

Looking at Samples

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This page starts with a population. The characteristics of that population are:

- Kind=Normal
- Intended mean = 500
- Intended st. dev.= 100

0 to 9	495.38	499.94	740.47	625.72	440.92	360.73	578.55	592.25	588.38	352.17
10 to 19	302.21	551.33	280.53	736.54	483.97	566.17	442.32	383.94	551.38	561.14
20 to 29	440.58	480.61	374.92	520.78	592.02	617.34	288.85	604.92	618.88	486.05
30 to 39	507.02	378.12	305.49	450.26	494.81	520.69	511.81	588.52	381.69	367.05
40 to 49	455.36	535.78	485.97	491.06	561.16	523.63	394.92	557.57	457.66	652.91
50 to 59	486.28	537.37	295.95	403.23	439.63	395.12	501.89	543.69	590.07	655.39
60 to 69	522.39	470.24	512.26	319.36	654.42	670.12	446.70	469.83	543.29	532.71
70 to 79	357.34	496.79	523.11	485.79	628.77	652.70	428.22	680.70	635.28	595.53
80 to 89	605.46	555.69	713.32	413.27	477.60	479.85	482.49	522.30	590.31	507.21
90 to 99	409.61	279.31	526.64	570.11	683.44	437.65	465.54	749.04	526.44	468.93
100 to 109	451.67	336.08	509.26	530.87	423.15	502.35	412.00	625.33	596.33	547.97
110 to 119	488.93	634.49	363.55	321.45	524.73	433.44	514.30	310.37	530.60	480.07
120 to 129	441.98	365.39	434.30	557.19	357.48	585.12	528.21	354.96	653.00	273.09
130 to 139	350.20	450.21	500.53	498.72	647.38	556.44	575.23	481.35	565.88	575.82
140 to 149	524.04	464.31	408.80	525.19	479.01	496.57	421.87	297.90	602.78	333.02
150 to 159	577.56	464.06	510.00	293.00	636.00	421.56	569.02	591.88	402.56	712.01
160 to 169	353.76	348.14	663.14	442.66	499.08	595.31	387.76	637.11	423.59	475.55
170 to 179	464.28	607.45	578.37	564.74	333.29	575.94	402.75	501.64	351.46	524.94
180 to 189	405.22	541.67	423.11	405.92	512.48	621.68	672.47	424.94	619.65	543.30
190 to 199	468.66	602.81	695.55	393.04	373.08	491.87	523.64	638.03	275.02	492.35
200 to 209	361.04	534.29	610.03	278.91	511.58	539.90	487.98	430.18	534.24	395.13
210 to 219	587.50	607.28	572.42	405.61	474.84	374.13	394.57	477.06	608.91	655.42
220 to 229	475.38	669.44	534.46	460.76	467.72	464.56	398.65	579.86	356.48	515.35
230 to 239	419.40	379.34	606.61	382.76	470.34	528.39	262.93	357.58	343.38	669.90
240 to 249	618.12	472.60	608.85	374.88	499.13	473.01	465.49	493.86	488.80	504.60
250 to 259	436.90	496.18	529.70	595.64	454.60	455.26	610.72	616.00	462.52	625.06
260 to 269	447.85	553.25	576.96	371.41	564.14	624.59	481.02	546.93	599.97	423.05
270 to 279	458.90	651.08	545.92	464.96	462.16	315.67	488.56	526.96	414.94	465.94
280 to 289	392.72	384.23	475.31	469.36	561.34	384.73	531.20	331.38	367.98	336.06
290 to 299	534.45	482.35	633.25	633.31	309.90	518.42	425.70	416.90	443.12	424.04
300 to 309	553.14	456.69	478.56	588.04	596.53	660.88	681.65	453.16	630.02	307.03
310 to 319	309.60	448.74	492.08	594.16	328.03	392.18	455.84	376.70	551.89	452.07
320 to 329	412.53	472.86	350.24	343.88	454.12	272.90	349.48	445.89	289.74	516.77
330 to 339	645.26	506.34	622.56	295.70	493.91	511.32	554.39	543.88	284.89	506.79

340 to 349	478.27	471.30	583.36	577.14	598.01	406.60	567.58	499.28	526.20	386.98
350 to 359	511.26	675.74	361.71	428.03	454.01	498.56	600.89	629.45	351.24	637.72
360 to 369	642.09	555.45	661.13	355.34	372.91	535.46	643.12	508.10	511.11	315.55
370 to 379	540.82	453.09	496.56	592.11	514.24	561.68	508.16	613.54	410.16	560.92
380 to 389	550.85	427.97	370.42	356.34	621.10	481.62	434.38	530.38	427.76	331.58
390 to 399	498.37	512.11	431.88	481.43	712.34	431.02	598.07	525.24	469.71	642.11
400 to 409	384.53	574.90	560.31	445.52	533.37	438.77	469.11	490.26	407.56	480.31
410 to 419	601.78	363.93	334.84	548.73	377.65	347.52	620.78	429.21	608.09	601.10
420 to 429	518.04	529.81	459.57	586.15	518.86	400.08	626.22	488.43	434.94	613.02
430 to 439	445.71	472.53	479.86	554.61	503.07	413.65	624.18	378.44	621.02	427.31
440 to 449	387.61	310.99	532.13	593.61	591.70	514.28	427.02	357.09	659.22	624.14
450 to 459	496.75	408.09	439.49	326.89	431.21	551.75	306.24	493.53	397.05	459.56
460 to 469	329.77	461.87	528.60	657.49	527.65	445.94	615.53	463.99	350.03	414.05
470 to 479	628.48	574.08	606.42	566.56	399.18	428.63	538.36	446.94	539.47	470.22
480 to 489	460.24	614.58	590.60	547.15	347.67	385.45	656.31	398.02	626.85	699.91
490 to 499	586.84	613.68	595.11	653.37	562.22	388.51	645.84	356.54	509.33	318.76
500 to 509	601.33	505.01	437.15	386.83	487.07	502.00	247.15	427.15	540.75	585.86
510 to 519	461.87	347.72	616.07	506.48	504.58	668.66	665.27	442.69	382.35	411.25
520 to 529	616.45	392.76	481.48	595.28	527.89	362.71	597.39	517.25	538.06	550.97
530 to 539	444.06	598.69	371.00	567.20	440.23	581.05	561.61	411.07	367.32	602.74
540 to 549	670.73	485.30	468.82	588.99	663.26	642.82	421.38	519.76	478.69	432.82
550 to 559	587.05	533.56	519.74	465.36	495.80	466.33	413.70	405.08	491.07	428.77
560 to 569	295.30	408.46	445.38	498.03	442.35	472.97	596.56	566.01	627.04	503.91
570 to 579	416.21	825.22	545.76	457.66	480.70	326.84	525.74	481.28	610.47	505.55
580 to 589	504.37	727.53	611.20	603.42	648.11	364.53	490.02	545.87	564.77	509.95
590 to 599	387.43	607.06	395.96	347.00	625.68	670.69	502.91	532.16	430.60	689.55
600 to 609	386.77	426.00	457.76	419.83	691.79	451.17	384.39	514.54	354.49	598.49
610 to 619	546.16	486.54	443.16	452.43	403.46	435.81	497.80	816.33	491.29	528.20
620 to 629	598.39	443.43	477.26	470.41	342.93	540.65	542.75	424.28	587.51	369.72
630 to 639	475.53	394.13	492.74	460.77	321.96	331.79	378.68	530.85	434.12	478.45
640 to 649	687.87	445.23	430.90	339.84	583.71	373.16	440.16	623.93	513.60	458.97
650 to 659	453.16	605.24	479.18	569.46	517.02	616.14	507.49	678.97	562.65	445.91
660 to 669	597.26	769.62	429.31	461.64	461.07	567.51	406.59	320.38	506.30	638.03
670 to 679	449.76	563.66	527.54	430.89	634.03	520.33	680.10	410.15	522.77	534.94
680 to 689	485.50	653.00	335.74	664.81	519.05	567.09	389.98	495.75	445.76	528.27
690 to 699	496.83	557.41	379.73	548.21	437.43	528.07	435.78	461.56	715.15	482.17
700 to 709	477.90	590.33	538.34	450.42	465.11	640.73	569.44	377.13	593.19	440.29
710 to 719	339.07	554.71	510.69	590.93	506.59	370.84	415.14	552.86	587.29	499.26
720 to 729	341.76	572.94	484.00	517.04	530.61	482.59	451.51	286.13	627.57	496.17
730 to 739	375.83	369.10	364.72	642.85	452.70	677.35	437.34	675.55	539.47	398.33
740 to 749	611.33	537.45	505.40	484.45	672.88	584.19	377.79	606.40	372.27	519.61
750 to 759	524.34	512.19	766.89	572.40	348.75	500.51	469.69	424.42	469.84	527.39
760 to 769	592.34	459.96	527.67	511.78	585.30	526.17	473.38	476.86	447.72	613.72

770 to 779	612.50	367.09	648.63	571.62	482.17	582.89	561.33	700.29	570.55	587.57
780 to 789	461.52	496.81	464.92	556.92	435.18	442.96	483.46	539.77	445.07	422.37
790 to 799	617.54	576.90	353.52	458.77	472.36	495.37	462.42	488.52	526.71	500.96
800 to 809	486.25	530.16	462.68	484.00	325.12	369.28	578.19	604.26	553.49	682.58
810 to 819	349.78	589.26	459.91	550.58	559.13	471.99	532.44	418.16	645.71	442.90
820 to 829	490.96	401.40	665.55	457.72	402.11	354.51	480.22	322.47	467.85	574.23
830 to 839	505.54	335.92	449.31	336.03	652.56	485.25	570.21	434.91	667.88	519.81
840 to 849	291.86	431.32	590.35	662.46	652.09	543.18	522.69	473.31	627.65	327.24
850 to 859	359.15	515.55	427.66	563.63	351.29	650.48	734.63	486.65	507.45	653.65
860 to 869	538.79	543.64	429.52	506.61	299.98	339.86	308.25	444.30	495.97	267.39
870 to 879	592.17	437.64	607.99	484.70	570.31	473.91	627.82	533.84	438.70	512.79
880 to 889	356.47	637.39	516.90	679.14	743.48	506.44	340.71	489.91	532.40	389.51
890 to 899	597.02	562.68	478.72	434.20	525.31	552.33	468.89	606.26	406.31	531.38
900 to 909	443.68	524.66	479.15	362.20	476.07	415.40	536.34	348.30	564.64	618.42
910 to 919	597.22	599.04	623.82	529.59	495.42	470.84	590.43	585.39	544.74	650.17
920 to 929	566.71	556.02	557.93	663.13	518.60	480.37	505.07	469.94	250.82	555.00
930 to 939	567.01	772.96	460.54	618.55	503.59	514.96	620.55	514.19	501.15	386.41
940 to 949	586.58	448.41	533.31	556.82	557.41	544.29	479.45	406.45	590.21	551.32
950 to 959	600.27	579.36	633.33	513.62	446.30	462.81	434.98	472.20	368.08	473.32
960 to 969	370.17	564.48	577.53	410.44	540.20	398.39	325.71	693.04	389.54	587.39
970 to 979	484.07	465.12	603.74	593.83	470.03	508.08	474.03	657.31	580.14	537.36
980 to 989	509.29	512.41	591.72	583.97	514.57	507.82	324.81	688.69	672.39	396.74
990 to 999	561.17	592.50	575.80	448.43	472.13	465.53	462.42	551.86	534.27	509.76

After generating the population we find that

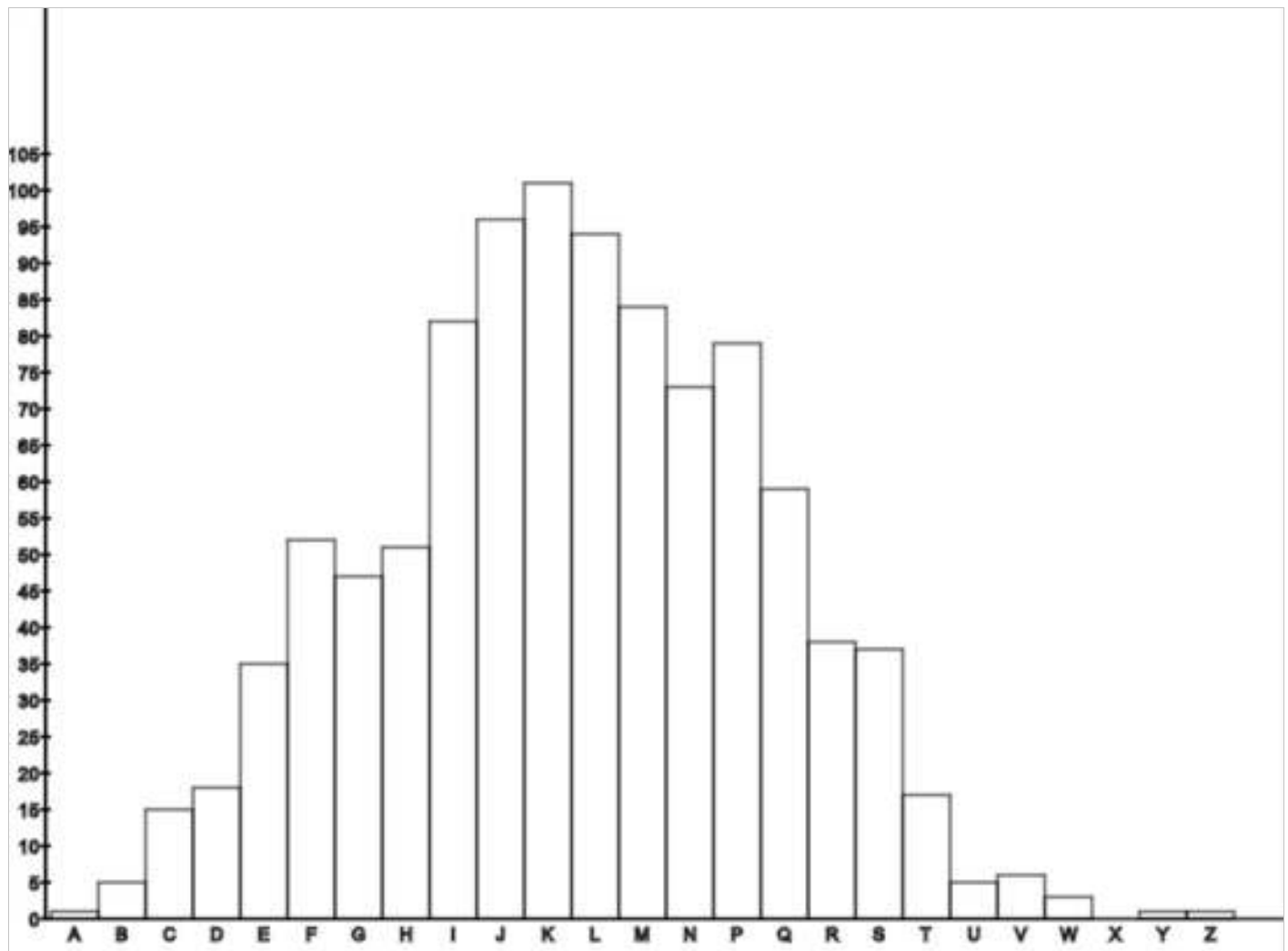
- Achieved mean = 500.00000000
- Achieved st. dev.= 100.00000000

Now we will sort the values and display them again:

0 to 9	247.15	250.82	262.93	267.39	272.90	273.09	275.02	278.91	279.31	280.53
10 to 19	284.89	286.13	288.85	289.74	291.86	293.00	295.30	295.70	295.95	297.90
20 to 29	299.98	302.21	305.49	306.24	307.03	308.25	309.60	309.90	310.37	310.99
30 to 39	315.55	315.67	318.76	319.36	320.38	321.45	321.96	322.47	324.81	325.12
40 to 49	325.71	326.84	326.89	327.24	328.03	329.77	331.38	331.58	331.79	333.02
50 to 59	333.29	334.84	335.74	335.92	336.03	336.06	336.08	339.07	339.84	339.86
60 to 69	340.71	341.76	342.93	343.38	343.88	347.00	347.52	347.67	347.72	348.14
70 to 79	348.30	348.75	349.48	349.78	350.03	350.20	350.24	351.24	351.29	351.46
80 to 89	352.17	353.52	353.76	354.49	354.51	354.96	355.34	356.34	356.47	356.48
90 to 99	356.54	357.09	357.34	357.48	357.58	359.15	360.73	361.04	361.71	362.20
100 to 109	362.71	363.55	363.93	364.53	364.72	365.39	367.05	367.09	367.32	367.98
110 to 119	368.08	369.10	369.28	369.72	370.17	370.42	370.84	371.00	371.41	372.27
120 to 129	372.91	373.08	373.16	374.13	374.88	374.92	375.83	376.70	377.13	377.65
130 to 139	377.79	378.12	378.44	378.68	379.34	379.73	381.69	382.35	382.76	383.94

140 to 149	384.23	384.39	384.53	384.73	385.45	386.41	386.77	386.83	386.98	387.43
150 to 159	387.61	387.76	388.51	389.51	389.54	389.98	392.18	392.72	392.76	393.04
160 to 169	394.13	394.57	394.92	395.12	395.13	395.96	396.74	397.05	398.02	398.33
170 to 179	398.39	398.65	399.18	400.08	401.40	402.11	402.56	402.75	403.23	403.46
180 to 189	405.08	405.22	405.61	405.92	406.31	406.45	406.59	406.60	407.56	408.09
190 to 199	408.46	408.80	409.61	410.15	410.16	410.44	411.07	411.25	412.00	412.53
200 to 209	413.27	413.65	413.70	414.05	414.94	415.14	415.40	416.21	416.90	418.16
210 to 219	419.40	419.83	421.38	421.56	421.87	422.37	423.05	423.11	423.15	423.59
220 to 229	424.04	424.28	424.42	424.94	425.70	426.00	427.02	427.15	427.31	427.66
230 to 239	427.76	427.97	428.03	428.22	428.63	428.77	429.21	429.31	429.52	430.18
240 to 249	430.60	430.89	430.90	431.02	431.21	431.32	431.88	432.82	433.44	434.12
250 to 259	434.20	434.30	434.38	434.91	434.94	434.98	435.18	435.78	435.81	436.90
260 to 269	437.15	437.34	437.43	437.64	437.65	438.70	438.77	439.49	439.63	440.16
270 to 279	440.23	440.29	440.58	440.92	441.98	442.32	442.35	442.66	442.69	442.90
280 to 289	442.96	443.12	443.16	443.43	443.68	444.06	444.30	445.07	445.23	445.38
290 to 299	445.52	445.71	445.76	445.89	445.91	445.94	446.30	446.70	446.94	447.72
300 to 309	447.85	448.41	448.43	448.74	449.31	449.76	450.21	450.26	450.42	451.17
310 to 319	451.51	451.67	452.07	452.43	452.70	453.09	453.16	453.16	454.01	454.12
320 to 329	454.60	455.26	455.36	455.84	456.69	457.66	457.66	457.72	457.76	458.77
330 to 339	458.90	458.97	459.56	459.57	459.91	459.96	460.24	460.54	460.76	460.77
340 to 349	461.07	461.52	461.56	461.64	461.87	461.87	462.16	462.42	462.42	462.52
350 to 359	462.68	462.81	463.99	464.06	464.28	464.31	464.56	464.92	464.96	465.11
360 to 369	465.12	465.36	465.49	465.53	465.54	465.94	466.33	467.72	467.85	468.66
370 to 379	468.82	468.89	468.93	469.11	469.36	469.69	469.71	469.83	469.84	469.94
380 to 389	470.03	470.22	470.24	470.34	470.41	470.84	471.30	471.99	472.13	472.20
390 to 399	472.36	472.53	472.60	472.86	472.97	473.01	473.31	473.32	473.38	473.91
400 to 409	474.03	474.84	475.31	475.38	475.53	475.55	476.07	476.86	477.06	477.26
410 to 419	477.60	477.90	478.27	478.45	478.56	478.69	478.72	479.01	479.15	479.18
420 to 429	479.45	479.85	479.86	480.07	480.22	480.31	480.37	480.61	480.70	481.02
430 to 439	481.28	481.35	481.43	481.48	481.62	482.17	482.17	482.35	482.49	482.59
440 to 449	483.46	483.97	484.00	484.00	484.07	484.45	484.70	485.25	485.30	485.50
450 to 459	485.79	485.97	486.05	486.25	486.28	486.54	486.65	487.07	487.98	488.43
460 to 469	488.52	488.56	488.80	488.93	489.91	490.02	490.26	490.96	491.06	491.07
470 to 479	491.29	491.87	492.08	492.35	492.74	493.53	493.86	493.91	494.81	495.37
480 to 489	495.38	495.42	495.75	495.80	495.97	496.17	496.18	496.56	496.57	496.75
490 to 499	496.79	496.81	496.83	497.80	498.03	498.37	498.56	498.72	499.08	499.13
500 to 509	499.26	499.28	499.94	500.51	500.53	500.96	501.15	501.64	501.89	502.00
510 to 519	502.35	502.91	503.07	503.59	503.91	504.37	504.58	504.60	505.01	505.07
520 to 529	505.40	505.54	505.55	506.30	506.34	506.44	506.48	506.59	506.61	506.79
530 to 539	507.02	507.21	507.45	507.49	507.82	508.08	508.10	508.16	509.26	509.29
540 to 549	509.33	509.76	509.95	510.00	510.69	511.11	511.26	511.32	511.58	511.78
550 to 559	511.81	512.11	512.19	512.26	512.41	512.48	512.79	513.60	513.62	514.19
560 to 569	514.24	514.28	514.30	514.54	514.57	514.96	515.35	515.55	516.77	516.90

570 to 579	517.02	517.04	517.25	518.04	518.42	518.60	518.86	519.05	519.61	519.74
580 to 589	519.76	519.81	520.33	520.69	520.78	522.30	522.39	522.69	522.77	523.11
590 to 599	523.63	523.64	524.04	524.34	524.66	524.73	524.94	525.19	525.24	525.31
600 to 609	525.74	526.17	526.20	526.44	526.64	526.71	526.96	527.39	527.54	527.65
610 to 619	527.67	527.89	528.07	528.20	528.21	528.27	528.39	528.60	529.59	529.70
620 to 629	529.81	530.16	530.38	530.60	530.61	530.85	530.87	531.20	531.38	532.13
630 to 639	532.16	532.40	532.44	532.71	533.31	533.37	533.56	533.84	534.24	534.27
640 to 649	534.29	534.45	534.46	534.94	535.46	535.78	536.34	537.36	537.37	537.45
650 to 659	538.06	538.34	538.36	538.79	539.47	539.47	539.77	539.90	540.20	540.65
660 to 669	540.75	540.82	541.67	542.75	543.18	543.29	543.30	543.64	543.69	543.88
670 to 679	544.29	544.74	545.76	545.87	545.92	546.16	546.93	547.15	547.97	548.21
680 to 689	548.73	550.58	550.85	550.97	551.32	551.33	551.38	551.75	551.86	551.89
690 to 699	552.33	552.86	553.14	553.25	553.49	554.39	554.61	554.71	555.00	555.45
700 to 709	555.69	556.02	556.44	556.82	556.92	557.19	557.41	557.41	557.57	557.93
710 to 719	559.13	560.31	560.92	561.14	561.16	561.17	561.33	561.34	561.61	561.68
720 to 729	562.22	562.65	562.68	563.63	563.66	564.14	564.48	564.64	564.74	564.77
730 to 739	565.88	566.01	566.17	566.56	566.71	567.01	567.09	567.20	567.51	567.58
740 to 749	569.02	569.44	569.46	570.11	570.21	570.31	570.55	571.62	572.40	572.42
750 to 759	572.94	574.08	574.23	574.90	575.23	575.80	575.82	575.94	576.90	576.96
760 to 769	577.14	577.53	577.56	578.19	578.37	578.55	579.36	579.86	580.14	581.05
770 to 779	582.89	583.36	583.71	583.97	584.19	585.12	585.30	585.39	585.86	586.15
780 to 789	586.58	586.84	587.05	587.29	587.39	587.50	587.51	587.57	588.04	588.38
790 to 799	588.52	588.99	589.26	590.07	590.21	590.31	590.33	590.35	590.43	590.60
800 to 809	590.93	591.70	591.72	591.88	592.02	592.11	592.17	592.25	592.34	592.50
810 to 819	593.19	593.61	593.83	594.16	595.11	595.28	595.31	595.53	595.64	596.33
820 to 829	596.53	596.56	597.02	597.22	597.26	597.39	598.01	598.07	598.39	598.49
830 to 839	598.69	599.04	599.97	600.27	600.89	601.10	601.33	601.78	602.74	602.78
840 to 849	602.81	603.42	603.74	604.26	604.92	605.24	605.46	606.26	606.40	606.42
850 to 859	606.61	607.06	607.28	607.45	607.99	608.09	608.85	608.91	610.03	610.47
860 to 869	610.72	611.20	611.33	612.50	613.02	613.54	613.68	613.72	614.58	615.53
870 to 879	616.00	616.07	616.14	616.45	617.34	617.54	618.12	618.42	618.55	618.88
880 to 889	619.65	620.55	620.78	621.02	621.10	621.68	622.56	623.82	623.93	624.14
890 to 899	624.18	624.59	625.06	625.33	625.68	625.72	626.22	626.85	627.04	627.57
900 to 909	627.65	627.82	628.48	628.77	629.45	630.02	633.25	633.31	633.33	634.03
910 to 919	634.49	635.28	636.00	637.11	637.39	637.72	638.03	638.03	640.73	642.09
920 to 929	642.11	642.82	642.85	643.12	645.26	645.71	645.84	647.38	648.11	648.63
930 to 939	650.17	650.48	651.08	652.09	652.56	652.70	652.91	653.00	653.00	653.37
940 to 949	653.65	654.42	655.39	655.42	656.31	657.31	657.49	659.22	660.88	661.13
950 to 959	662.46	663.13	663.14	663.26	664.81	665.27	665.55	667.88	668.66	669.44
960 to 969	669.90	670.12	670.69	670.73	672.39	672.47	672.88	675.55	675.74	677.35
970 to 979	678.97	679.14	680.10	680.70	681.65	682.58	683.44	687.87	688.69	689.55
980 to 989	691.79	693.04	695.55	699.91	700.29	712.01	712.34	713.32	715.15	727.53
990 to 999	734.63	736.54	740.47	743.48	749.04	766.89	769.62	772.96	816.33	825.22



Name	Interval	Freq	Name	Interval	Freq	Name	Interval	Freq	Name	Interval	Freq
A	[225.00,250.00)	1	G	[375.00,400.00)	47	M	[525.00,550.00)	84	T	[675.00,700.00)	17
B	[250.00,275.00)	5	H	[400.00,425.00)	51	N	[550.00,575.00)	73	U	[700.00,725.00)	5
C	[275.00,300.00)	15	I	[425.00,450.00)	82	P	[575.00,600.00)	79	V	[725.00,750.00)	6
D	[300.00,325.00)	18	J	[450.00,475.00)	96	Q	[600.00,625.00)	59	W	[750.00,775.00)	3
E	[325.00,350.00)	35	K	[475.00,500.00)	101	R	[625.00,650.00)	38	X	[775.00,800.00)	0
F	[350.00,375.00)	52	L	[500.00,525.00)	94	S	[650.00,675.00)	37	Y	[800.00,825.00)	1
G	[375.00,400.00)	47	M	[525.00,550.00)	84	T	[675.00,700.00)	17	Z	[825.00,850.00)	1

For starters, we will produce a histogram of the data distribution

[240.000,245.950) :

[245.950,251.900) : XX

[251.900,257.850) :

[257.850,263.800) : X

[263.800,269.750) : X

[269.750,275.700) : XXX

[275.700,281.650) : XXX
[281.650,287.600) : XX
[287.600,293.550) : XXXX
[293.550,299.500) : XXXX
[299.500,305.450) : XX
[305.450,311.400) : XXXXXXXXX
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[335.200,341.150) : XXXXXXXXX
[341.150,347.100) : XXXXX
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[394.700,400.650) : XXXXXXXXXXXXXXXX
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[418.500,424.450) : XXXXXXXXXXXXXXXX
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[466.100,472.050) : XXXXXXXXXXXXXXXXXXXX
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[573.200,579.150) : XXXXXXXXXXXXXXXXX
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[585.100,591.050) : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
[591.050,597.000) : XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
[597.000,602.950) : XXXXXXXXXXXXXXXXXXXXXXXXX
[602.950,608.900) : XXXXXXXXXXXXXXXXXXXXXXXXX
[608.900,614.850) : XXXXXXXXXXXXXXXXX
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[632.700,638.650) : XXXXXXXXXXXXXXXXX
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[644.600,650.550) : XXXXXXXXXX
[650.550,656.500) : XXXXXXXXXXXXXXXXX
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[662.450,668.400) : XXXXXXXXXX
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[674.350,680.300) : XXXXXXXXX
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[710.050,716.000) : XXXX
[716.000,721.950) :
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[733.850,739.800) : XX
[739.800,745.750) : XX
[745.750,751.700) : X
[751.700,757.650) :
[757.650,763.600) :
[763.600,769.550) : X
[769.550,775.500) : XX
[775.500,781.450) :
[781.450,787.400) :
[787.400,793.350) :
[793.350,799.300) :
[799.300,805.250) :
[805.250,811.200) :
[811.200,817.150) : X
[817.150,823.100) :

[823.100,829.050) : X

[829.050,835.000) :

Now we will embark on drawing 1000 samples of size 40 and from each such sample we will get a sample mean and a sample standard deviation, both of which we will record. Here is a display of the 1000 sample means (top value) and standard deviations (bottom value):

sample number	mean std. dev.	mean std. dev.	mean std. dev.	mean std. dev.	mean std. dev.	mean std. dev.	mean std. dev.	mean std. dev.	mean std. dev.	mean std. dev.
0 to 9	474.17 75.39	499.55 90.59	479.30 95.68	507.57 104.97	468.62 98.43	480.19 91.24	492.91 79.84	503.05 93.08	510.44 101.87	508.73 111.50
10 to 19	478.87 110.74	505.15 111.93	486.23 105.70	502.10 116.11	518.25 103.70	507.85 106.98	494.37 111.63	479.37 119.83	491.78 83.78	498.51 97.40
20 to 29	503.04 91.41	470.03 106.69	515.25 105.31	512.72 90.45	525.19 99.48	497.52 98.63	482.04 109.27	514.79 92.96	521.14 117.48	491.70 97.04
30 to 39	505.12 101.46	492.92 84.58	499.76 102.74	495.14 87.99	513.11 85.25	519.28 91.52	484.59 93.43	517.61 88.10	518.78 95.60	491.99 78.66
40 to 49	464.09 93.51	498.83 100.37	506.15 105.78	485.95 92.42	501.88 90.77	510.53 97.28	504.65 107.79	499.65 98.56	492.22 107.61	490.61 111.20
50 to 59	484.48 95.52	520.16 114.79	513.41 100.43	485.37 105.22	495.84 96.98	485.91 93.67	484.74 105.93	476.88 101.46	482.79 99.94	450.41 102.52
60 to 69	504.91 91.97	514.65 103.03	487.73 116.48	477.95 89.77	502.71 100.10	516.54 103.31	487.25 88.39	490.55 95.53	507.95 88.40	480.23 101.52
70 to 79	480.52 94.11	499.31 90.52	509.68 85.39	499.88 116.46	507.18 108.56	496.91 103.61	482.22 95.53	501.55 101.71	484.74 106.18	500.07 93.93
80 to 89	523.80 81.10	511.22 95.20	497.15 85.98	494.96 110.19	518.39 119.09	497.04 90.92	499.98 113.23	485.99 114.71	508.44 109.82	473.87 95.09
90 to 99	520.50 90.34	526.62 108.22	531.64 89.58	502.38 106.15	530.96 101.17	504.24 101.37	480.20 105.05	495.35 95.76	493.28 89.04	477.99 101.53
100 to 109	475.90 97.63	516.72 86.38	528.32 89.81	509.70 112.09	493.29 85.77	507.26 85.78	513.13 105.05	522.33 76.86	510.04 109.92	487.48 107.68
110 to 119	488.49 80.50	519.06 110.45	509.82 96.72	517.47 88.86	508.31 86.32	524.61 102.50	497.68 100.91	521.68 113.54	481.50 89.06	532.25 107.19
120 to 129	482.47 95.97	492.21 98.84	524.97 94.91	501.97 96.97	471.56 86.79	523.16 117.00	499.68 86.40	492.87 91.95	469.34 110.99	519.07 94.28
130 to 139	483.43 90.71	481.33 102.69	510.39 90.21	500.23 90.34	527.39 96.68	486.91 106.42	464.03 89.71	521.92 101.41	504.53 97.33	498.52 95.83
140 to 149	503.91 90.87	496.15 88.17	478.30 86.87	517.49 119.52	473.27 96.91	496.40 115.93	503.96 113.22	484.83 105.69	502.56 88.08	507.89 105.25
150 to 159	496.30 102.56	516.21 95.01	510.27 85.69	513.57 88.96	504.07 76.04	498.73 96.33	501.14 105.87	482.67 77.79	490.89 102.20	494.61 95.35
160 to 169	484.20 94.08	511.51 94.73	527.88 114.40	505.31 94.72	514.20 97.29	519.36 115.44	509.60 104.25	529.88 100.37	499.58 109.17	522.54 102.69
170 to 179	509.89 99.36	515.62 104.94	516.61 94.51	504.85 92.51	516.31 96.48	493.74 110.08	514.21 114.37	544.97 101.07	518.42 102.74	511.52 94.57
180 to 189	520.26 112.46	519.53 97.48	486.48 116.20	482.03 82.13	476.74 98.12	493.03 106.01	497.26 103.89	477.86 86.83	481.80 99.60	521.08 111.91
190 to 199	513.09 99.40	491.91 93.42	471.74 105.16	488.48 111.48	485.66 107.58	486.52 85.00	501.49 121.73	480.37 96.17	502.32 106.03	506.84 108.50

200 to 209	499.89 119.49	482.55 103.75	511.90 96.04	491.18 90.89	473.37 92.42	493.94 103.72	498.62 104.24	498.55 100.77	502.08 107.61	499.31 83.41
210 to 219	515.85 91.44	520.66 111.13	499.99 91.72	505.62 105.57	481.09 85.99	496.85 94.78	467.64 90.25	479.70 96.01	491.15 90.73	520.70 109.03
220 to 229	484.72 100.97	500.01 93.31	473.65 95.92	487.08 83.38	474.39 73.15	485.56 109.01	519.54 104.60	520.71 102.56	486.95 112.32	488.80 97.36
230 to 239	524.39 93.71	486.04 97.49	485.36 87.59	481.84 109.25	483.54 94.76	491.37 103.73	500.56 84.93	498.10 71.30	529.32 89.05	526.20 81.51
240 to 249	529.34 96.17	502.67 101.99	518.36 85.21	515.20 88.96	475.95 88.13	477.80 104.59	500.23 113.72	489.09 99.25	487.92 90.49	506.68 88.90
250 to 259	504.46 96.44	493.64 107.33	499.91 99.56	512.96 107.65	502.45 92.11	529.15 108.83	490.64 112.34	517.85 111.69	497.53 94.50	503.37 118.77
260 to 269	511.22 104.11	506.17 92.36	488.07 98.68	495.77 96.95	547.39 97.26	511.12 92.02	492.38 91.71	501.08 112.05	508.65 89.96	438.10 99.71
270 to 279	492.29 88.37	505.98 89.92	489.00 107.65	496.89 96.80	510.04 91.15	496.60 92.87	511.90 95.50	505.69 100.63	496.19 89.25	511.12 111.84
280 to 289	508.52 99.19	517.09 89.70	497.32 97.29	481.41 93.97	497.28 90.85	530.12 114.91	471.46 85.71	469.38 88.55	493.21 105.50	482.68 104.24
290 to 299	500.64 93.18	507.99 95.52	506.21 71.09	503.94 86.00	483.88 108.05	500.43 93.44	476.76 98.95	506.95 102.44	503.16 94.73	503.85 93.96
300 to 309	516.05 107.74	485.74 107.34	493.00 111.09	500.34 109.50	500.46 91.76	475.16 82.68	485.66 95.55	494.43 95.61	490.59 104.98	519.36 101.84
310 to 319	512.38 83.94	520.76 102.88	516.54 94.21	505.63 106.74	514.65 86.70	489.32 111.29	471.21 84.22	484.74 117.07	506.96 124.42	471.26 87.99
320 to 329	467.82 105.31	472.89 101.66	503.75 88.05	509.19 111.90	495.55 110.76	501.40 89.65	492.46 96.66	522.94 97.87	504.18 91.43	488.85 115.75
330 to 339	488.21 89.47	493.40 100.19	503.33 102.65	501.23 121.21	519.89 113.67	478.82 93.16	487.99 95.75	514.30 100.72	497.48 77.63	490.87 94.06
340 to 349	496.10 109.37	495.17 116.54	493.67 106.88	527.79 113.18	523.91 98.27	465.39 94.09	473.54 109.17	512.31 104.29	478.19 91.15	480.78 99.46
350 to 359	488.12 88.57	459.84 97.37	515.72 118.04	466.95 90.67	497.49 90.31	492.42 102.49	477.75 83.65	547.58 97.18	488.75 116.99	507.59 93.03
360 to 369	469.10 100.20	513.29 105.27	509.32 124.07	511.50 95.87	513.30 96.42	471.97 110.11	488.32 93.53	477.02 100.56	504.07 93.49	490.34 107.76
370 to 379	497.75 108.85	511.41 102.89	489.87 99.89	517.53 91.92	515.90 105.57	488.72 98.58	472.10 94.07	493.15 106.99	528.63 71.79	484.50 105.89
380 to 389	510.36 100.34	495.47 106.48	503.55 87.83	529.09 101.00	504.53 104.51	500.41 91.53	495.35 105.05	500.41 111.90	476.98 107.71	476.48 106.45
390 to 399	512.81 105.28	475.63 90.25	489.27 95.38	484.98 96.63	490.52 106.32	499.59 89.21	521.29 95.25	513.87 99.46	540.26 101.65	501.14 86.07
400 to 409	509.23 94.22	503.23 91.86	479.11 108.19	519.28 105.64	482.65 97.41	521.47 102.20	482.14 109.78	507.51 86.31	488.74 103.99	487.54 86.65
410 to 419	499.74 84.65	491.80 100.42	482.86 93.88	501.75 99.43	518.50 105.25	527.50 110.38	503.30 91.13	512.28 104.12	485.38 89.23	485.27 103.48
420 to 429	495.58 107.55	514.35 95.25	502.88 108.72	496.47 109.22	504.57 84.21	473.76 111.89	509.16 87.48	499.57 111.15	531.46 96.49	510.94 104.68
430 to 439	481.50 106.30	478.41 97.38	517.38 100.64	499.49 125.53	519.42 95.62	516.57 90.98	499.39 90.36	519.27 94.89	501.07 82.84	472.24 105.38

440 to 449	495.39 103.63	486.96 115.83	520.95 101.22	468.70 100.33	470.41 93.08	520.48 111.39	502.15 102.68	499.21 104.91	512.34 95.36	494.45 89.60
450 to 459	500.20 112.44	503.74 101.52	504.91 105.50	524.02 97.00	503.12 87.96	482.31 110.07	490.62 102.40	489.37 109.53	505.57 97.87	493.72 93.05
460 to 469	487.72 82.15	512.29 100.55	529.79 108.44	502.21 110.16	532.67 101.94	501.90 113.03	520.39 95.69	522.97 112.95	488.88 72.41	510.98 95.90
470 to 479	493.38 101.70	512.16 96.93	523.23 84.24	517.26 94.13	475.70 100.74	505.47 90.01	507.82 94.54	493.74 87.88	518.01 100.38	481.08 102.13
480 to 489	509.60 91.40	488.54 107.49	514.49 92.62	513.86 107.28	493.98 108.24	489.27 105.70	479.66 98.34	503.44 95.71	511.78 100.38	476.87 110.35
490 to 499	482.89 81.28	499.94 100.68	493.95 106.08	483.77 99.24	513.61 100.22	502.93 100.77	493.95 93.30	528.22 110.42	515.55 101.71	488.47 112.45
500 to 509	477.15 103.27	505.94 94.56	517.86 101.19	516.21 101.58	484.69 100.49	491.37 97.30	507.52 108.94	498.15 109.97	496.98 78.04	498.06 110.21
510 to 519	502.03 105.33	489.86 111.53	473.76 102.76	476.82 88.79	497.60 106.43	495.30 95.90	501.56 107.74	510.78 103.69	488.02 91.15	480.64 90.45
520 to 529	480.32 86.91	494.05 95.12	492.53 106.48	494.89 102.59	470.46 77.26	510.99 106.09	510.20 110.03	517.60 89.91	484.51 93.40	506.19 106.42
530 to 539	491.68 111.15	481.65 92.63	505.37 118.01	489.44 105.11	504.90 108.39	489.28 108.03	534.19 105.23	502.06 85.99	507.30 87.54	489.24 103.01
540 to 549	505.27 101.18	491.53 111.44	495.54 99.10	493.92 125.76	492.19 93.22	515.84 104.43	523.88 96.08	508.04 103.30	478.42 102.59	521.07 114.29
550 to 559	530.72 88.62	508.79 86.82	509.66 100.90	508.30 102.03	499.81 85.46	494.28 107.77	498.01 102.46	497.72 110.06	522.44 85.11	489.87 101.31
560 to 569	552.99 113.00	475.03 96.64	511.15 97.58	503.19 109.10	520.95 99.66	489.84 101.20	504.32 99.39	507.54 103.90	488.48 88.98	489.39 94.86
570 to 579	499.26 104.98	517.63 105.34	477.12 86.57	517.19 95.29	485.49 89.35	491.59 106.81	487.62 97.23	504.90 100.37	516.32 91.15	521.69 102.26
580 to 589	494.02 82.38	486.15 101.62	471.03 103.46	501.05 93.41	475.52 80.16	479.29 90.47	491.69 114.55	498.76 101.35	502.37 86.28	515.86 119.62
590 to 599	498.33 86.92	523.69 114.69	510.30 88.50	484.05 89.05	521.34 91.97	499.52 107.56	464.50 85.27	510.83 93.03	504.80 104.00	504.96 74.89
600 to 609	511.87 106.11	505.66 86.25	479.07 96.61	511.20 113.36	516.25 93.66	499.92 77.18	474.33 104.87	510.16 102.82	501.42 96.04	501.45 97.24
610 to 619	475.55 114.84	518.70 97.22	487.64 98.48	506.20 82.68	506.73 94.48	479.64 95.93	492.96 107.89	486.95 96.56	475.27 107.86	495.25 103.42
620 to 629	503.47 99.39	494.98 84.31	511.37 108.60	490.29 109.70	500.81 99.76	512.99 99.64	486.51 102.16	474.53 102.43	492.56 111.67	510.65 95.16
630 to 639	491.48 83.87	537.39 97.44	483.69 102.38	508.60 95.40	527.11 88.59	483.60 92.17	506.65 114.13	527.85 116.99	499.61 116.04	478.35 89.65
640 to 649	501.46 103.89	515.76 99.31	489.82 95.31	497.83 115.10	505.16 106.55	508.02 120.80	514.66 101.15	499.66 98.51	497.64 91.29	488.57 94.75
650 to 659	508.89 122.59	499.35 103.84	470.53 107.93	494.17 94.63	465.44 85.14	482.92 111.49	499.68 94.60	498.43 85.94	480.73 119.94	499.25 90.40
660 to 669	496.19 99.91	501.36 109.00	498.50 102.94	487.75 105.91	503.52 94.81	479.36 112.10	497.88 108.58	518.99 82.80	461.03 110.46	504.87 111.40
670 to 679	466.55 112.16	509.53 111.53	479.85 97.49	491.72 108.74	463.40 107.74	504.74 107.21	482.46 112.46	490.50 109.55	485.44 102.93	507.72 110.78

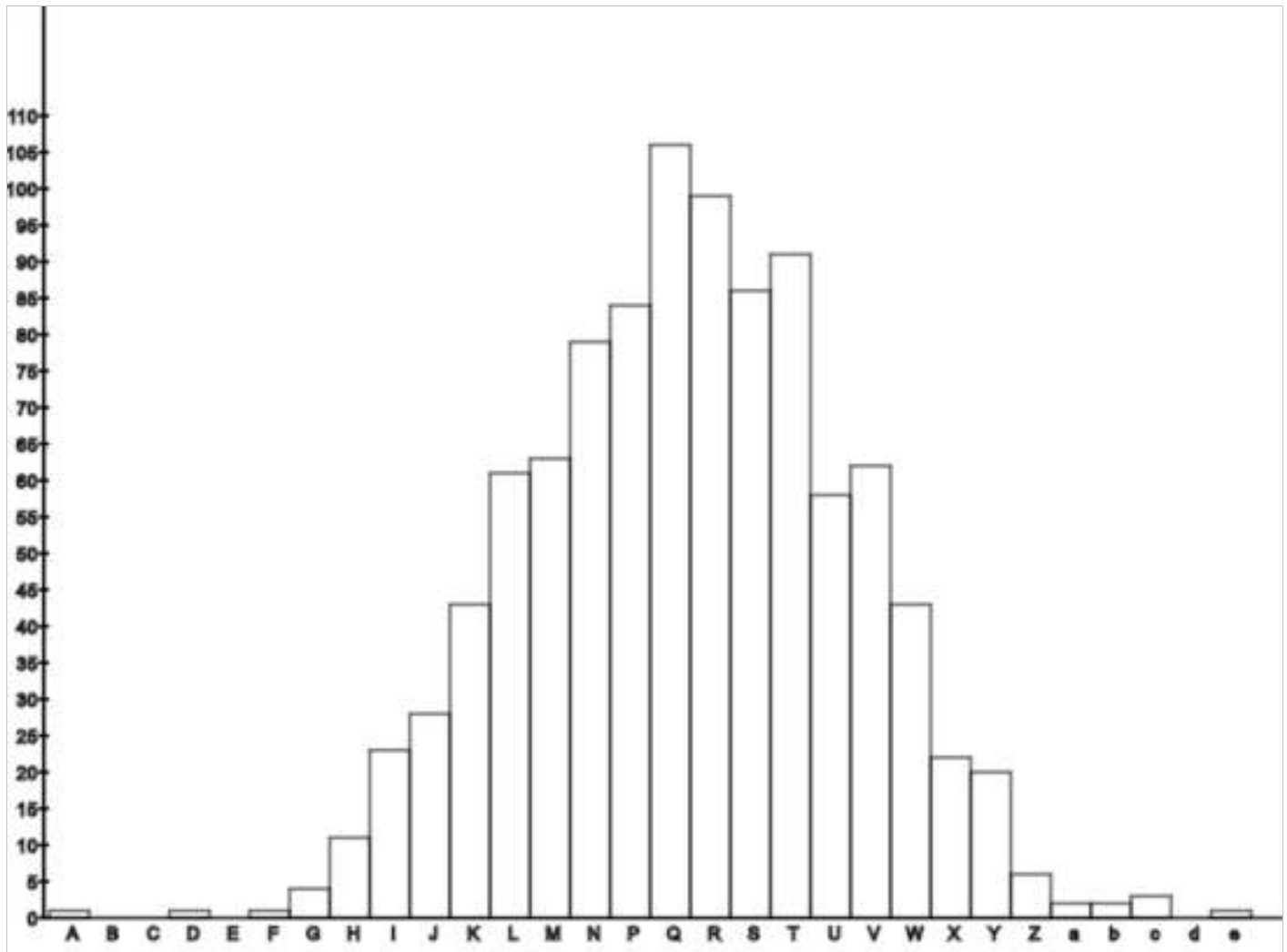
680 to 689	505.56 108.43	492.45 91.39	509.50 101.27	539.15 110.68	497.46 102.10	498.67 104.47	496.82 106.95	483.46 112.59	507.05 88.41	505.51 108.26
690 to 699	510.09 108.46	496.42 86.51	498.62 105.86	530.20 90.27	495.45 81.47	502.93 125.36	508.70 99.93	489.44 103.25	524.00 84.60	470.40 110.48
700 to 709	508.69 99.88	526.98 87.05	512.17 88.49	502.88 86.64	494.97 97.57	514.22 91.37	509.59 111.98	508.53 98.76	509.65 90.73	481.49 95.15
710 to 719	503.15 112.01	522.10 108.35	496.25 102.06	507.59 88.70	502.38 101.47	480.23 87.43	515.90 110.52	501.08 80.02	510.56 101.76	510.36 103.63
720 to 729	528.76 88.99	499.71 91.27	524.96 116.03	481.47 80.01	515.58 102.39	518.77 122.85	506.80 94.49	489.68 89.38	529.39 117.93	481.56 99.90
730 to 739	502.88 87.19	498.02 100.60	493.75 97.76	505.74 111.03	528.96 96.40	502.55 87.62	509.49 106.72	515.39 117.27	508.37 96.13	464.80 92.95
740 to 749	519.79 111.30	502.68 108.23	471.35 106.47	523.11 103.75	485.37 95.59	483.27 91.52	508.72 117.98	521.29 116.68	513.89 102.82	520.94 111.15
750 to 759	494.26 98.38	517.04 72.82	500.72 105.23	489.96 100.87	481.41 99.58	501.11 108.76	499.13 108.48	509.09 120.94	517.97 93.06	487.66 107.78
760 to 769	495.31 95.32	494.18 85.47	510.37 84.91	508.51 97.62	495.69 108.38	499.99 94.32	541.38 107.99	527.60 97.00	496.88 105.41	513.06 96.01
770 to 779	502.25 91.98	510.36 88.52	492.89 72.28	520.90 104.75	481.75 98.99	471.49 116.49	491.85 105.57	492.04 96.45	479.14 81.58	503.99 89.20
780 to 789	500.15 114.69	466.14 88.70	510.48 111.68	518.97 110.71	501.18 100.42	482.38 106.15	510.72 104.28	499.12 129.05	476.25 108.63	497.14 82.92
790 to 799	501.73 89.50	511.54 112.43	501.33 89.07	509.80 88.90	520.76 98.97	517.92 92.50	499.99 95.82	508.83 97.08	535.52 115.16	496.15 100.91
800 to 809	502.84 90.08	501.04 83.28	483.58 95.67	469.27 80.85	482.71 104.98	507.02 108.78	498.28 94.49	483.30 97.06	505.12 89.43	487.32 88.18
810 to 819	477.22 84.15	518.43 117.19	511.62 106.15	483.66 95.44	477.76 113.23	510.19 114.03	499.60 105.94	509.00 88.90	497.40 112.58	494.19 80.25
820 to 829	501.08 109.74	517.41 103.16	489.35 114.31	492.50 95.25	479.81 115.48	514.42 89.86	511.75 107.91	508.08 92.40	520.26 92.85	499.87 108.24
830 to 839	476.49 111.71	512.44 116.81	521.06 107.02	507.70 105.58	488.10 100.08	516.02 105.34	492.19 91.10	505.50 108.20	479.32 105.73	490.14 94.09
840 to 849	497.61 112.59	483.00 100.39	505.44 112.45	530.29 104.44	519.47 100.87	516.91 97.87	513.44 105.59	524.31 105.43	517.30 63.34	483.67 114.82
850 to 859	492.84 110.15	499.70 88.48	490.98 128.53	501.07 114.83	498.98 96.47	495.77 91.53	534.06 110.54	497.34 85.61	503.22 85.13	472.64 102.17
860 to 869	478.97 91.47	486.41 102.41	493.97 78.66	520.44 98.80	518.23 85.79	502.63 99.73	519.55 90.40	506.11 119.99	497.88 86.59	499.53 94.61
870 to 879	492.00 87.47	504.77 75.29	489.94 95.65	498.19 108.35	493.31 97.07	487.64 106.45	508.65 97.71	499.95 92.36	524.66 103.06	493.76 90.01
880 to 889	502.03 114.63	490.77 111.61	502.99 109.25	501.25 111.10	484.88 113.42	503.43 93.15	516.66 89.07	505.11 113.97	499.01 101.66	495.15 99.56
890 to 899	486.56 84.40	489.20 91.52	489.48 90.43	511.89 102.93	493.19 103.89	477.94 101.52	505.79 120.46	520.28 99.57	474.28 101.66	500.38 92.18
900 to 909	506.11 103.09	515.34 108.08	505.14 106.42	513.93 111.04	503.08 105.45	487.36 101.74	488.60 98.52	531.12 100.37	516.28 88.52	522.17 96.52
910 to 919	486.70 107.28	486.72 103.40	516.40 113.72	527.28 104.26	509.91 93.85	484.11 119.42	495.74 98.72	493.88 98.61	515.61 99.50	516.65 98.60

920 to 929	462.47 91.47	501.68 105.79	503.80 100.14	534.43 85.54	522.59 87.98	526.99 103.28	492.74 97.79	471.57 92.90	478.34 104.73	495.92 87.20
930 to 939	478.78 93.71	491.28 94.20	504.97 117.58	481.15 89.88	470.88 94.12	505.67 92.53	511.20 95.89	504.80 107.57	496.65 96.07	511.38 90.55
940 to 949	512.58 109.60	491.80 70.24	486.97 100.09	505.31 82.66	505.76 92.09	489.53 88.32	511.47 101.62	504.12 110.09	494.00 103.71	515.10 108.21
950 to 959	494.33 116.27	505.89 98.14	484.37 115.78	497.83 129.64	514.88 109.64	498.51 112.46	474.63 90.39	500.21 109.50	503.13 110.88	490.79 110.00
960 to 969	480.87 98.26	508.74 115.68	515.51 97.97	507.21 98.91	475.78 113.64	505.67 104.47	460.47 102.07	498.65 91.18	498.29 99.75	499.51 103.85
970 to 979	495.32 103.49	503.64 97.13	498.13 100.75	491.79 116.56	470.96 102.27	492.05 109.12	508.58 93.99	480.83 94.66	508.83 100.42	483.13 91.32
980 to 989	482.03 114.39	489.38 88.64	512.93 83.56	507.35 87.47	527.37 104.31	485.80 109.03	474.20 118.90	488.38 107.20	486.53 94.82	516.36 113.41
990 to 999	511.81 99.75	508.76 95.04	501.17 109.93	513.45 89.50	495.63 110.60	480.15 101.92	487.96 96.65	506.18 98.02	481.47 101.38	498.34 118.64

Having taken those samples we can recall or compute the

- Achieved mean of data = 500.00000000
- Mean of the mean values = 499.74176869
- Standard deviation of the mean values = 15.77990762
- Predicted standard deviation of means = 15.81138830

- Achieved standard deviation of data = 100.00000000
- Mean of the standard deviation values = 99.75006068
- Standard deviation of the standard deviation values = 10.13360245



Name	Interval	Freq	Name	Interval	Freq	Name	Interval	Freq	Name	Interval	Freq
A	[436.00,440.00)	1	I	[468.00,472.00)	23	R	[500.00,504.00)	99	Z	[532.00,536.00)	6
B	[440.00,444.00)	0	J	[472.00,476.00)	28	S	[504.00,508.00)	86	a	[536.00,540.00)	2
C	[444.00,448.00)	0	K	[476.00,480.00)	43	T	[508.00,512.00)	91	b	[540.00,544.00)	2
D	[448.00,452.00)	1	L	[480.00,484.00)	61	U	[512.00,516.00)	58	c	[544.00,548.00)	3
E	[452.00,456.00)	0	M	[484.00,488.00)	63	V	[516.00,520.00)	62	d	[548.00,552.00)	0
F	[456.00,460.00)	1	N	[488.00,492.00)	79	W	[520.00,524.00)	43	e	[552.00,556.00)	1
G	[460.00,464.00)	4	P	[492.00,496.00)	84	X	[524.00,528.00)	22			
H	[464.00,468.00)	11	Q	[496.00,500.00)	106	Y	[528.00,532.00)	20			
I	[468.00,472.00)	23	R	[500.00,504.00)	99	Z	[532.00,536.00)	6			

The lowest sample mean was 438.10047125

The highest sample mean was 552.98674775

A histogram of the sample means:

[437.000,438.560) : X

[438.560,440.120) :

[440.120,441.680) :
[441.680,443.240) :
[443.240,444.800) :
[444.800,446.360) :
[446.360,447.920) :
[447.920,449.480) :
[449.480,451.040) : X
[451.040,452.600) :
[452.600,454.160) :
[454.160,455.720) :
[455.720,457.280) :
[457.280,458.840) :
[458.840,460.400) : X
[460.400,461.960) : XX
[461.960,463.520) : XX
[463.520,465.080) : XXXX
[465.080,466.640) : XXXX
[466.640,468.200) : XXX
[468.200,469.760) : XXXXXX
[469.760,471.320) : XXXXXXXXXXXX
[471.320,472.880) : XXXXXXXXXXXX
[472.880,474.440) : XXXXXXXXXXXXXXXX
[474.440,476.000) : XXXXXXXXXXXXXXXX
[476.000,477.560) : XXXXXXXXXXXXXXXX
[477.560,479.120) : XXXXXXXXXXXXXXXXXXXX
[479.120,480.680) : XXXXXXXXXXXXXXXXXXXX
[480.680,482.240) : XXXXXXXXXXXXXXXXXXXX
[482.240,483.800) : XXXXXXXXXXXXXXXXXXXX
[483.800,485.360) : XXXXXXXXXXXXXXXXXXXX
[485.360,486.920) : XXXXXXXXXXXXXXXXXXXX
[486.920,488.480) : XXXXXXXXXXXXXXXXXXXX
[488.480,490.040) : XXXXXXXXXXXXXXXXXXXX
[490.040,491.600) : XXXXXXXXXXXXXXXXXXXX
[491.600,493.160) : XXXXXXXXXXXXXXXXXXXX
[493.160,494.720) : XXXXXXXXXXXXXXXXXXXX
[494.720,496.280) : XXXXXXXXXXXXXXXXXXXX
[496.280,497.840) : XXXXXXXXXXXXXXXXXXXX
[497.840,499.400) : XXXXXXXXXXXXXXXXXXXX
[499.400,500.960) : XXXXXXXXXXXXXXXXXXXX
[500.960,502.520) : XXXXXXXXXXXXXXXXXXXX
[502.520,504.080) : XXXXXXXXXXXXXXXXXXXX
[504.080,505.640) : XXXXXXXXXXXXXXXXXXXX
[505.640,507.200) : XXXXXXXXXXXXXXXXXXXX
[507.200,508.760) : XXXXXXXXXXXXXXXXXXXX
[508.760,510.320) : XXXXXXXXXXXXXXXXXXXX
[510.320,511.880) : XXXXXXXXXXXXXXXXXXXX

[511.880,513.440) : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
[513.440,515.000) : XXXXXXXXXXXXXXXXXXXXXXXX
[515.000,516.560) : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
[516.560,518.120) : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
[518.120,519.680) : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
[519.680,521.240) : XXXXXXXXXXXXXXXXXXXXXXXX
[521.240,522.800) : XXXXXXXXXXXXXXXX
[522.800,524.360) : XXXXXXXXXXXXXXXX
[524.360,525.920) : XXXXXX
[525.920,527.480) : XXXXXXXX
[527.480,529.040) : XXXXXXXX
[529.040,530.600) : XXXXXXXX
[530.600,532.160) : XXXXXX
[532.160,533.720) : XX
[533.720,535.280) : XXX
[535.280,536.840) : X
[536.840,538.400) : X
[538.400,539.960) : X
[539.960,541.520) : XX
[541.520,543.080) :
[543.080,544.640) :
[544.640,546.200) : X
[546.200,547.760) : XX
[547.760,549.320) :
[549.320,550.880) :
[550.880,552.440) :
[552.440,554.000) : X

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December, 2015

The modification date for this document is 12/25/2015 12:30:06