
74.25	128.59	128.65	72.55	126.27	126.31	70.85	123.72	123.79
74.20	128.52	128.58	72.50	126.18	126.26	70.80	123.65	123.71
74.15	128.46	128.51	72.45	126.11	126.17	70.75	123.59	123.64
74.10	128.40	128.45	72.40	126.04	126.10	70.70	123.51	123.58
74.05	128.33	128.39	72.35	125.96	126.03	70.65	123.43	123.50
74.00	128.25	128.32	72.30	125.90	125.95	70.60	123.36	123.42
73.95	128.16	128.24	72.25	125.82	125.89	70.55	123.29	123.35
73.90	128.11	128.15	72.20	125.75	125.81	70.50	123.20	123.28
73.85	128.04	128.10	72.15	125.69	125.74	70.45	123.13	123.19
73.80	127.97	128.03	72.10	125.63	125.68	70.40	123.04	123.12
73.75	127.92	127.96	72.05	125.55	125.62	70.35	122.99	123.03
73.70	127.84	127.91	72.00	125.48	125.54	70.30	122.93	122.98
73.65	127.77	127.83	71.95	125.40	125.47	70.25	122.86	122.92
73.60	127.69	127.76	71.90	125.32	125.39	70.20	122.80	122.85
73.55	127.61	127.68	71.85	125.25	125.31	70.15	122.75	122.79
73.50	127.56	127.60	71.80	125.17	125.24	70.10	122.68	122.74
73.45	127.50	127.55	71.75	125.08	125.16	70.05	122.62	122.67
73.40	127.43	127.49	71.70	125.01	125.07	70.00	122.55	122.61
73.35	127.37	127.42	71.65	124.93	125.00	69.95	122.48	122.54
73.30	127.31	127.36	71.60	124.84	124.92	69.90	122.41	122.47
73.25	127.24	127.30	71.55	124.76	124.83	69.85	122.35	122.40
73.20	127.18	127.23	71.50	124.68	124.75	69.80	122.29	122.34
73.15	127.10	127.17	71.45	124.61	124.67	69.75	122.23	122.28
73.10	127.01	127.09	71.40	124.54	124.60	69.70	122.16	122.22



ATAR	Raı	nge	ATAR	Raı	nge	ATAR	Range	
69.65	122.08	122.15	67.95	119.75	119.79	66.25	117.48	117.53
69.60	121.99	122.07	67.90	119.70	119.74	66.20	117.41	117.47
69.55	121.92	121.98	67.85	119.64	119.69	66.15	117.36	117.40
69.50	121.85	121.91	67.80	119.57	119.63	66.10	117.29	117.35
69.45	121.78	121.84	67.75	119.48	119.56	66.05	117.24	117.28
69.40	121.71	121.77	67.70	119.42	119.47	66.00	117.17	117.23
69.35	121.66	121.70	67.65	119.37	119.41	65.95	117.11	117.16
69.30	121.59	121.65	67.60	119.29	119.36	65.90	117.04	117.10
69.25	121.51	121.58	67.55	119.22	119.28	65.85	116.96	117.03
69.20	121.42	121.50	67.50	119.17	119.21	65.80	116.91	116.95
69.15	121.35	121.41	67.45	119.13	119.16	65.75	116.86	116.90
69.10	121.31	121.34	67.40	119.03	119.12	65.70	116.80	116.85
69.05	121.26	121.30	67.35	118.96	119.02	65.65	116.73	116.79
69.00	121.19	121.25	67.30	118.90	118.95	65.60	116.67	116.72
68.95	121.14	121.18	67.25	118.82	118.89	65.55	116.62	116.66
68.90	121.09	121.13	67.20	118.76	118.81	65.50	116.54	116.61
68.85	121.01	121.08	67.15	118.68	118.75	65.45	116.46	116.53
68.80	120.94	121.00	67.10	118.61	118.67	65.40	116.40	116.45
68.75	120.87	120.93	67.05	118.55	118.60	65.35	116.34	116.39
68.70	120.80	120.86	67.00	118.49	118.54	65.30	116.28	116.33
68.65	120.72	120.79	66.95	118.41	118.48	65.25	116.22	116.27
68.60	120.66	120.71	66.90	118.36	118.40	65.20	116.15	116.21
68.55	120.58	120.65	66.85	118.31	118.35	65.15	116.09	116.14
68.50	120.54	120.57	66.80	118.26	118.30	65.10	115.99	116.08
68.45	120.47	120.53	66.75	118.20	118.25	65.05	115.92	115.98
68.40	120.39	120.46	66.70	118.14	118.19	65.00	115.84	115.91
68.35	120.30	120.38	66.65	118.07	118.13	64.95	115.79	115.83
68.30	120.23	120.29	66.60	117.99	118.06	64.90	115.73	115.78
68.25	120.16	120.22	66.55	117.94	117.98	64.85	115.67	115.72
68.20	120.08	120.15	66.50	117.84	117.93	64.80	115.62	115.66
68.15	120.01	120.07	66.45	117.76	117.83	64.75	115.54	115.61
68.10	119.93	120.00	66.40	117.69	117.75	64.70	115.47	115.53
68.05	119.86	119.92	66.35	117.64	117.68	64.65	115.40	115.46
68.00	119.80	119.85	66.30	117.54	117.63	64.60	115.32	115.39



ATAR	Raı	nge	ATAR	Rai	nge	ATAR	Raı	Range	
64.55	115.25	115.31	62.85	113.02	113.08	61.15	110.83	110.88	
64.50	115.20	115.24	62.80	112.97	113.01	61.10	110.77	110.82	
64.45	115.13	115.19	62.75	112.89	112.96	61.05	110.70	110.76	
64.40	115.07	115.12	62.70	112.83	112.88	61.00	110.64	110.69	
64.35	114.99	115.06	62.65	112.77	112.82	60.95	110.58	110.63	
64.30	114.94	114.98	62.60	112.72	112.76	60.90	110.51	110.57	
64.25	114.87	114.93	62.55	112.65	112.71	60.85	110.46	110.50	
64.20	114.79	114.86	62.50	112.58	112.64	60.80	110.40	110.45	
64.15	114.72	114.78	62.45	112.52	112.57	60.75	110.33	110.39	
64.10	114.65	114.71	62.40	112.47	112.51	60.70	110.27	110.32	
64.05	114.59	114.64	62.35	112.40	112.46	60.65	110.21	110.26	
64.00	114.52	114.58	62.30	112.33	112.39	60.60	110.16	110.20	
63.95	114.46	114.51	62.25	112.29	112.32	60.55	110.08	110.15	
63.90	114.37	114.45	62.20	112.20	112.28	60.50	110.00	110.07	
63.85	114.30	114.36	62.15	112.14	112.19	60.45	109.94	109.99	
63.80	114.24	114.29	62.10	112.08	112.13	60.40	109.87	109.93	
63.75	114.18	114.23	62.05	112.03	112.07	60.35	109.81	109.86	
63.70	114.12	114.17	62.00	111.94	112.02	60.30	109.74	109.80	
63.65	114.07	114.11	61.95	111.88	111.93	60.25	109.66	109.73	
63.60	113.99	114.06	61.90	111.82	111.87	60.20	109.59	109.65	
63.55	113.94	113.98	61.85	111.74	111.81	60.15	109.52	109.58	
63.50	113.89	113.93	61.80	111.68	111.73	60.10	109.43	109.51	
63.45	113.83	113.88	61.75	111.62	111.67	60.05	109.38	109.42	
63.40	113.76	113.82	61.70	111.55	111.61	60.00	109.31	109.37	
63.35	113.70	113.75	61.65	111.47	111.54	59.95	109.25	109.30	
63.30	113.63	113.69	61.60	111.41	111.46	59.90	109.20	109.24	
63.25	113.56	113.62	61.55	111.32	111.40	59.85	109.14	109.19	
63.20	113.49	113.55	61.50	111.25	111.31	59.80	109.08	109.13	
63.15	113.42	113.48	61.45	111.19	111.24	59.75	109.01	109.07	
63.10	113.35	113.41	61.40	111.13	111.18	59.70	108.97	109.00	
63.05	113.30	113.34	61.35	111.07	111.12	59.65	108.89	108.96	
63.00	113.23	113.29	61.30	110.99	111.06	59.60	108.82	108.88	
62.95	113.17	113.22	61.25	110.94	110.98	59.55	108.75	108.81	
62.90	113.09	113.16	61.20	110.89	110.93	59.50	108.68	108.74	



ATAR	Rar	nge	ATAR	Rai	nge	ATAR	Rai	nge
59.45	108.62	108.67	57.75	106.50	106.56	56.05	104.41	104.45
59.40	108.54	108.61	57.70	106.43	106.49	56.00	104.35	104.40
59.35	108.49	108.53	57.65	106.37	106.42	55.95	104.28	104.34
59.30	108.42	108.48	57.60	106.30	106.36	55.90	104.22	104.27
59.25	108.35	108.41	57.55	106.24	106.29	55.85	104.16	104.21
59.20	108.29	108.34	57.50	106.20	106.23	55.80	104.09	104.15
59.15	108.23	108.28	57.45	106.12	106.19	55.75	104.03	104.08
59.10	108.17	108.22	57.40	106.05	106.11	55.70	103.96	104.02
59.05	108.10	108.16	57.35	106.00	106.04	55.65	103.89	103.95
59.00	108.04	108.09	57.30	105.95	105.99	55.60	103.82	103.88
58.95	107.98	108.03	57.25	105.90	105.94	55.55	103.75	103.81
58.90	107.91	107.97	57.20	105.84	105.89	55.50	103.70	103.74
58.85	107.86	107.90	57.15	105.78	105.83	55.45	103.65	103.69
58.80	107.80	107.85	57.10	105.71	105.77	55.40	103.56	103.64
58.75	107.71	107.79	57.05	105.63	105.70	55.35	103.51	103.55
58.70	107.64	107.70	57.00	105.57	105.62	55.30	103.45	103.50
58.65	107.58	107.63	56.95	105.51	105.56	55.25	103.39	103.44
58.60	107.54	107.57	56.90	105.45	105.50	55.20	103.34	103.38
58.55	107.48	107.53	56.85	105.38	105.44	55.15	103.28	103.33
58.50	107.41	107.47	56.80	105.33	105.37	55.10	103.23	103.27
58.45	107.36	107.40	56.75	105.25	105.32	55.05	103.18	103.22
58.40	107.29	107.35	56.70	105.19	105.24	55.00	103.12	103.17
58.35	107.22	107.28	56.65	105.13	105.18	54.95	103.05	103.11
58.30	107.17	107.21	56.60	105.08	105.12	54.90	103.00	103.04
58.25	107.10	107.16	56.55	105.01	105.07	54.85	102.95	102.99
58.20	107.04	107.09	56.50	104.96	105.00	54.80	102.88	102.94
58.15	106.99	107.03	56.45	104.90	104.95	54.75	102.80	102.87
58.10	106.92	106.98	56.40	104.83	104.89	54.70	102.71	102.79
58.05	106.86	106.91	56.35	104.75	104.82	54.65	102.66	102.70
58.00	106.81	106.85	56.30	104.68	104.74	54.60	102.59	102.65
57.95	106.73	106.80	56.25	104.65	104.67	54.55	102.53	102.58
57.90	106.68	106.72	56.20	104.58	104.64	54.50	102.47	102.52
57.85	106.62	106.67	56.15	104.51	104.57	54.45	102.42	102.46
57.80	106.57	106.61	56.10	104.46	104.50	54.40	102.34	102.41



ATAR	Rar	nge	ATAR	Ran	ge	ATAR	Ran	ge
54.35	102.28	102.33	52.65	99.93	99.98	50.95	97.62	97.69
54.30	102.22	102.27	52.60	99.84	99.92	50.90	97.55	97.61
54.25	102.14	102.21	52.55	99.74	99.83	50.85	97.49	97.54
54.20	102.08	102.13	52.50	99.67	99.73	50.80	97.44	97.48
54.15	102.02	102.07	52.45	99.61	99.66	50.75	97.38	97.43
54.10	101.95	102.01	52.40	99.51	99.60	50.70	97.33	97.37
54.05	101.87	101.94	52.35	99.45	99.50	50.65	97.26	97.32
54.00	101.81	101.86	52.30	99.38	99.44	50.60	97.20	97.25
53.95	101.75	101.80	52.25	99.30	99.37	50.55	97.11	97.19
53.90	101.67	101.74	52.20	99.24	99.29	50.50	97.05	97.10
53.85	101.61	101.66	52.15	99.19	99.23	50.45	97.00	97.04
53.80	101.54	101.60	52.10	99.11	99.18	50.40	96.95	96.99
53.75	101.44	101.53	52.05	99.06	99.10	50.35	96.89	96.94
53.70	101.37	101.43	52.00	99.00	99.05	50.30	96.83	96.88
53.65	101.31	101.36	51.95	98.92	98.99	50.25	96.78	96.82
53.60	101.25	101.30	51.90	98.87	98.91	50.20	96.74	96.77
53.55	101.20	101.24	51.85	98.81	98.86	50.15	96.67	96.73
53.50	101.14	101.19	51.80	98.75	98.80	50.10	96.60	96.66
53.45	101.07	101.13	51.75	98.68	98.74	50.05	96.52	96.59
53.40	101.00	101.06	51.70	98.61	98.67	50.00	96.48	96.51
53.35	100.93	100.99	51.65	98.51	98.60	49.95	96.42	96.47
53.30	100.86	100.92	51.60	98.46	98.50	49.90	96.34	96.41
53.25	100.78	100.85	51.55	98.40	98.45	49.85	96.26	96.33
53.20	100.70	100.77	51.50	98.33	98.39	49.80	96.21	96.25
53.15	100.65	100.69	51.45	98.28	98.32	49.75	96.15	96.20
53.10	100.56	100.64	51.40	98.24	98.27	49.70	96.08	96.14
53.05	100.51	100.55	51.35	98.17	98.23	49.65	96.02	96.07
53.00	100.45	100.50	51.30	98.12	98.16	49.60	95.94	96.01
52.95	100.37	100.44	51.25	98.04	98.11	49.55	95.86	95.93
52.90	100.28	100.36	51.20	97.98	98.03	49.50	95.80	95.85
52.85	100.19	100.27	51.15	97.92	97.97	49.45	95.71	95.79
52.80	100.12	100.18	51.10	97.84	97.91	49.40	95.66	95.70
52.75	100.06	100.11	51.05	97.77	97.83	49.35	95.58	95.65
52.70	99.99	100.05	51.00	97.70	97.76	49.30	95.51	95.57



ATAR	Ran	ge	ATAR	Ran	ge	ATAR	Ran	ge
49.25	95.44	95.50	47.55	93.21	93.27	45.85	90.99	91.05
49.20	95.35	95.43	47.50	93.15	93.20	45.80	90.92	90.98
49.15	95.28	95.34	47.45	93.07	93.14	45.75	90.85	90.91
49.10	95.21	95.27	47.40	93.02	93.06	45.70	90.77	90.84
49.05	95.15	95.20	47.35	92.97	93.01	45.65	90.70	90.76
49.00	95.08	95.14	47.30	92.91	92.96	45.60	90.64	90.69
48.95	95.02	95.07	47.25	92.83	92.90	45.55	90.57	90.63
48.90	94.97	95.01	47.20	92.78	92.82	45.50	90.53	90.56
48.85	94.90	94.96	47.15	92.72	92.77	45.45	90.44	90.52
48.80	94.84	94.89	47.10	92.67	92.71	45.40	90.39	90.43
48.75	94.77	94.83	47.05	92.60	92.66	45.35	90.33	90.38
48.70	94.70	94.76	47.00	92.55	92.59	45.30	90.28	90.32
48.65	94.62	94.69	46.95	92.48	92.54	45.25	90.24	90.27
48.60	94.54	94.61	46.90	92.40	92.47	45.20	90.18	90.23
48.55	94.48	94.53	46.85	92.34	92.39	45.15	90.12	90.17
48.50	94.42	94.47	46.80	92.27	92.33	45.10	90.04	90.11
48.45	94.36	94.41	46.75	92.20	92.26	45.05	89.98	90.03
48.40	94.31	94.35	46.70	92.14	92.19	45.00	89.91	89.97
48.35	94.24	94.30	46.65	92.08	92.13	44.95	89.82	89.90
48.30	94.18	94.23	46.60	92.03	92.07	44.90	89.74	89.81
48.25	94.12	94.17	46.55	91.97	92.02	44.85	89.70	89.73
48.20	94.05	94.11	46.50	91.89	91.96	44.80	89.66	89.69
48.15	94.00	94.04	46.45	91.82	91.88	44.75	89.59	89.65
48.10	93.94	93.99	46.40	91.74	91.81	44.70	89.54	89.58
48.05	93.86	93.93	46.35	91.68	91.73	44.65	89.48	89.53
48.00	93.80	93.85	46.30	91.60	91.67	44.60	89.42	89.47
47.95	93.74	93.79	46.25	91.51	91.59	44.55	89.34	89.41
47.90	93.67	93.73	46.20	91.42	91.50	44.50	89.28	89.33
47.85	93.62	93.66	46.15	91.38	91.41	44.45	89.22	89.27
47.80	93.55	93.61	46.10	91.30	91.37	44.40	89.16	89.21
47.75	93.45	93.54	46.05	91.24	91.29	44.35	89.09	89.15
47.70	93.40	93.44	46.00	91.17	91.23	44.30	89.05	89.08
47.65	93.33	93.39	45.95	91.12	91.16	44.25	88.99	89.04
47.60	93.28	93.32	45.90	91.06	91.11	44.20	88.94	88.98



ATAR	Ran	ige	ATAR	Ra	nge	ATAR	Raı	nge
44.15	88.88	88.93	42.45	86.61	86.66	40.75	84.30	84.36
44.10	88.79	88.87	42.40	86.53	86.60	40.70	84.22	84.29
44.05	88.71	88.78	42.35	86.45	86.52	40.65	84.15	84.21
44.00	88.63	88.70	42.30	86.40	86.44	40.60	84.07	84.14
43.95	88.57	88.62	42.25	86.35	86.39	40.55	83.99	84.06
43.90	88.51	88.56	42.20	86.28	86.34	40.50	83.92	83.98
43.85	88.44	88.50	42.15	86.21	86.27	40.45	83.84	83.91
43.80	88.39	88.43	42.10	86.15	86.20	40.40	83.76	83.83
43.75	88.32	88.38	42.05	86.09	86.14	40.35	83.71	83.75
43.70	88.25	88.31	42.00	86.04	86.08	40.30	83.65	83.70
43.65	88.19	88.24	41.95	85.96	86.03	40.25	83.60	83.64
43.60	88.13	88.18	41.90	85.90	85.95	40.20	83.52	83.59
43.55	88.07	88.12	41.85	85.84	85.89	40.15	83.45	83.51
43.50	88.03	88.06	41.80	85.77	85.83	40.10	83.38	83.44
43.45	87.95	88.02	41.75	85.73	85.76	40.05	83.31	83.37
43.40	87.88	87.94	41.70	85.65	85.72	40.00	83.24	83.30
43.35	87.81	87.87	41.65	85.58	85.64	39.95	83.18	83.23
43.30	87.73	87.80	41.60	85.50	85.57	39.90	83.12	83.17
43.25	87.69	87.72	41.55	85.43	85.49	39.85	83.05	83.11
43.20	87.60	87.68	41.50	85.36	85.42	39.80	82.96	83.04
43.15	87.54	87.59	41.45	85.31	85.35	39.75	82.89	82.95
43.10	87.46	87.53	41.40	85.22	85.30	39.70	82.80	82.88
43.05	87.39	87.45	41.35	85.15	85.21	39.65	82.74	82.79
43.00	87.33	87.38	41.30	85.08	85.14	39.60	82.66	82.73
42.95	87.23	87.32	41.25	85.01	85.07	39.55	82.59	82.65
42.90	87.18	87.22	41.20	84.95	85.00	39.50	82.53	82.58
42.85	87.10	87.17	41.15	84.87	84.94	39.45	82.45	82.52
42.80	87.05	87.09	41.10	84.79	84.86	39.40	82.37	82.44
42.75	86.98	87.04	41.05	84.74	84.78	39.35	82.32	82.36
42.70	86.92	86.97	41.00	84.66	84.73	39.30	82.25	82.31
42.65	86.85	86.91	40.95	84.59	84.65	39.25	82.18	82.24
42.60	86.79	86.84	40.90	84.52	84.58	39.20	82.09	82.17
42.55	86.73	86.78	40.85	84.44	84.51	39.15	82.02	82.08
42.50	86.67	86.72	40.80	84.37	84.43	39.10	81.94	82.01



ATAR	Range		ATAR	Range		ATAR	Range	
39.05	81.88	81.93	37.35	79.52	79.57	35.65	77.14	77.21
39.00	81.82	81.87	37.30	79.44	79.51	35.60	77.04	77.13
38.95	81.76	81.81	37.25	79.36	79.43	35.55	76.97	77.03
38.90	81.66	81.75	37.20	79.31	79.35	35.50	76.85	76.96
38.85	81.58	81.65	37.15	79.25	79.30	35.45	76.75	76.84
38.80	81.51	81.57	37.10	79.19	79.24	35.40	76.67	76.74
38.75	81.42	81.50	37.05	79.14	79.18	35.35	76.61	76.66
38.70	81.35	81.41	37.00	79.07	79.13	35.30	76.53	76.60
38.65	81.28	81.34	36.95	79.01	79.06	35.25	76.46	76.52
38.60	81.23	81.27	36.90	78.94	79.00	35.20	76.42	76.45
38.55	81.16	81.22	36.85	78.87	78.93	35.15	76.34	76.41
38.50	81.06	81.15	36.80	78.77	78.86	35.10	76.28	76.33
38.45	80.99	81.05	36.75	78.70	78.76	35.05	76.19	76.27
38.40	80.90	80.98	36.70	78.62	78.69	35.00	76.12	76.18
38.35	80.84	80.89	36.65	78.55	78.61	34.95	76.06	76.11
38.30	80.77	80.83	36.60	78.48	78.54	34.90	75.99	76.05
38.25	80.69	80.76	36.55	78.41	78.47	34.85	75.91	75.98
38.20	80.61	80.68	36.50	78.34	78.40	34.80	75.80	75.90
38.15	80.56	80.60	36.45	78.25	78.33	34.75	75.72	75.79
38.10	80.50	80.55	36.40	78.20	78.24	34.70	75.61	75.71
38.05	80.44	80.49	36.35	78.13	78.19	34.65	75.56	75.60
38.00	80.36	80.43	36.30	78.06	78.12	34.60	75.49	75.55
37.95	80.30	80.35	36.25	77.99	78.05	34.55	75.42	75.48
37.90	80.23	80.29	36.20	77.92	77.98	34.50	75.34	75.41
37.85	80.17	80.22	36.15	77.84	77.91	34.45	75.28	75.33
37.80	80.10	80.16	36.10	77.76	77.83	34.40	75.20	75.27
37.75	80.04	80.09	36.05	77.70	77.75	34.35	75.10	75.19
37.70	79.96	80.03	36.00	77.64	77.69	34.30	75.02	75.09
37.65	79.91	79.95	35.95	77.56	77.63	34.25	74.96	75.01
37.60	79.84	79.90	35.90	77.51	77.55	34.20	74.87	74.95
37.55	79.78	79.83	35.85	77.42	77.50	34.15	74.79	74.86
37.50	79.71	79.77	35.80	77.37	77.41	34.10	74.73	74.78
37.45	79.64	79.70	35.75	77.27	77.36	34.05	74.69	74.72
37.40	79.58	79.63	35.70	77.22	77.26	34.00	74.57	74.68



ATAR	Ran	ge	ATAR	Raı	nge	ATAR	Raı	nge
33.95	74.52	74.56	32.60	72.46	72.52	31.25	70.44	70.51
33.90	74.44	74.51	32.55	72.40	72.45	31.20	70.36	70.43
33.85	74.36	74.43	32.50	72.33	72.39	31.15	70.28	70.35
33.80	74.31	74.35	32.45	72.26	72.32	31.10	70.24	70.27
33.75	74.21	74.30	32.40	72.17	72.25	31.05	70.18	70.23
33.70	74.15	74.20	32.35	72.11	72.16	31.00	70.15	70.17
33.65	74.03	74.14	32.30	72.01	72.10	30.95	70.11	70.14
33.60	73.93	74.02	32.25	71.97	72.00	30.90	70.06	70.10
33.55	73.88	73.92	32.20	71.90	71.96	30.85	70.01	70.05
33.50	73.81	73.87	32.15	71.80	71.89	30.80	69.98	70.00
33.45	73.71	73.80	32.10	71.73	71.79	30.75	69.86	69.97
33.40	73.66	73.70	32.05	71.67	71.72	30.70	69.80	69.85
33.35	73.60	73.65	32.00	71.58	71.66	30.65	69.74	69.79
33.30	73.52	73.59	31.95	71.52	71.57	30.60	69.67	69.73
33.25	73.48	73.51	31.90	71.46	71.51	30.55	69.61	69.66
33.20	73.42	73.47	31.85	71.41	71.45	30.50	69.50	69.60
33.15	73.35	73.41	31.80	71.37	71.40	30.45	69.44	69.49
33.10	73.28	73.34	31.75	71.31	71.36	30.40	69.39	69.43
33.05	73.23	73.27	31.70	71.26	71.30	30.35	69.32	69.38
33.00	73.15	73.22	31.65	71.19	71.25	30.30	69.26	69.31
32.95	73.08	73.14	31.60	71.08	71.18	30.25	69.20	69.25
32.90	72.99	73.07	31.55	70.93	71.07	30.20	69.13	69.19
32.85	72.90	72.98	31.50	70.87	70.92	30.15	69.08	69.12
32.80	72.81	72.89	31.45	70.78	70.86	30.10	69.03	69.07
32.75	72.73	72.80	31.40	70.70	70.77	30.05	68.95	69.02
32.70	72.61	72.72	31.35	70.61	70.69	30.00	68.87	68.94
32.65	72.53	72.60	31.30	70.52	70.60	< 30	0.00	68.86