```
PRESERVE.
SET DECIMAL DOT.

GET DATA  /TYPE=TXT
  /FILE="C:\Users\dm282\Downloads\cbsemarks.csv"
  /DELIMITERS=","
  /QUALIFIER='"'
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /DATATYPEMIN PERCENTAGE=95.0
  /VARIABLES=
  Rollno AUTO
  Name AUTO
  Code1 AUTO
  Subject1 AUTO
  Theory_D AUTO
  Practical_D AUTO
  Total_D AUTO
  Percentile_E AUTO
  Grade_D AUTO
  Code2 AUTO
  Subject2 AUTO
  Theory_C AUTO
  Practical_C AUTO
  Total_C AUTO
  Percentile_D AUTO
  Grade_C AUTO
  Code3 AUTO
  Subject3 AUTO
  Theory_B AUTO
  Practical_B AUTO
  Total_B AUTO
  Percentile_C AUTO
  Grade_B AUTO
  Code4 AUTO
  Subject4 AUTO
  Theory_A AUTO
  Practical_A AUTO
  Total_A AUTO
  Percentile_B AUTO
  Grade_A AUTO
  Code5 AUTO
  Subject5 AUTO
  Theory AUTO
  Practical AUTO
```

```
  Total AUTO
  Percentile_A AUTO
  Grade AUTO
  Average AUTO
  Percentile AUTO
  PercAvg AUTO
  PercPerc AUTO
  V1 AUTO
  V2 AUTO
  V3 AUTO
  V4 AUTO
  V5 AUTO
  V6 AUTO
  V7 AUTO
  V8 AUTO
  V9 AUTO
  V10 AUTO
  V11 AUTO
  V12 AUTO
  V13 AUTO
  V14 AUTO
  V15 AUTO
  V16 AUTO
  V17 AUTO
  V18 AUTO
  V19 AUTO
  V20 AUTO
  V21 AUTO
  V22 AUTO
  V23 AUTO
  V24 AUTO
  V25 AUTO
  Result AUTO
  V26 AUTO
  /MAP.
RESTORE.
CACHE.
EXECUTE.


Data written to the working file.
68 variables and 1002879 cases written.
Variable: Rollno          Type: Number  Format : F7        One or more
values were set to system-missing.
Variable: Name            Type: String  Format : A33       One or more
values were truncated.
```

```
Variable: Code1           Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Subject1        Type: String  Format : A17       One or more
values were truncated.
Variable: Theory_D        Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Practical_D     Type: Number  Format : F2        One or more
values were set to system-missing.
Variable: Total_D         Type: Number  Format : F3
Variable: Percentile_E    Type: Number  Format : F4.1
Variable: Grade_D         Type: String  Format : A2        One or more
values were truncated.
Variable: Code2           Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Subject2        Type: String  Format : A17       One or more
values were truncated.
Variable: Theory_C        Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Practical_C     Type: Number  Format : F2        One or more
values were set to system-missing.
Variable: Total_C         Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Percentile_D    Type: Number  Format : F4.1      One or more
values were set to system-missing.
Variable: Grade_C         Type: String  Format : A2        One or more
values were truncated.
Variable: Code3           Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Subject3        Type: Number  Format : F1        One or more
values were set to system-missing.
Variable: Theory_B        Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Practical_B     Type: Number  Format : F2        One or more
values were set to system-missing.
Variable: Total_B         Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Percentile_C    Type: Number  Format : F4.1      One or more
values were set to system-missing.
Variable: Grade_B         Type: String  Format : A2        One or more
values were truncated.
Variable: Code4           Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Subject4        Type: Number  Format : F1        One or more
values were set to system-missing.
```

```
Variable: Theory_A        Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Practical_A     Type: Number  Format : F2        One or more
values were set to system-missing.
Variable: Total_A         Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Percentile_B    Type: Number  Format : F4.1      One or more
values were set to system-missing.
Variable: Grade_A         Type: String  Format : A2        One or more
values were truncated.
Variable: Code5           Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Subject5        Type: String  Format : A18       One or more
values were truncated.
Variable: Theory          Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Practical       Type: Number  Format : F2        One or more
values were set to system-missing.
Variable: Total           Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: Percentile_A    Type: Number  Format : F4.1      One or more
values were set to system-missing.
Variable: Grade           Type: String  Format : A2        One or more
values were truncated.
Variable: Average         Type: Number  Format : F5.2
Variable: Percentile      Type: Number  Format : F4.1
Variable: PercAvg         Type: Number  Format : F6.3
Variable: PercPerc        Type: Number  Format : F4.1
Variable: V1              Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: V2              Type: String  Format : A19       One or more
values were truncated.
Variable: V3              Type: String  Format : A20       One or more
values were truncated.
Variable: V4              Type: Number  Format : F2        One or more
values were set to system-missing.
Variable: V5              Type: String  Format : A4        One or more
values were truncated.
Variable: V6              Type: String  Format : A8        One or more
values were truncated.
Variable: V7              Type: Number  Format : F3        One or more
values were set to system-missing.
Variable: V8              Type: String  Format : A19       One or more
values were truncated.
```

```
Variable: V9              Type: String  Format : A13        One or more
values were truncated.
Variable: V10             Type: Number  Format : F1         One or more
values were set to system-missing.
Variable: V11             Type: String  Format : A4
Variable: V12             Type: String  Format : A2
Variable: V13             Type: Number  Format : F3         One or more
values were set to system-missing.
Variable: V14             Type: String  Format : A14        One or more
values were truncated.
Variable: V15             Type: String  Format : A22        One or more
values were truncated.
Variable: V16             Type: Number  Format : F2         One or more
values were set to system-missing.
Variable: V17             Type: String  Format : A4         One or more
values were truncated.
Variable: V18             Type: String  Format : A8         One or more
values were truncated.
Variable: V19             Type: String  Format : A19        One or more
values were truncated.
Variable: V20             Type: Number  Format : F3         One or more
values were set to system-missing.
Variable: V21             Type: String  Format : A20        One or more
values were truncated.
Variable: V22             Type: Number  Format : F3         One or more
values were set to system-missing.
Variable: V23             Type: Number  Format : F2         One or more
values were set to system-missing.
Variable: V24             Type: Number  Format : F3         One or more
values were set to system-missing.
Variable: V25             Type: String  Format : A2         One or more
values were truncated.
Variable: Result          Type: String  Format : A17        One or more
values were truncated.
Variable: V26             Type: String  Format : A17        One or more
values were truncated.

DATASET NAME DataSet5 WINDOW=FRONT.
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Total_D MISSING=LISTWISE REPO
RTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
```

```
  DATA: Total_D=col(source(s), name("Total_D"))
  GUIDE: axis(dim(1), label("Total_D"))
  GUIDE: axis(dim(2), label("Frequency"))
  SCALE: linear(dim(2), min(0), max(100))
  ELEMENT: interval(position(summary.count(bin.rect(Total_D))), shape.inter
ior(shape.square))
END GPL.

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Total1 MISSING=LISTWISE REPOR
TMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Total1=col(source(s), name("Total1"))
  GUIDE: axis(dim(1), label("Total1"))
  GUIDE: axis(dim(2), label("Frequency"))
  SCALE: linear(dim(1), min(0), max(100))
  ELEMENT: interval(position(summary.count(bin.rect(Total1))), shape.interi
or(shape.square))
END GPL.
```

Subject 1

[DataSet5] H:\Documents\cbsestats.sav

Mean = 65.91
Std. Dev. = 23.207
N = 1,002,879

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Total2 MISSING=LISTWISE REPOR
TMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Total2=col(source(s), name("Total2"))
  GUIDE: axis(dim(1), label("Total2"))
  GUIDE: axis(dim(2), label("Frequency"))
  SCALE: linear(dim(1), min(0), max(100))
  ELEMENT: interval(position(summary.count(bin.rect(Total2))), shape.interi
or(shape.square))
END GPL.
```
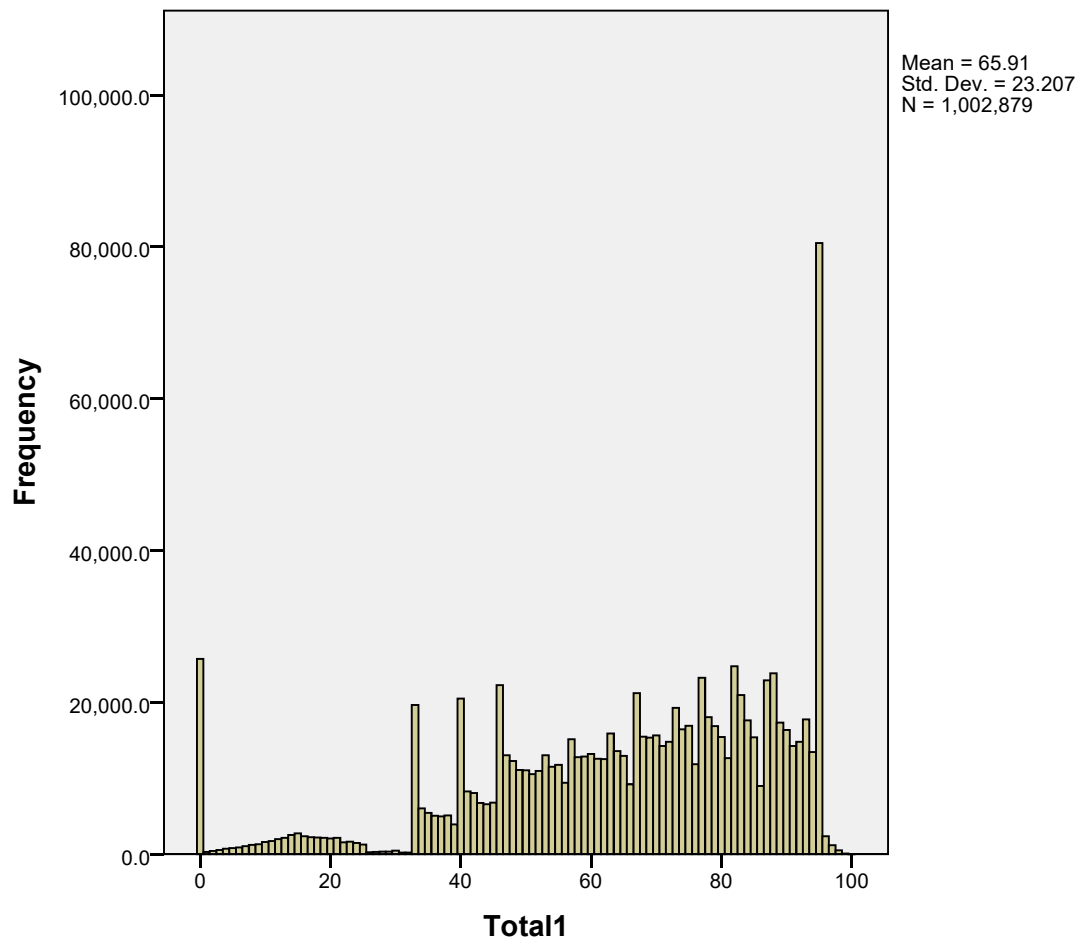
Subject 2

Mean = 60.48
Std. Dev. = 23.547
N = 976,975

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Total3 MISSING=LISTWISE REPOR
TMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Total3=col(source(s), name("Total3"))
  GUIDE: axis(dim(1), label("Total3"))
  GUIDE: axis(dim(2), label("Frequency"))
  SCALE: linear(dim(1), min(0), max(100))
  ELEMENT: interval(position(summary.count(bin.rect(Total3))), shape.interi
or(shape.square))
END GPL.
```
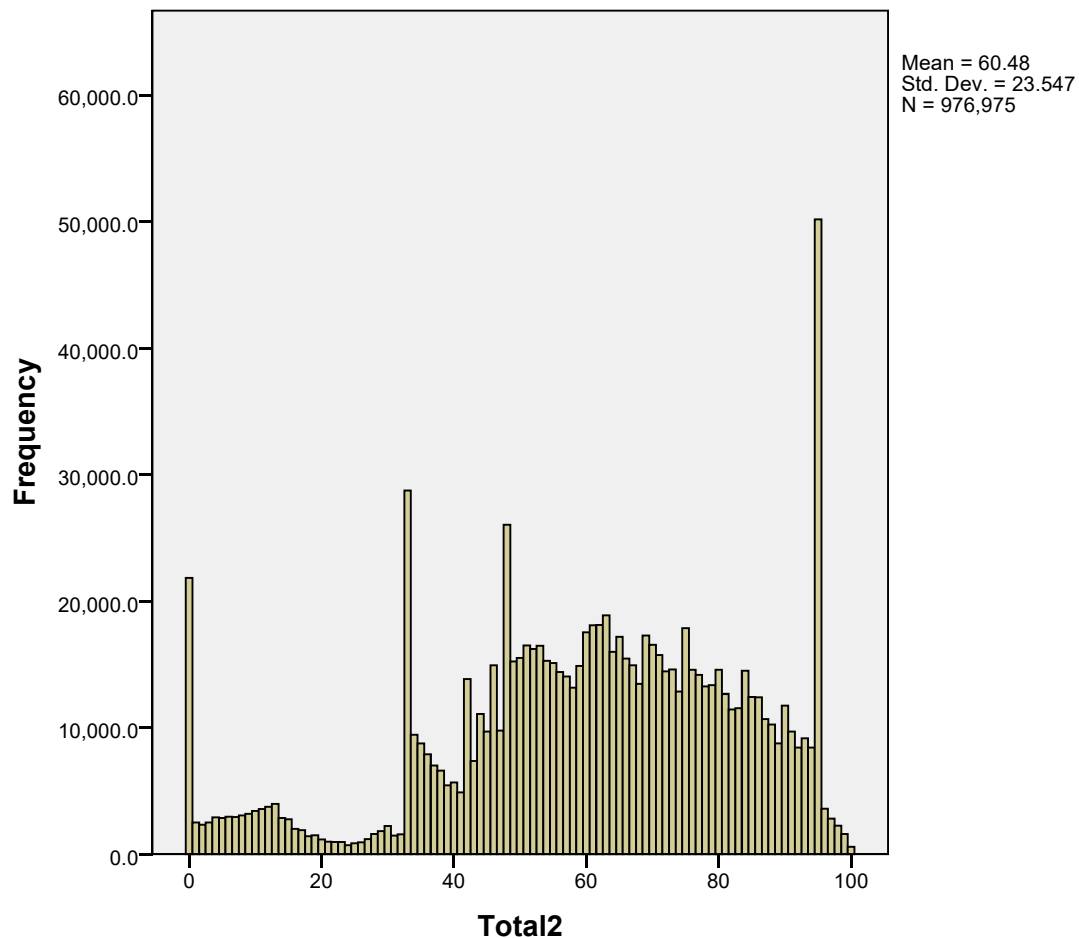
Subject 3

Mean = 62.29
Std. Dev. = 22.254
N = 972,693

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Total4 MISSING=LISTWISE REPOR
TMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Total4=col(source(s), name("Total4"))
  GUIDE: axis(dim(1), label("Total4"))
  GUIDE: axis(dim(2), label("Frequency"))
  SCALE: linear(dim(1), min(0), max(100))
  ELEMENT: interval(position(summary.count(bin.rect(Total4))), shape.interi
or(shape.square))
END GPL.
```

Subject 4

Mean = 64.12
Std. Dev. = 22.935
N = 968,193

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Total5 MISSING=LISTWISE REPOR
TMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Total5=col(source(s), name("Total5"))
  GUIDE: axis(dim(1), label("Total5"))
  GUIDE: axis(dim(2), label("Frequency"))
  SCALE: linear(dim(1), min(0), max(100))
  ELEMENT: interval(position(summary.count(bin.rect(Total5))), shape.interi
or(shape.square))
END GPL.
```
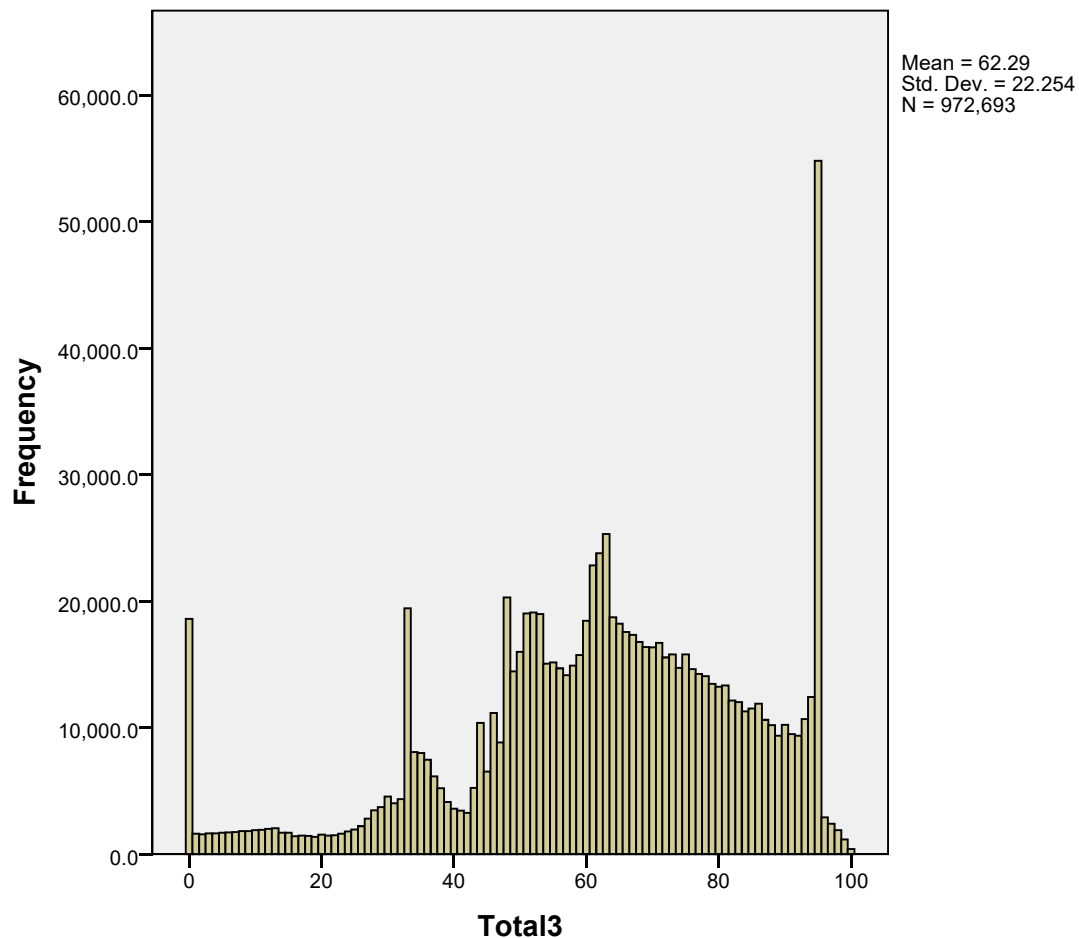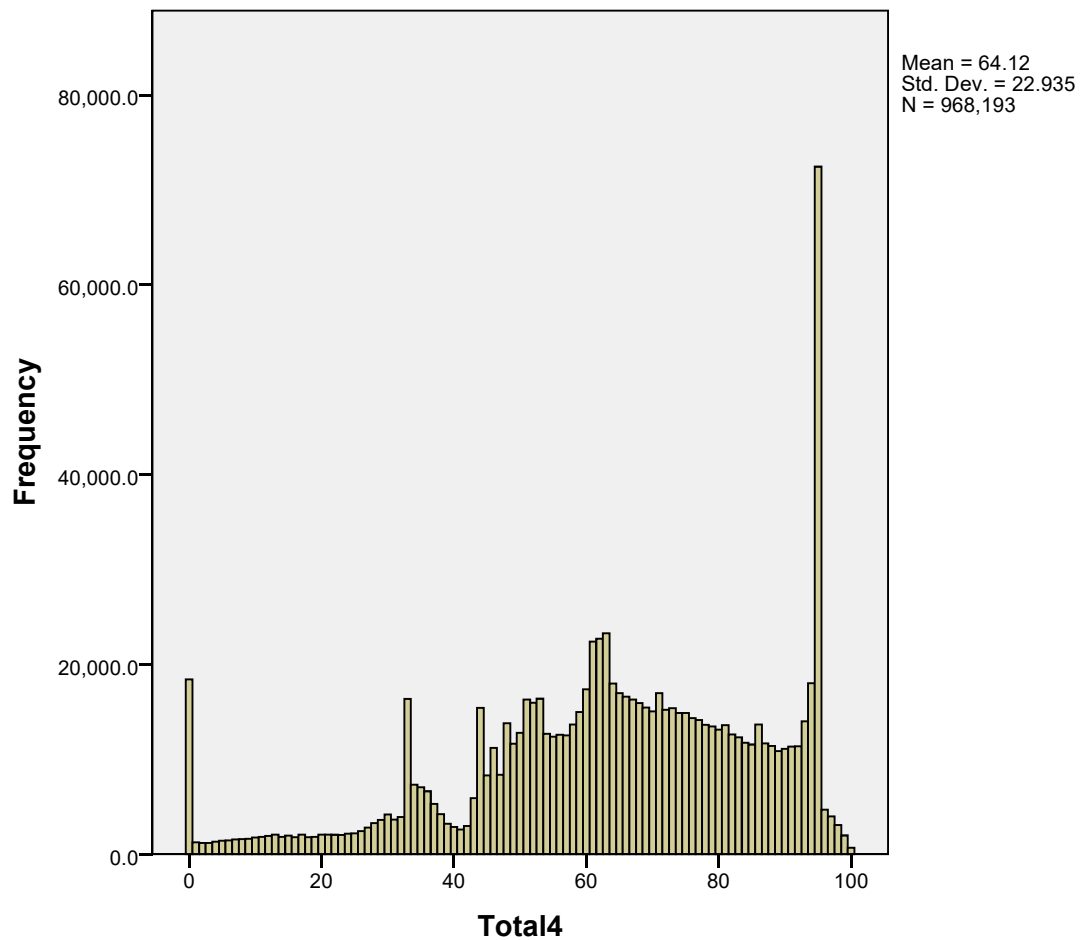
Subject 5

Mean = 66.5
Std. Dev. = 22.203
N = 972,693
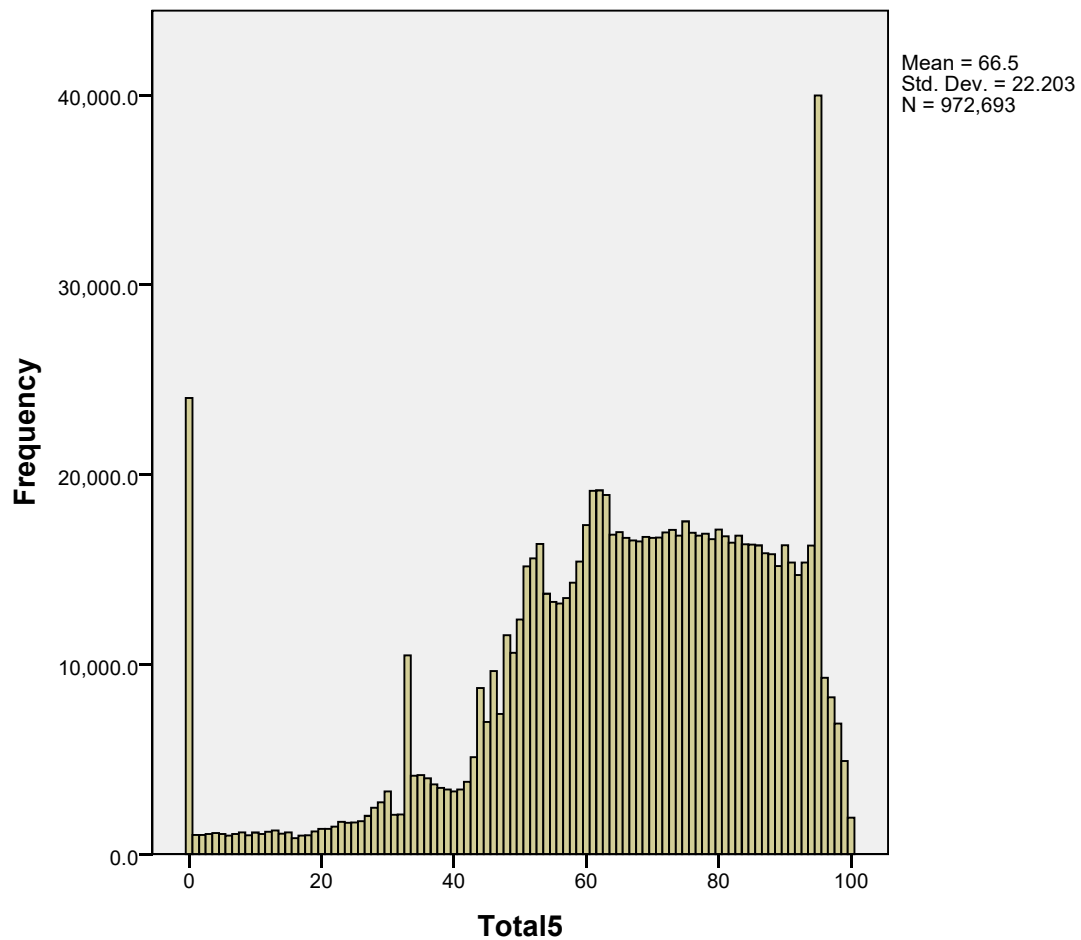
```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Average MISSING=LISTWISE REPO
RTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Average=col(source(s), name("Average"))
  GUIDE: axis(dim(1), label("Average"))
  GUIDE: axis(dim(2), label("Frequency"))
  SCALE: linear(dim(1), min(0), max(100))
  ELEMENT: interval(position(summary.count(bin.rect(Average))), shape.inter
ior(shape.square))
END GPL.
```

Average %

Mean = 63.1308
Std. Dev. = 19.88094
N = 1,002,879
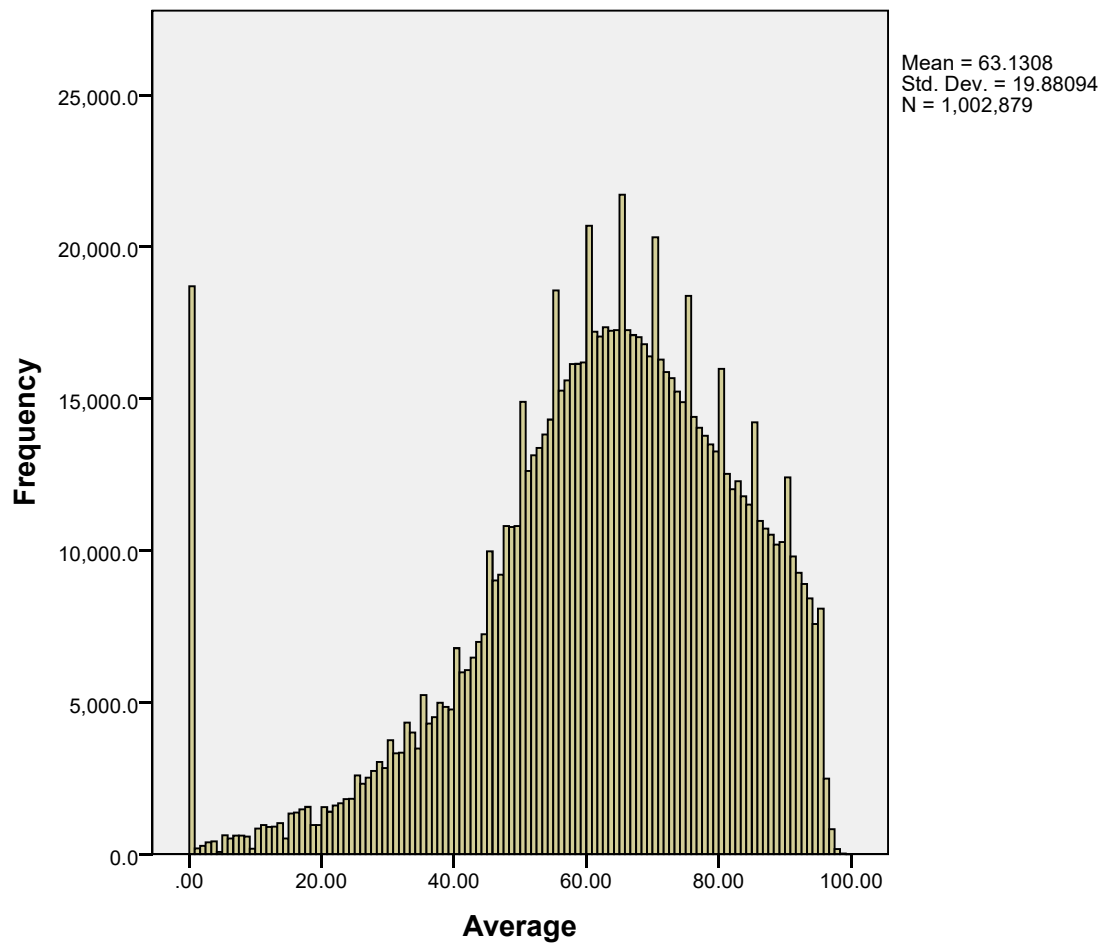
```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=PercAvg MISSING=LISTWISE REPO
RTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: PercAvg=col(source(s), name("PercAvg"))
  GUIDE: axis(dim(1), label("PercAvg"))
  GUIDE: axis(dim(2), label("Frequency"))
  SCALE: linear(dim(1), min(0), max(100))
  ELEMENT: interval(position(summary.count(bin.rect(PercAvg))), shape.inter
ior(shape.square))
END GPL.
```

PercentileAvg

Mean = 48.27836
Std. Dev. = 24.08802
N = 1,002,879
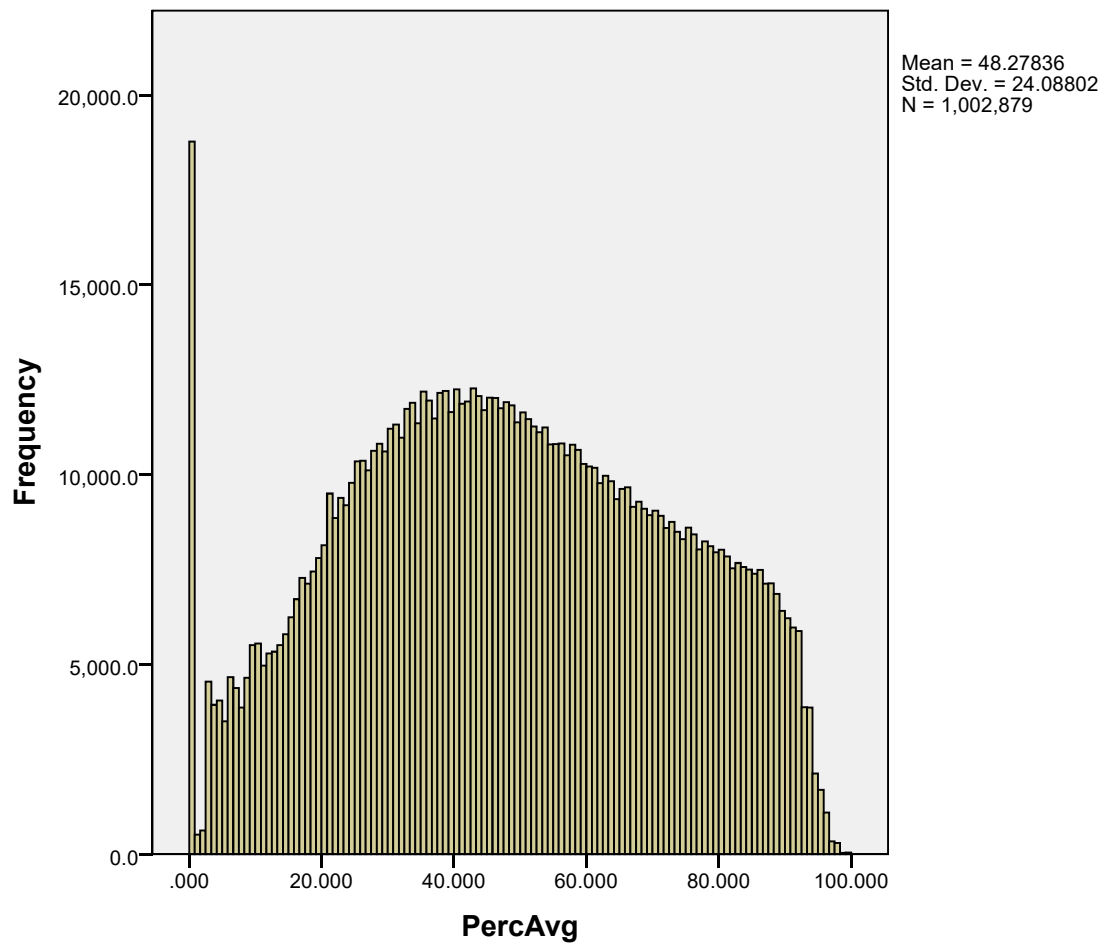
```
FREQUENCIES VARIABLES=Total1
  /STATISTICS=RANGE MINIMUM MAXIMUM STDDEV MEAN MEDIAN
  /FORMAT=NOTABLE
  /ORDER=ANALYSIS.

FREQUENCIES VARIABLES=Total1 Total2 Total3 Total4 Total5 Average PercAvg
  /ORDER=ANALYSIS.
```

Frequencies

Statistics

		Total1	Total2	Total3	Total4	Total5	Average	PercAvg
N	Valid	1002879	976975	972693	968193	972693	1002879	1002879
	Missing	0	25904	30186	34686	30186	0	0

Frequency Table

Total1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	25714	2.6	2.6	2.6
	1	287	.0	.0	2.6
	2	450	.0	.0	2.6
	3	568	.1	.1	2.7
	4	725	.1	.1	2.8
	5	798	.1	.1	2.8
	6	909	.1	.1	2.9
	7	1065	.1	.1	3.0
	8	1214	.1	.1	3.2
	9	1332	.1	.1	3.3
	10	1626	.2	.2	3.5
	11	1728	.2	.2	3.6
	12	1974	.2	.2	3.8
	13	2162	.2	.2	4.0
	14	2519	.3	.3	4.3
	15	2750	.3	.3	4.6
	16	2362	.2	.2	4.8
	17	2243	.2	.2	5.0
	18	2202	.2	.2	5.2
	19	2178	.2	.2	5.5
	20	2077	.2	.2	5.7
	21	2159	.2	.2	5.9
	22	1557	.2	.2	6.0
	23	1651	.2	.2	6.2
	24	1500	.1	.1	6.4
	25	1259	.1	.1	6.5
	26	243	.0	.0	6.5
	27	305	.0	.0	6.5
	28	360	.0	.0	6.6
	29	358	.0	.0	6.6
	30	473	.0	.0	6.7
	31	215	.0	.0	6.7
	32	237	.0	.0	6.7
	33	19642	2.0	2.0	8.7
	34	6041	.6	.6	9.3
	35	5450	.5	.5	9.8
	36	5064	.5	.5	10.3
	37	4995	.5	.5	10.8

Total1

	Frequency	Percent	Valid Percent	Cumulative Percent
38	5127	.5	.5	11.3
39	3914	.4	.4	11.7
40	20493	2.0	2.0	13.8
41	8261	.8	.8	14.6
42	8076	.8	.8	15.4
43	6750	.7	.7	16.1
44	6567	.7	.7	16.7
45	6793	.7	.7	17.4
46	22270	2.2	2.2	19.6
47	13058	1.3	1.3	20.9
48	12271	1.2	1.2	22.1
49	11104	1.1	1.1	23.2
50	11053	1.1	1.1	24.3
51	10568	1.1	1.1	25.4
52	10992	1.1	1.1	26.5
53	13035	1.3	1.3	27.8
54	11513	1.1	1.1	28.9
55	11786	1.2	1.2	30.1
56	9411	.9	.9	31.1
57	15142	1.5	1.5	32.6
58	12776	1.3	1.3	33.8
59	12852	1.3	1.3	35.1
60	13206	1.3	1.3	36.4
61	12567	1.3	1.3	37.7
62	12514	1.2	1.2	38.9
63	15905	1.6	1.6	40.5
64	13592	1.4	1.4	41.9
65	12963	1.3	1.3	43.2
66	9222	.9	.9	44.1
67	21238	2.1	2.1	46.2
68	15464	1.5	1.5	47.8
69	15370	1.5	1.5	49.3
70	15636	1.6	1.6	50.8
71	14270	1.4	1.4	52.3
72	14797	1.5	1.5	53.7
73	19293	1.9	1.9	55.7
74	16434	1.6	1.6	57.3
75	16905	1.7	1.7	59.0

Total1

	Frequency	Percent	Valid Percent	Cumulative Percent
76	11848	1.2	1.2	60.2
77	23259	2.3	2.3	62.5
78	18057	1.8	1.8	64.3
79	16864	1.7	1.7	66.0
80	15456	1.5	1.5	67.5
81	12651	1.3	1.3	68.8
82	24757	2.5	2.5	71.2
83	20956	2.1	2.1	73.3
84	17634	1.8	1.8	75.1
85	15391	1.5	1.5	76.6
86	8976	.9	.9	77.5
87	22914	2.3	2.3	79.8
88	23830	2.4	2.4	82.2
89	17351	1.7	1.7	83.9
90	16366	1.6	1.6	85.5
91	14252	1.4	1.4	87.0
92	14819	1.5	1.5	88.4
93	17777	1.8	1.8	90.2
94	13465	1.3	1.3	91.6
95	80491	8.0	8.0	99.6
96	2374	.2	.2	99.8
97	1193	.1	.1	99.9
98	516	.1	.1	100.0
99	98	.0	.0	100.0
100	4	.0	.0	100.0
Total	1002879	100.0	100.0	

Subject 2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	21832	2.2	2.2	2.2
	1	2503	.2	.3	2.5
	2	2329	.2	.2	2.7
	3	2521	.3	.3	3.0
	4	2903	.3	.3	3.3
	5	2862	.3	.3	3.6
	6	2963	.3	.3	3.9
	7	2930	.3	.3	4.2
	8	3070	.3	.3	4.5
	9	3195	.3	.3	4.8
	10	3418	.3	.3	5.2
	11	3571	.4	.4	5.5
	12	3758	.4	.4	5.9
	13	3982	.4	.4	6.3
	14	2857	.3	.3	6.6
	15	2768	.3	.3	6.9
	16	2012	.2	.2	7.1
	17	1902	.2	.2	7.3
	18	1431	.1	.1	7.5
	19	1488	.1	.2	7.6
	20	1167	.1	.1	7.7
	21	994	.1	.1	7.8
	22	968	.1	.1	7.9
	23	969	.1	.1	8.0
	24	722	.1	.1	8.1
	25	872	.1	.1	8.2
	26	942	.1	.1	8.3
	27	1197	.1	.1	8.4
	28	1601	.2	.2	8.6
	29	1826	.2	.2	8.8
	30	2227	.2	.2	9.0
	31	1468	.1	.2	9.1
	32	1562	.2	.2	9.3
	33	28756	2.9	2.9	12.2
	34	9438	.9	1.0	13.2
	35	8753	.9	.9	14.1
	36	7904	.8	.8	14.9
	37	7020	.7	.7	15.6

Subject 2

	Frequency	Percent	Valid Percent	Cumulative Percent
38	6607	.7	.7	16.3
39	5437	.5	.6	16.9
40	5667	.6	.6	17.4
41	4897	.5	.5	17.9
42	13847	1.4	1.4	19.4
43	7372	.7	.8	20.1
44	11075	1.1	1.1	21.2
45	9694	1.0	1.0	22.2
46	14933	1.5	1.5	23.8
47	9768	1.0	1.0	24.8
48	26034	2.6	2.7	27.4
49	15225	1.5	1.6	29.0
50	15522	1.5	1.6	30.6
51	16489	1.6	1.7	32.3
52	16232	1.6	1.7	33.9
53	16466	1.6	1.7	35.6
54	15284	1.5	1.6	37.2
55	15105	1.5	1.5	38.7
56	14393	1.4	1.5	40.2
57	14056	1.4	1.4	41.6
58	13152	1.3	1.3	43.0
59	14874	1.5	1.5	44.5
60	17537	1.7	1.8	46.3
61	18092	1.8	1.9	48.2
62	18110	1.8	1.9	50.0
63	18876	1.9	1.9	51.9
64	16000	1.6	1.6	53.6
65	17183	1.7	1.8	55.3
66	15471	1.5	1.6	56.9
67	14922	1.5	1.5	58.4
68	13471	1.3	1.4	59.8
69	17283	1.7	1.8	61.6
70	16541	1.6	1.7	63.3
71	15748	1.6	1.6	64.9
72	14441	1.4	1.5	66.4
73	14608	1.5	1.5	67.9
74	12859	1.3	1.3	69.2
75	17875	1.8	1.8	71.0

Subject 2

		Frequency	Percent	Valid Percent	Cumulative Percent
	76	14576	1.5	1.5	72.5
	77	14183	1.4	1.5	74.0
	78	13258	1.3	1.4	75.3
	79	13373	1.3	1.4	76.7
	80	14569	1.5	1.5	78.2
	81	12668	1.3	1.3	79.5
	82	11448	1.1	1.2	80.6
	83	11547	1.2	1.2	81.8
	84	14505	1.4	1.5	83.3
	85	12426	1.2	1.3	84.6
	86	12408	1.2	1.3	85.9
	87	10682	1.1	1.1	86.9
	88	10255	1.0	1.0	88.0
	89	8763	.9	.9	88.9
	90	11756	1.2	1.2	90.1
	91	9698	1.0	1.0	91.1
	92	8424	.8	.9	92.0
	93	9169	.9	.9	92.9
	94	8421	.8	.9	93.8
	95	50175	5.0	5.1	98.9
	96	3591	.4	.4	99.3
	97	2805	.3	.3	99.5
	98	2265	.2	.2	99.8
	99	1597	.2	.2	99.9
	100	586	.1	.1	100.0
	Total	976975	97.4	100.0	
Missing	System	25904	2.6		
Total		1002879	100.0		

Subject 3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	18606	1.9	1.9	1.9
	1	1625	.2	.2	2.1
	2	1571	.2	.2	2.2
	3	1661	.2	.2	2.4
	4	1643	.2	.2	2.6
	5	1699	.2	.2	2.8
	6	1714	.2	.2	2.9
	7	1739	.2	.2	3.1
	8	1820	.2	.2	3.3
	9	1819	.2	.2	3.5
	10	1912	.2	.2	3.7
	11	1922	.2	.2	3.9
	12	2007	.2	.2	4.1
	13	2058	.2	.2	4.3
	14	1689	.2	.2	4.5
	15	1698	.2	.2	4.6
	16	1421	.1	.1	4.8
	17	1476	.1	.2	4.9
	18	1438	.1	.1	5.1
	19	1374	.1	.1	5.2
	20	1548	.2	.2	5.4
	21	1461	.1	.2	5.5
	22	1492	.1	.2	5.7
	23	1612	.2	.2	5.9
	24	1798	.2	.2	6.0
	25	1945	.2	.2	6.2
	26	2219	.2	.2	6.5
	27	2818	.3	.3	6.8
	28	3477	.3	.4	7.1
	29	3728	.4	.4	7.5
	30	4554	.5	.5	8.0
	31	4030	.4	.4	8.4
	32	4350	.4	.4	8.8
	33	19447	1.9	2.0	10.8
	34	8067	.8	.8	11.7
	35	8012	.8	.8	12.5
	36	7460	.7	.8	13.3
	37	6153	.6	.6	13.9

Subject 3

	Frequency	Percent	Valid Percent	Cumulative Percent
38	5207	.5	.5	14.4
39	4125	.4	.4	14.8
40	3593	.4	.4	15.2
41	3449	.3	.4	15.6
42	3269	.3	.3	15.9
43	5254	.5	.5	16.4
44	10387	1.0	1.1	17.5
45	6536	.7	.7	18.2
46	11166	1.1	1.1	19.3
47	8836	.9	.9	20.2
48	20299	2.0	2.1	22.3
49	14447	1.4	1.5	23.8
50	16004	1.6	1.6	25.5
51	19030	1.9	2.0	27.4
52	19113	1.9	2.0	29.4
53	18977	1.9	2.0	31.3
54	15058	1.5	1.5	32.9
55	15168	1.5	1.6	34.4
56	14692	1.5	1.5	35.9
57	14154	1.4	1.5	37.4
58	14901	1.5	1.5	38.9
59	15752	1.6	1.6	40.6
60	18460	1.8	1.9	42.5
61	22838	2.3	2.3	44.8
62	23781	2.4	2.4	47.2
63	25303	2.5	2.6	49.8
64	18722	1.9	1.9	51.8
65	18216	1.8	1.9	53.6
66	17568	1.8	1.8	55.5
67	17337	1.7	1.8	57.2
68	16777	1.7	1.7	59.0
69	16375	1.6	1.7	60.6
70	16341	1.6	1.7	62.3
71	16712	1.7	1.7	64.0
72	15552	1.6	1.6	65.6
73	15782	1.6	1.6	67.3
74	14726	1.5	1.5	68.8
75	15797	1.6	1.6	70.4

Subject 3

		Frequency	Percent	Valid Percent	Cumulative Percent
	76	14637	1.5	1.5	71.9
	77	14252	1.4	1.5	73.4
	78	14062	1.4	1.4	74.8
	79	13471	1.3	1.4	76.2
	80	13233	1.3	1.4	77.6
	81	13336	1.3	1.4	78.9
	82	12143	1.2	1.2	80.2
	83	12033	1.2	1.2	81.4
	84	11296	1.1	1.2	82.6
	85	11522	1.1	1.2	83.8
	86	11908	1.2	1.2	85.0
	87	10619	1.1	1.1	86.1
	88	10210	1.0	1.0	87.1
	89	9378	.9	1.0	88.1
	90	10218	1.0	1.1	89.1
	91	9500	.9	1.0	90.1
	92	9377	.9	1.0	91.1
	93	10689	1.1	1.1	92.2
	94	12427	1.2	1.3	93.5
	95	54817	5.5	5.6	99.1
	96	2913	.3	.3	99.4
	97	2413	.2	.2	99.6
	98	1900	.2	.2	99.8
	99	1161	.1	.1	100.0
	100	411	.0	.0	100.0
	Total	972693	97.0	100.0	
Missing	System	30186	3.0		
Total		1002879	100.0		

Subject 4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	18439	1.8	1.9	1.9
	1	1251	.1	.1	2.0
	2	1179	.1	.1	2.2
	3	1203	.1	.1	2.3
	4	1324	.1	.1	2.4
	5	1423	.1	.1	2.6
	6	1441	.1	.1	2.7
	7	1555	.2	.2	2.9
	8	1578	.2	.2	3.0
	9	1637	.2	.2	3.2
	10	1758	.2	.2	3.4
	11	1821	.2	.2	3.6
	12	1931	.2	.2	3.8
	13	2078	.2	.2	4.0
	14	1844	.2	.2	4.2
	15	1948	.2	.2	4.4
	16	1810	.2	.2	4.6
	17	2079	.2	.2	4.8
	18	1799	.2	.2	5.0
	19	1826	.2	.2	5.2
	20	2051	.2	.2	5.4
	21	2062	.2	.2	5.6
	22	2048	.2	.2	5.8
	23	2042	.2	.2	6.0
	24	2176	.2	.2	6.2
	25	2194	.2	.2	6.5
	26	2424	.2	.3	6.7
	27	2799	.3	.3	7.0
	28	3277	.3	.3	7.3
	29	3603	.4	.4	7.7
	30	4199	.4	.4	8.1
	31	3657	.4	.4	8.5
	32	3921	.4	.4	8.9
	33	16360	1.6	1.7	10.6
	34	7314	.7	.8	11.4
	35	7066	.7	.7	12.1
	36	6635	.7	.7	12.8
	37	5301	.5	.5	13.3

Subject 4

	Frequency	Percent	Valid Percent	Cumulative Percent
38	4224	.4	.4	13.8
39	3225	.3	.3	14.1
40	2871	.3	.3	14.4
41	2605	.3	.3	14.7
42	2987	.3	.3	15.0
43	5921	.6	.6	15.6
44	15411	1.5	1.6	17.2
45	8296	.8	.9	18.0
46	11216	1.1	1.2	19.2
47	8388	.8	.9	20.1
48	13820	1.4	1.4	21.5
49	11649	1.2	1.2	22.7
50	12789	1.3	1.3	24.0
51	16293	1.6	1.7	25.7
52	15971	1.6	1.6	27.3
53	16384	1.6	1.7	29.0
54	12700	1.3	1.3	30.3
55	12386	1.2	1.3	31.6
56	12575	1.3	1.3	32.9
57	12523	1.2	1.3	34.2
58	13660	1.4	1.4	35.6
59	14971	1.5	1.5	37.2
60	17392	1.7	1.8	39.0
61	22417	2.2	2.3	41.3
62	22720	2.3	2.3	43.6
63	23272	2.3	2.4	46.0
64	17976	1.8	1.9	47.9
65	16965	1.7	1.8	49.6
66	16609	1.7	1.7	51.4
67	16297	1.6	1.7	53.0
68	15932	1.6	1.6	54.7
69	15441	1.5	1.6	56.3
70	15062	1.5	1.6	57.8
71	16969	1.7	1.8	59.6
72	15215	1.5	1.6	61.2
73	15398	1.5	1.6	62.8
74	14870	1.5	1.5	64.3
75	14881	1.5	1.5	65.8

Subject 4

		Frequency	Percent	Valid Percent	Cumulative Percent
	76	14329	1.4	1.5	67.3
	77	14142	1.4	1.5	68.8
	78	13631	1.4	1.4	70.2
	79	13458	1.3	1.4	71.6
	80	13123	1.3	1.4	72.9
	81	13601	1.4	1.4	74.3
	82	12607	1.3	1.3	75.6
	83	12318	1.2	1.3	76.9
	84	11752	1.2	1.2	78.1
	85	11561	1.2	1.2	79.3
	86	13671	1.4	1.4	80.7
	87	11673	1.2	1.2	81.9
	88	11414	1.1	1.2	83.1
	89	10881	1.1	1.1	84.2
	90	11094	1.1	1.1	85.4
	91	11326	1.1	1.2	86.5
	92	11377	1.1	1.2	87.7
	93	14018	1.4	1.4	89.2
	94	18014	1.8	1.9	91.0
	95	72451	7.2	7.5	98.5
	96	4683	.5	.5	99.0
	97	4002	.4	.4	99.4
	98	3072	.3	.3	99.7
	99	1980	.2	.2	99.9
	100	681	.1	.1	100.0
	Total	968193	96.5	100.0	
Missing	System	34686	3.5		
Total		1002879	100.0		

Subject 5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	24043	2.4	2.5	2.5
	1	1009	.1	.1	2.6
	2	1011	.1	.1	2.7
	3	1061	.1	.1	2.8
	4	1118	.1	.1	2.9
	5	1060	.1	.1	3.0
	6	982	.1	.1	3.1
	7	1070	.1	.1	3.2
	8	1153	.1	.1	3.3
	9	995	.1	.1	3.4
	10	1142	.1	.1	3.6
	11	1066	.1	.1	3.7
	12	1179	.1	.1	3.8
	13	1252	.1	.1	3.9
	14	1088	.1	.1	4.0
	15	1147	.1	.1	4.2
	16	839	.1	.1	4.2
	17	983	.1	.1	4.3
	18	1004	.1	.1	4.4
	19	1201	.1	.1	4.6
	20	1328	.1	.1	4.7
	21	1334	.1	.1	4.8
	22	1453	.1	.1	5.0
	23	1711	.2	.2	5.2
	24	1649	.2	.2	5.3
	25	1676	.2	.2	5.5
	26	1747	.2	.2	5.7
	27	2019	.2	.2	5.9
	28	2454	.2	.3	6.1
	29	2740	.3	.3	6.4
	30	3304	.3	.3	6.8
	31	2084	.2	.2	7.0
	32	2100	.2	.2	7.2
	33	10480	1.0	1.1	8.3
	34	4141	.4	.4	8.7
	35	4177	.4	.4	9.1
	36	3997	.4	.4	9.5
	37	3677	.4	.4	9.9

Subject 5

	Frequency	Percent	Valid Percent	Cumulative Percent
38	3501	.3	.4	10.3
39	3411	.3	.4	10.6
40	3314	.3	.3	11.0
41	3417	.3	.4	11.3
42	3823	.4	.4	11.7
43	5114	.5	.5	12.2
44	8750	.9	.9	13.1
45	6963	.7	.7	13.9
46	9653	1.0	1.0	14.8
47	7388	.7	.8	15.6
48	11547	1.2	1.2	16.8
49	10619	1.1	1.1	17.9
50	12372	1.2	1.3	19.2
51	15164	1.5	1.6	20.7
52	15583	1.6	1.6	22.3
53	16345	1.6	1.7	24.0
54	13725	1.4	1.4	25.4
55	13289	1.3	1.4	26.8
56	13204	1.3	1.4	28.1
57	13490	1.3	1.4	29.5
58	14304	1.4	1.5	31.0
59	15419	1.5	1.6	32.6
60	17349	1.7	1.8	34.4
61	19152	1.9	2.0	36.3
62	19173	1.9	2.0	38.3
63	18934	1.9	1.9	40.2
64	16844	1.7	1.7	42.0
65	16971	1.7	1.7	43.7
66	16667	1.7	1.7	45.4
67	16538	1.6	1.7	47.1
68	16475	1.6	1.7	48.8
69	16712	1.7	1.7	50.5
70	16668	1.7	1.7	52.3
71	16691	1.7	1.7	54.0
72	16947	1.7	1.7	55.7
73	17091	1.7	1.8	57.5
74	16792	1.7	1.7	59.2
75	17537	1.7	1.8	61.0

Subject 5

		Frequency	Percent	Valid Percent	Cumulative Percent
	76	16933	1.7	1.7	62.7
	77	16790	1.7	1.7	64.5
	78	16889	1.7	1.7	66.2
	79	16595	1.7	1.7	67.9
	80	17100	1.7	1.8	69.7
	81	16750	1.7	1.7	71.4
	82	16408	1.6	1.7	73.1
	83	16782	1.7	1.7	74.8
	84	16323	1.6	1.7	76.5
	85	16307	1.6	1.7	78.2
	86	16272	1.6	1.7	79.8
	87	15862	1.6	1.6	81.5
	88	15812	1.6	1.6	83.1
	89	15182	1.5	1.6	84.7
	90	16282	1.6	1.7	86.3
	91	15368	1.5	1.6	87.9
	92	14717	1.5	1.5	89.4
	93	15362	1.5	1.6	91.0
	94	16270	1.6	1.7	92.7
	95	39977	4.0	4.1	96.8
	96	9300	.9	1.0	97.7
	97	8276	.8	.9	98.6
	98	6886	.7	.7	99.3
	99	4908	.5	.5	99.8
	100	1932	.2	.2	100.0
	Total	972693	97.0	100.0	
Missing	System	30186	3.0		
Total		1002879	100.0		

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Subject1 COUNT()[name="COUNT"
] MISSING=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Subject1=col(source(s), name("Subject1"), unit.category())
  DATA: COUNT=col(source(s), name("COUNT"))
```

```
   GUIDE: axis(dim(1), label("Subject1"))
   GUIDE: axis(dim(2), label("Count"))
   SCALE: linear(dim(2), include(0))
   ELEMENT: interval(position(Subject1*COUNT), shape.interior(shape.square))
END GPL.
```
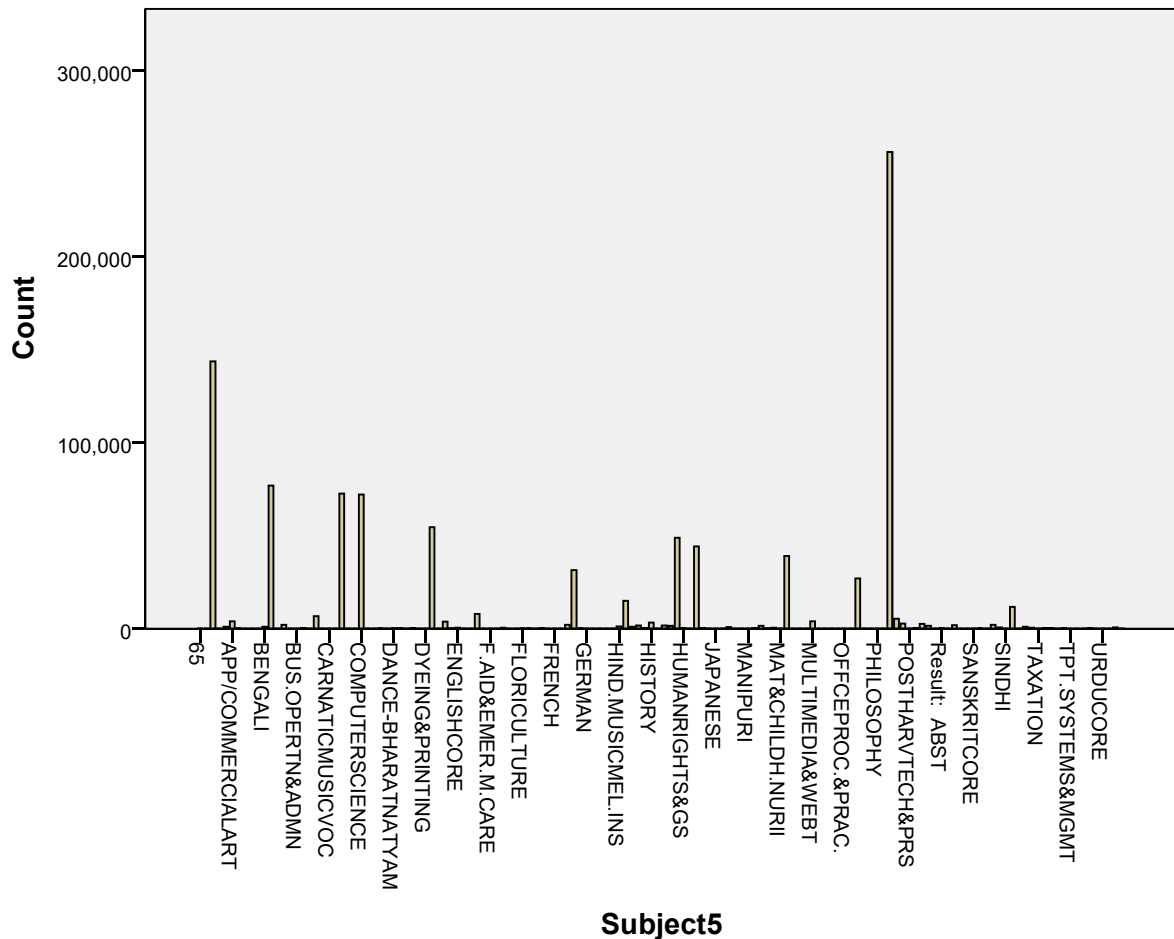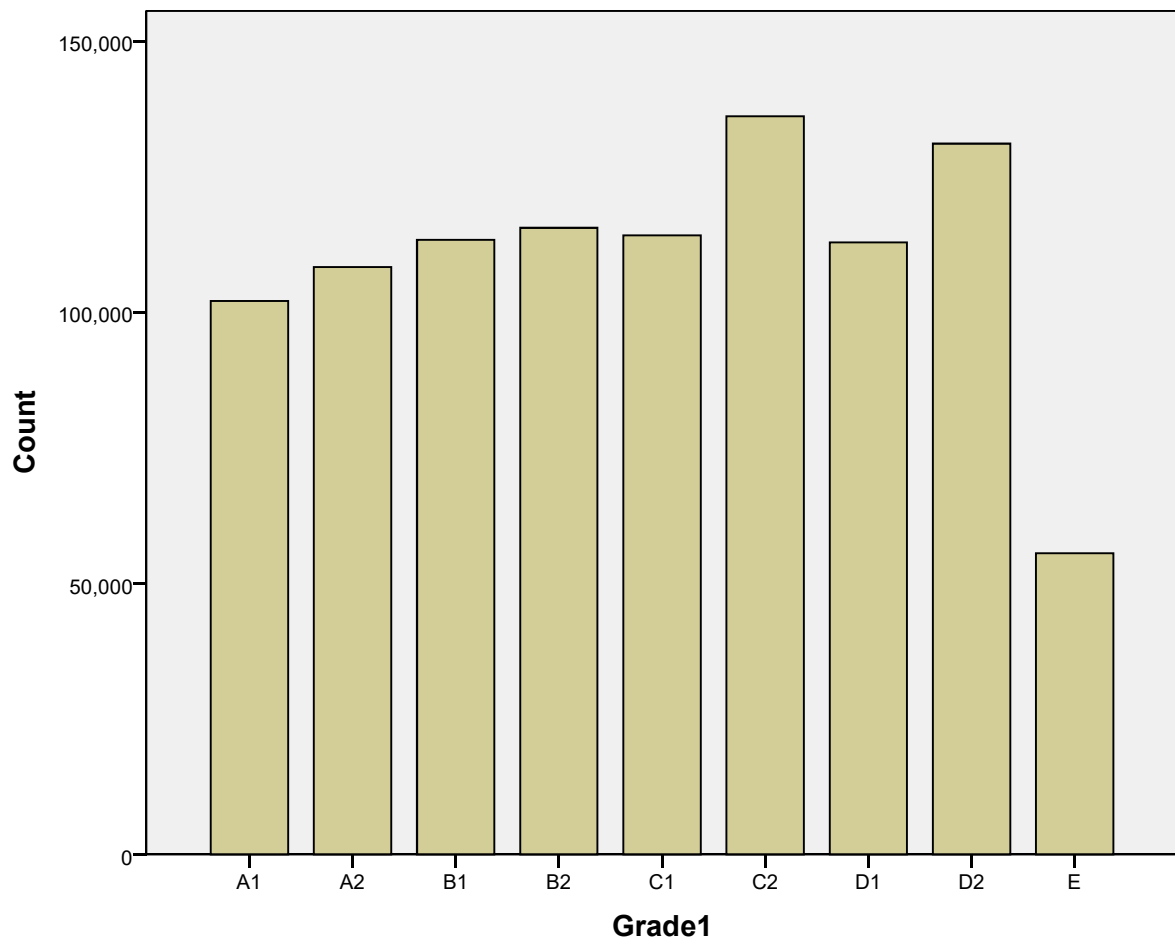
Subjects in Subject 1
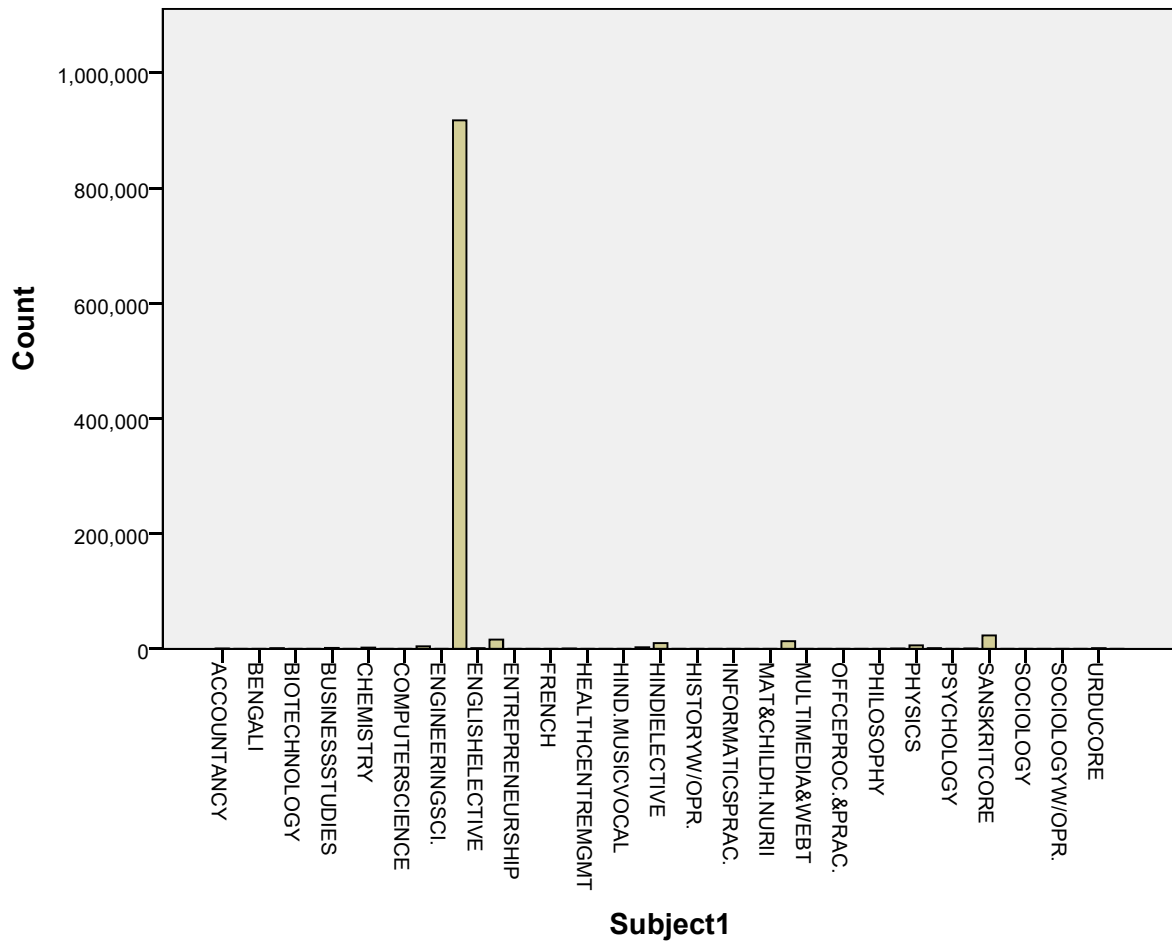

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Subject2 COUNT()[name="COUNT"
] MISSING=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Subject2=col(source(s), name("Subject2"), unit.category())
  DATA: COUNT=col(source(s), name("COUNT"))
  GUIDE: axis(dim(1), label("Subject2"))
```

```
  GUIDE: axis(dim(2), label("Count"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: interval(position(Subject2*COUNT), shape.interior(shape.square))
END GPL.
```

Subjects in Subject 2
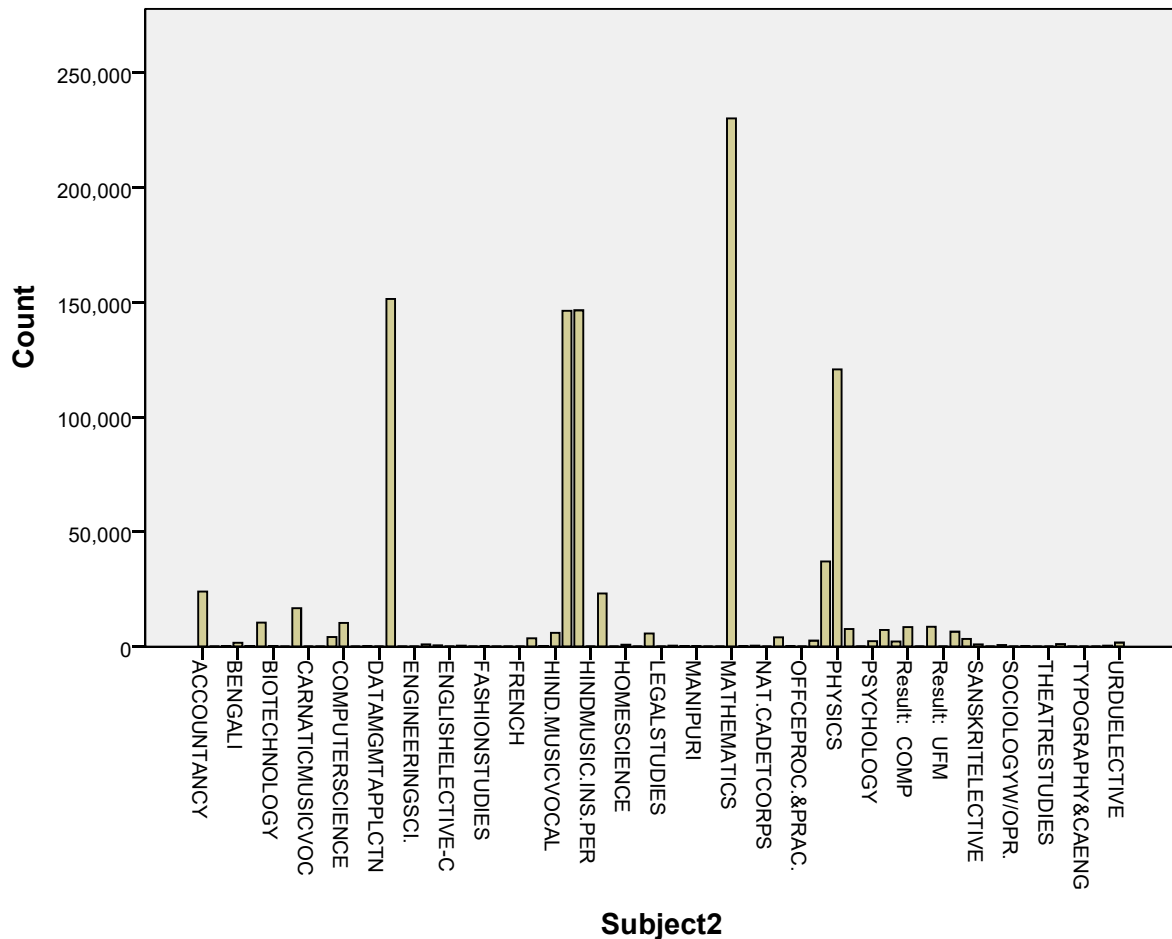
Subject2

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Subject5 COUNT()[name="COUNT"
] MISSING=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Subject5=col(source(s), name("Subject5"), unit.category())
  DATA: COUNT=col(source(s), name("COUNT"))
  GUIDE: axis(dim(1), label("Subject5"))
  GUIDE: axis(dim(2), label("Count"))
```
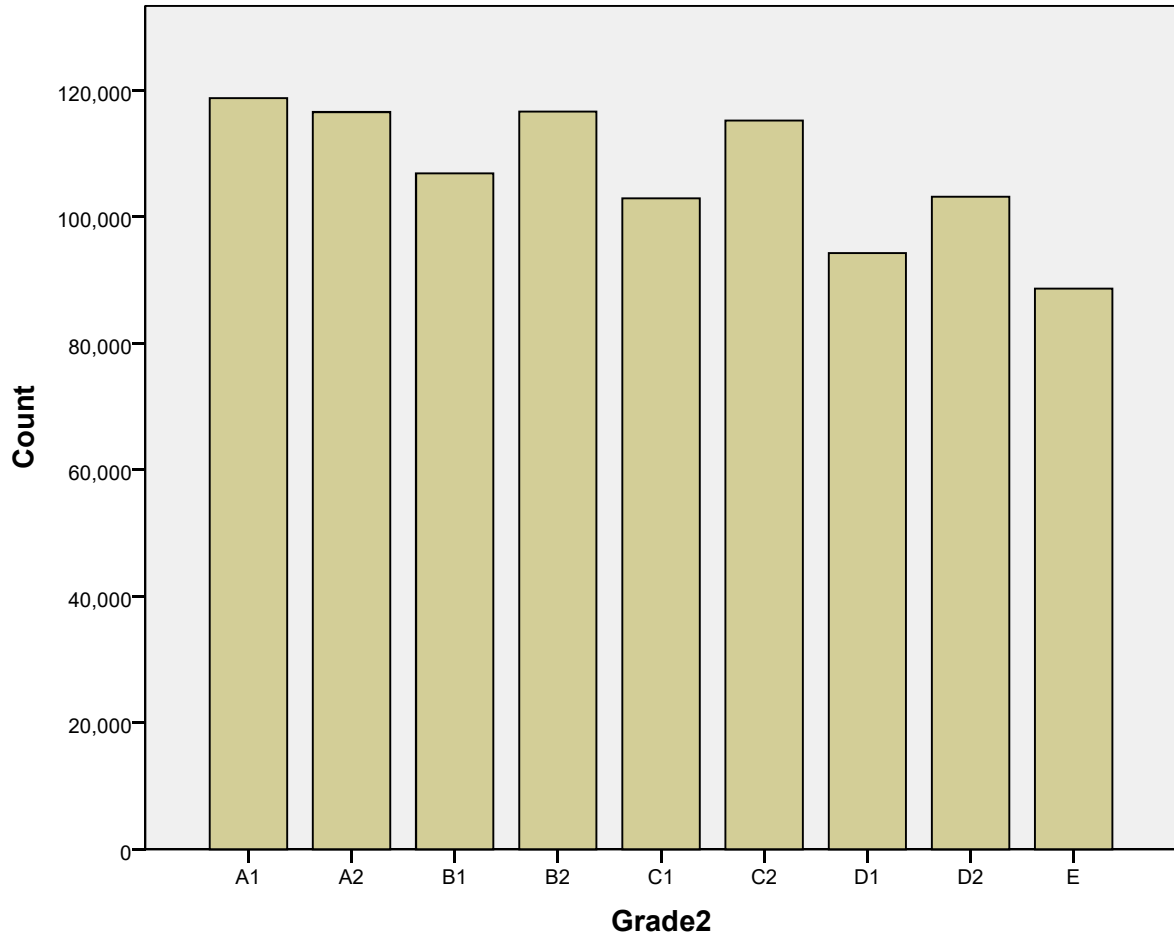
```
    SCALE: linear(dim(2), include(0))
    ELEMENT: interval(position(Subject5*COUNT), shape.interior(shape.square))
END GPL.
```

Subjects in Subject 5

Subject5

```
DATASET ACTIVATE DataSet5.

SAVE OUTFILE='H:\Documents\cbsestats.sav'
  /COMPRESSED.
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Grade1 COUNT()[name="COUNT"]
MISSING=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Grade1=col(source(s), name("Grade1"), unit.category())
```

```
  DATA: COUNT=col(source(s), name("COUNT"))
  GUIDE: axis(dim(1), label("Grade1"))
  GUIDE: axis(dim(2), label("Count"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: interval(position(Grade1*COUNT), shape.interior(shape.square))
END GPL.
```
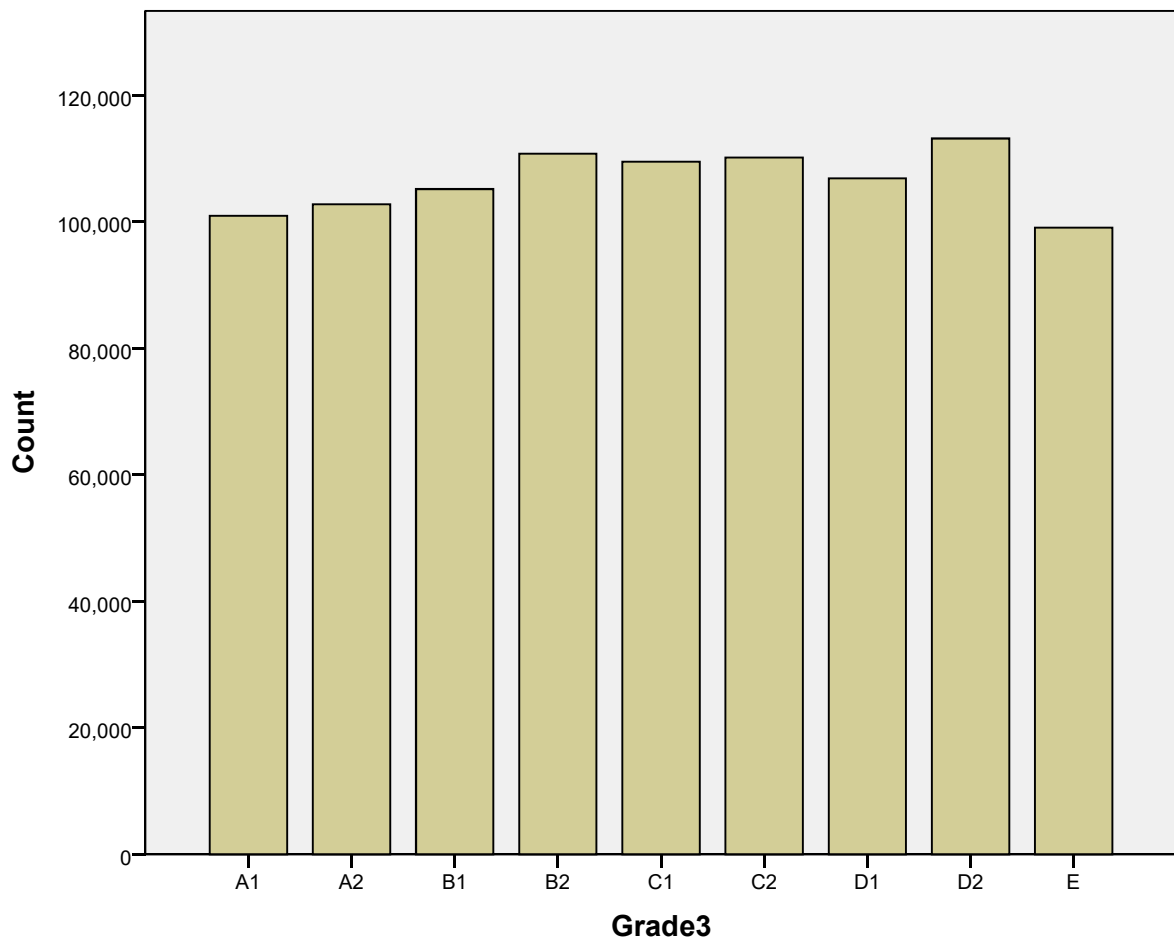
Grades for Subject 1


```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Grade2 COUNT()[name="COUNT"]
MISSING=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Grade2=col(source(s), name("Grade2"), unit.category())
  DATA: COUNT=col(source(s), name("COUNT"))
```

```
  GUIDE: axis(dim(1), label("Grade2"))
  GUIDE: axis(dim(2), label("Count"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: interval(position(Grade2*COUNT), shape.interior(shape.square))
END GPL.
```

Grades for Subject 2


```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Grade3 COUNT()[name="COUNT"]
MISSING=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Grade3=col(source(s), name("Grade3"), unit.category())
  DATA: COUNT=col(source(s), name("COUNT"))
  GUIDE: axis(dim(1), label("Grade3"))
```
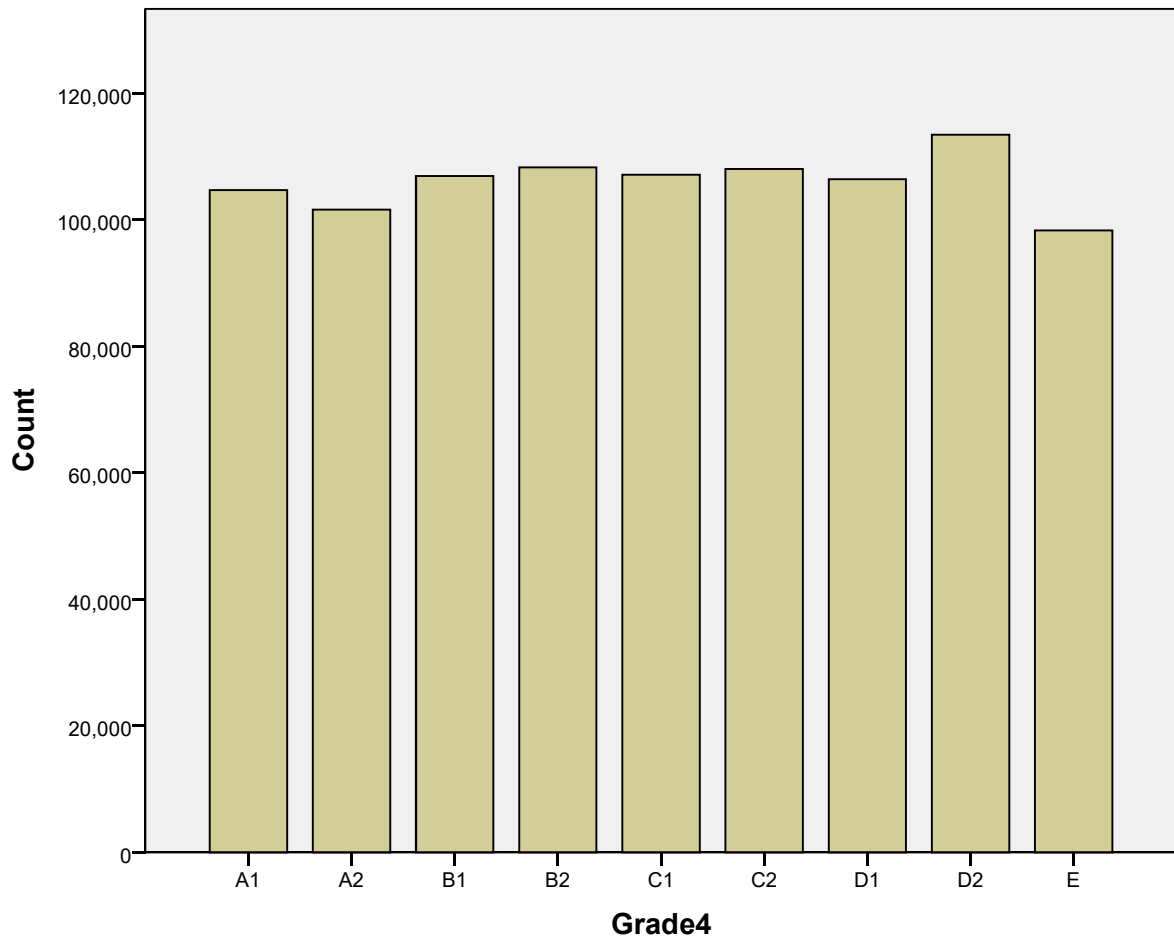
```
  GUIDE: axis(dim(2), label("Count"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: interval(position(Grade3*COUNT), shape.interior(shape.square))
END GPL.
```

Grades for Subject 3


```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Grade4 COUNT()[name="COUNT"]
MISSING=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Grade4=col(source(s), name("Grade4"), unit.category())
  DATA: COUNT=col(source(s), name("COUNT"))
  GUIDE: axis(dim(1), label("Grade4"))
  GUIDE: axis(dim(2), label("Count"))
```

```
   SCALE: linear(dim(2), include(0))
   ELEMENT: interval(position(Grade4*COUNT), shape.interior(shape.square))
END GPL.
```

Grades for Subject 4


```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Grade5 COUNT()[name="COUNT"]
MISSING=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Grade5=col(source(s), name("Grade5"), unit.category())
  DATA: COUNT=col(source(s), name("COUNT"))
  GUIDE: axis(dim(1), label("Grade5"))
  GUIDE: axis(dim(2), label("Count"))
  SCALE: linear(dim(2), include(0))
```
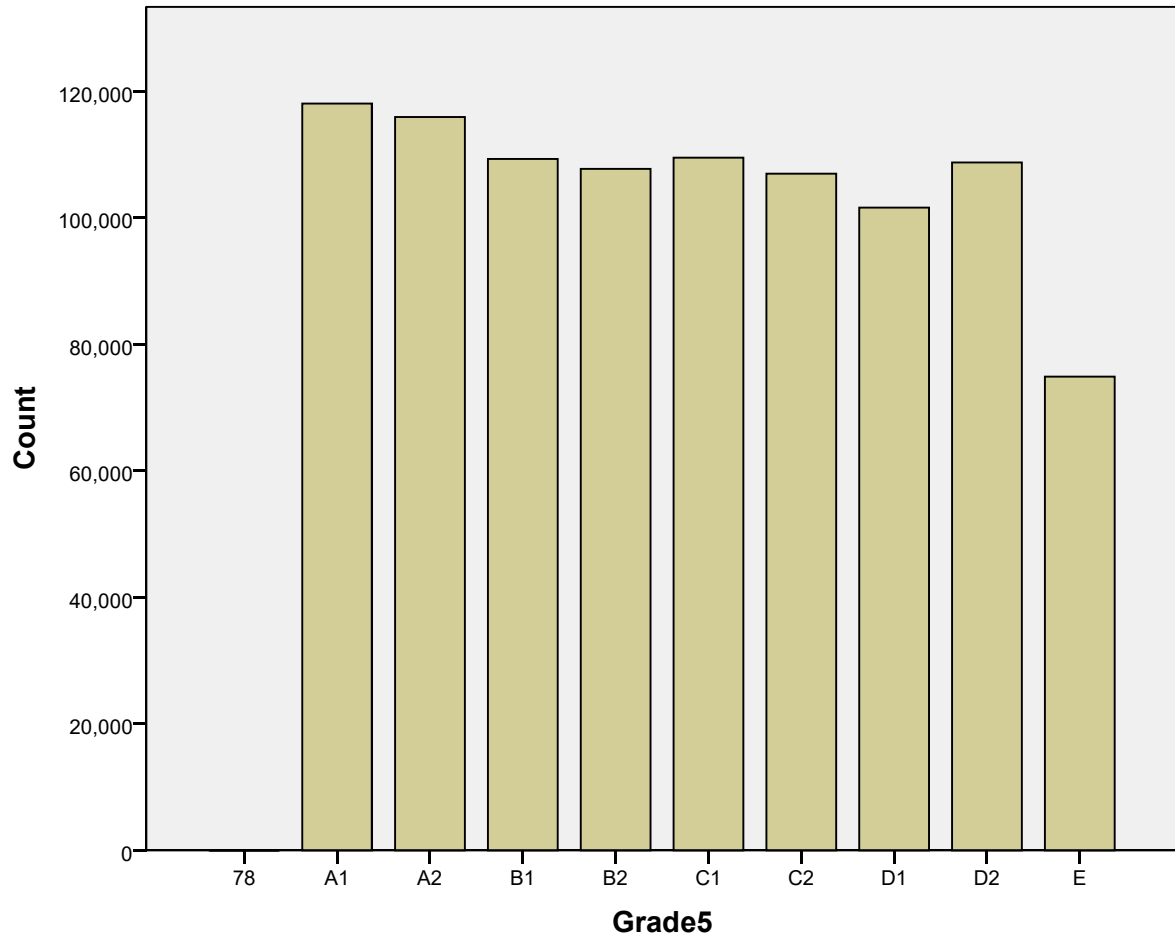
```
    ELEMENT: interval(position(Grade5*COUNT), shape.interior(shape.square))
END GPL.
```

Grades for Subject 5


```
DATASET ACTIVATE DataSet5.

SAVE OUTFILE='H:\Documents\cbsestats.sav'
  /COMPRESSED.
```