

U.S. DEPARTMENT OF EDUCATION
NATIONAL CENTER FOR EDUCATION STATISTICS
FAST RESPONSE SURVEY SYSTEM
DUAL CREDIT AND EXAM-BASED COURSES IN U.S. PUBLIC HIGH SCHOOLS: 2010-11
PUBLIC USE FILE

Enrollment size

SIZE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less than 500	363	27.54	363	27.54
500-1199	420	31.87	783	59.41
1200 or more	535	40.59	1318	100.00

Community type

URBAN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
City	273	20.71	273	20.71
Suburban	357	27.09	630	47.80
Town	193	14.64	823	62.44
Rural	495	37.56	1318	100.00

Percent combined enrollment of Black and other minorities

MINST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less than 6 percent	237	17.98	237	17.98
6-20 percent	341	25.87	578	43.85
21-49 percent	333	25.27	911	69.12
50 percent or more	407	30.88	1318	100.00

Did students take AP or IB courses

Q1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1061	80.50	1061	80.50
No	257	19.50	1318	100.00

Recode of Q2: AP and IB course enrollments (duplicated)

T_Q2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	257	19.50	257	19.50
Enrollment 1-50	221	16.77	478	36.27
Enrollment 51-200	310	23.52	788	59.79
Enrollment 201-500	249	18.89	1037	78.68
Enrollment over 500	281	21.32	1318	100.00

AP courses taken for dual credit without taking AP exam

Q3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	257	19.50	257	19.50
Yes	132	10.02	389	29.51
No	929	70.49	1318	100.00

Recode of Q4: Enrollments in AP courses taken for dual credit without taking AP exam

T_Q4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	1186	89.98	1186	89.98
Enrollment 1-25	35	2.66	1221	92.64
Enrollment 26-50	24	1.82	1245	94.46
Enrollment 51-150	33	2.50	1278	96.97
Enrollment over 150	40	3.03	1318	100.00

Did students take any courses to earn dual credit w/any post-sec institution

Q5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1113	84.45	1113	84.45
No	205	15.55	1318	100.00

Did school establish dual credit course requirements

Q6	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	205	15.55	205	15.55
Yes	697	52.88	902	68.44
No	416	31.56	1318	100.00

Dual credit requirement: Teacher recommendation

Q7A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	621	47.12	621	47.12
Yes	313	23.75	934	70.86
No	380	28.83	1314	99.70
Don't know	4	0.30	1318	100.00

Dual credit requirement: School administrator or guidance counselor approval

Q7B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	621	47.12	621	47.12
Yes	523	39.68	1144	86.80
No	173	13.13	1317	99.92
Don't know	1	0.08	1318	100.00

Dual credit requirement: Grade level

Q7C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	621	47.12	621	47.12
Yes	557	42.26	1178	89.38
No	137	10.39	1315	99.77
Don't know	3	0.23	1318	100.00

Dual credit requirement: Minimum GPA

Q7D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	621	47.12	621	47.12
Yes	340	25.80	961	72.91
No	353	26.78	1314	99.70
Don't know	4	0.30	1318	100.00

Dual credit requirement: Minimum high school class rank

Q7E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	621	47.12	621	47.12
Yes	35	2.66	656	49.77
No	654	49.62	1310	99.39
Don't know	8	0.61	1318	100.00

Dual credit requirement: Satisfactory high school attendance record

Q7F	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	621	47.12	621	47.12
Yes	234	17.75	855	64.87
No	457	34.67	1312	99.54
Don't know	6	0.46	1318	100.00

Dual credit requirement: Minimum score on standardized test

Q7G	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	621	47.12	621	47.12
Yes	232	17.60	853	64.72
No	458	34.75	1311	99.47
Don't know	7	0.53	1318	100.00

Dual credit requirement: Passing college placement test

Q7H	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	621	47.12	621	47.12
Yes	287	21.78	908	68.89
No	394	29.89	1302	98.79
Don't know	16	1.21	1318	100.00

Dual credit requirement: Other (specify)

Q7I	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	621	47.12	621	47.12
Yes	92	6.98	713	54.10
No	521	39.53	1234	93.63
Don't know	84	6.37	1318	100.00

Postsecondary credential earned: Certificate

Q8A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	205	15.55	205	15.55
Yes	180	13.66	385	29.21
No	933	70.79	1318	100.00

Postsecondary credential earned: Associate's degree

Q8B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	205	15.55	205	15.55
Yes	95	7.21	300	22.76
No	1018	77.24	1318	100.00

Postsecondary credential earned: Bachelor's degree

Q8C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	205	15.55	205	15.55
Yes	10	0.76	215	16.31
No	1103	83.69	1318	100.00

Academic focus: Whether students took dual credit courses

Q9COL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	205	15.55	205	15.55
Yes	1030	78.15	1235	93.70
No	83	6.30	1318	100.00

Career and tech/voc focus: Whether students took dual credit courses

Q9COL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	205	15.55	205	15.55
Yes	690	52.35	895	67.91
No	423	32.09	1318	100.00

Recode of Q10ACOL1: Academic Enrollments in courses taught primarily through distance ed

T_Q10ACOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Enrollment zero	718	54.48	1006	76.33
Enrollment 1-10	168	12.75	1174	89.07
Enrollment over 10	144	10.93	1318	100.00

Recode of Q10ACOL2: Career Enrollments in courses taught primarily through distance ed

T_Q10ACOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Enrollment zero	607	46.05	1235	93.70
Enrollment 1-5	39	2.96	1274	96.66
Enrollment over 5	44	3.34	1318	100.00

Recode of Q10BCOL1: Academic Enrollments in courses taught at locations for secondary school students

T_Q10BCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Enrollment 0	320	24.28	608	46.13
Enrollment 1-25	195	14.80	803	60.93
Enrollment 26-100	257	19.50	1060	80.42
Enrollment over 100	258	19.58	1318	100.00

Recode of Q10BCOL2: Career Enrollments in courses taught at locations for secondary school students

T_Q10BCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Enrollment 0	182	13.81	810	61.46
Enrollment 1-25	201	15.25	1011	76.71
Enrollment 26-100	189	14.34	1200	91.05
Enrollment over 100	118	8.95	1318	100.00

Recode of Q10CCOL1: Academic Enrollments in courses taught at postsecondary institutions

T_Q10CCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Enrollment 0	411	31.18	699	53.03
Enrollment 1-10	276	20.94	975	73.98
Enrollment 11-25	138	10.47	1113	84.45
Enrollment over 25	205	15.55	1318	100.00

Recode of Q10CCOL2: Career Enrollments in courses taught at postsecondary institutions

T_Q10CCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Enrollment 0	396	30.05	1024	77.69
Enrollment 1-10	173	13.13	1197	90.82
Enrollment 11-25	56	4.25	1253	95.07
Enrollment over 25	65	4.93	1318	100.00

Academic focus: Type of instructors for dual credit courses taught at secondary school locations

Q11COL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
No academic courses at secondary schools	320	24.28	608	46.13
HS instructors only	444	33.69	1052	79.82
Postsec instructors only	70	5.31	1122	85.13
HS and postsec instructors	196	14.87	1318	100.00

Career and tech/voc focus: Type of instructors for dual credit courses taught at secondary school locations

Q11COL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
No career courses at secondary schools	182	13.81	810	61.46
HS instructors only	340	25.80	1150	87.25
Postsec instructors only	63	4.78	1213	92.03
HS and postsec instructors	105	7.97	1318	100.00

Academic focus: Student composition for dual credit courses taught at postsecondary institutions

Q12COL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
No academic courses on postsec campus	411	31.18	699	53.03
Only HS students	189	14.34	888	67.37
HS and postsec students	430	32.63	1318	100.00

Career and tech/voc focus: Student composition for dual credit courses taught at postsecondary institutions

Q12COL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
No career courses on postsec campus	396	30.05	1024	77.69
Only HS students	109	8.27	1133	85.96
HS and postsec students	185	14.04	1318	100.00

Academic focus: Were students awarded postsecondary credit immediately upon completion of courses

Q13ACOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Yes	945	71.70	1233	93.55
No	85	6.45	1318	100.00

Career and tech/voc focus: Were students awarded postsecondary credit immediately upon completion of courses

Q13ACOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Yes	572	43.40	1200	91.05
No	118	8.95	1318	100.00

Academic focus: Were students offered credit in escrow

Q13BCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Yes	99	7.51	387	29.36
No	931	70.64	1318	100.00

Career and tech/voc focus: Were students offered credit in escrow

Q13BCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Yes	154	11.68	782	59.33
No	536	40.67	1318	100.00

Academic focus: Were students awarded other (specify) postsecondary credit

Q13CCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Yes	32	2.43	320	24.28
No	998	75.72	1318	100.00

Career and tech/voc focus: Were students awarded other (specify) postsecondary credit

Q13CCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Yes	26	1.97	654	49.62
No	664	50.38	1318	100.00

Academic focus: Whether students generally paid out of pocket for dual credit course tuition (full or partial)

Q14ACOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Yes	466	35.36	754	57.21
No	564	42.79	1318	100.00

Career and tech/voc focus: Whether students generally paid out of pocket for dual credit course tuition (full or partial)

Q14ACOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Yes	198	15.02	826	62.67
No	492	37.33	1318	100.00

Academic focus: Whether students generally paid out of pocket for dual credit course fees

Q14BCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Yes	484	36.72	772	58.57
No	546	41.43	1318	100.00

Career and tech/voc focus: Whether students generally paid out of pocket for dual credit course fees

Q14BCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Yes	243	18.44	871	66.08
No	447	33.92	1318	100.00

Academic focus: Whether students generally paid out of pocket for dual credit course books

Q14CCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Yes	488	37.03	776	58.88
No	542	41.12	1318	100.00

Career and tech/voc focus: Whether students generally paid out of pocket for dual credit course books

Q14CCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Yes	212	16.08	840	63.73
No	478	36.27	1318	100.00

Academic focus: Whether school or district paid any dual credit course tuition (full or partial)

Q15ACOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Yes	427	32.40	715	54.25
No	603	45.75	1318	100.00

Career and tech/voc focus: Whether school or district paid any dual credit course tuition (full or partial)

Q15ACOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Yes	290	22.00	918	69.65
No	400	30.35	1318	100.00

Academic focus: Whether school or district paid any dual credit course fees

Q15BCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Yes	329	24.96	617	46.81
No	701	53.19	1318	100.00

Career and tech/voc focus: Whether school or district paid any dual credit course fees

Q15BCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Yes	231	17.53	859	65.17
No	459	34.83	1318	100.00

Academic focus: Whether school or district paid for any dual credit course books

Q15CCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	288	21.85	288	21.85
Yes	449	34.07	737	55.92
No	581	44.08	1318	100.00

Career and tech/voc focus: Whether school or district paid for any dual credit course books

Q15CCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	628	47.65	628	47.65
Yes	312	23.67	940	71.32
No	378	28.68	1318	100.00

No transportation was needed for any dual credit course

Q16BOX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	205	15.55	205	15.55
Checked	450	34.14	655	49.70
Not checked	663	50.30	1318	100.00

Responsible for dual credit course transportation: School/district

Q16A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	655	49.70	655	49.70
Yes	193	14.64	848	64.34
No	470	35.66	1318	100.00

Responsible for dual credit course transportation: State

Q16B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	655	49.70	655	49.70
Yes	26	1.97	681	51.67
No	637	48.33	1318	100.00

Responsible for dual credit course transportation: Postsecondary institution

Q16C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	655	49.70	655	49.70
Yes	9	0.68	664	50.38
No	654	49.62	1318	100.00

Responsible for dual credit course transportation: Parents/students

Q16D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	655	49.70	655	49.70
Yes	580	44.01	1235	93.70
No	83	6.30	1318	100.00

Responsible for dual credit course transportation: Other source(s) (specify)

Q16E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	655	49.70	655	49.70
Yes	7	0.53	662	50.23
No	656	49.77	1318	100.00

imputation flag for question Q2

I_Q2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1314	99.70	1314	99.70
Imputed	4	0.30	1318	100.00

imputation flag for question Q3

I_Q3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q4

I_Q4	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1315	99.77	1315	99.77
Imputed	3	0.23	1318	100.00

imputation flag for question Q8A

I_Q8A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q10ACOL1

I_Q10ACOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1313	99.62	1313	99.62
Imputed	5	0.38	1318	100.00

imputation flag for question Q10ACOL2

I_Q10ACOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1313	99.62	1313	99.62
Imputed	5	0.38	1318	100.00

imputation flag for question Q10BCOL1

I_Q10BCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1309	99.32	1309	99.32
Imputed	9	0.68	1318	100.00

imputation flag for question Q10BCOL2

I_Q10BCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1312	99.54	1312	99.54
Imputed	6	0.46	1318	100.00

imputation flag for question Q10CCOL1

I_Q10CCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1310	99.39	1310	99.39
Imputed	8	0.61	1318	100.00

imputation flag for question Q10CCOL2

I_Q10CCOL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1311	99.47	1311	99.47
Imputed	7	0.53	1318	100.00

imputation flag for question Q11COL1

I_Q11COL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q12COL1

I_Q12COL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1316	99.85	1316	99.85
Imputed	2	0.15	1318	100.00

imputation flag for question Q12COL2

I_Q12COL2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1316	99.85	1316	99.85
Imputed	2	0.15	1318	100.00

imputation flag for question Q13ACOL1

I_Q13ACOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q13BCOL1

I_Q13BCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q13CCOL1

I_Q13CCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q14BCOL1

I_Q14BCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q14CCOL1

I_Q14CCOL1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q16A

I_Q16A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q16B

I_Q16B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q16C

I_Q16C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q16D

I_Q16D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

imputation flag for question Q16E

I_Q16E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1317	99.92	1317	99.92
Imputed	1	0.08	1318	100.00

Analysis Variable : AWT FULL SAMPLE WEIGHT

Sum	Minimum	Maximum	Std Dev
17838.90	7.1099988	31.5226945	6.7946957

Analysis Variable : AWT1 REPLICATE WEIGHT 1

Sum	Minimum	Maximum	Std Dev
17869.60	0	31.8411055	6.9766619

Analysis Variable : AWT2 REPLICATE WEIGHT 2

Sum	Minimum	Maximum	Std Dev
17869.60	0	31.8411055	6.9468257

Analysis Variable : AWT3 REPLICATE WEIGHT 3

Sum	Minimum	Maximum	Std Dev
17843.38	0	31.2167701	6.9165771

Analysis Variable : AWT4 REPLICATE WEIGHT 4

Sum	Minimum	Maximum	Std Dev
17843.38	0	31.9781548	6.9498455

Analysis Variable : AWT5 REPLICATE WEIGHT 5

Sum	Minimum	Maximum	Std Dev
17859.44	0	31.9781548	6.9415504

Analysis Variable : AWT6 REPLICATE WEIGHT 6

Sum	Minimum	Maximum	Std Dev
17843.38	0	31.9781548	6.9703817

Analysis Variable : AWT7 REPLICATE WEIGHT 7

Sum	Minimum	Maximum	Std Dev
17843.38	0	31.2167701	6.9132381

Analysis Variable : AWT8 REPLICATE WEIGHT 8

Sum	Minimum	Maximum	Std Dev
17843.38	0	31.9781548	6.9763877

Analysis Variable : AWT9 REPLICATE WEIGHT 9

Sum	Minimum	Maximum	Std Dev
17859.44	0	31.9781548	6.9360737

Analysis Variable : AWT10 REPLICATE WEIGHT 10

Sum	Minimum	Maximum	Std Dev
17859.44	0	31.9781548	6.9631790

Analysis Variable : AWT11 REPLICATE WEIGHT 11

Sum	Minimum	Maximum	Std Dev
17828.88	0	31.9781548	6.9302153

Analysis Variable : AWT12 REPLICATE WEIGHT 12

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9770525

Analysis Variable : AWT13 REPLICATE WEIGHT 13

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9044206

Analysis Variable : AWT14 REPLICATE WEIGHT 14

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9423856

Analysis Variable : AWT15 REPLICATE WEIGHT 15

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9774722

Analysis Variable : AWT16 REPLICATE WEIGHT 16

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9649166

Analysis Variable : AWT17 REPLICATE WEIGHT 17

Sum	Minimum	Maximum	Std Dev
17852.46	0	31.9781548	6.9701946

Analysis Variable : AWT18 REPLICATE WEIGHT 18

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9339604

Analysis Variable : AWT19 REPLICATE WEIGHT 19

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9803443

Analysis Variable : AWT20 REPLICATE WEIGHT 20

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9803443

Analysis Variable : AWT21 REPLICATE WEIGHT 21

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9678252

Analysis Variable : AWT22 REPLICATE WEIGHT 22

Sum	Minimum	Maximum	Std Dev
17828.88	0	31.9781548	6.9648097

Analysis Variable : AWT23 REPLICATE WEIGHT 23

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9747456

Analysis Variable : AWT24 REPLICATE WEIGHT 24

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9803747

Analysis Variable : AWT25 REPLICATE WEIGHT 25

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9562789

Analysis Variable : AWT26 REPLICATE WEIGHT 26

Sum	Minimum	Maximum	Std Dev
17843.38	0	31.9781548	6.9613047

Analysis Variable : AWT27 REPLICATE WEIGHT 27

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9628153

Analysis Variable : AWT28 REPLICATE WEIGHT 28

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9804117

Analysis Variable : AWT29 REPLICATE WEIGHT 29

Sum	Minimum	Maximum	Std Dev
17869.60	0	31.8411055	6.9756480

Analysis Variable : AWT30 REPLICATE WEIGHT 30

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9799043

Analysis Variable : AWT31 REPLICATE WEIGHT 31

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9356172

Analysis Variable : AWT32 REPLICATE WEIGHT 32

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9799020

Analysis Variable : AWT33 REPLICATE WEIGHT 33

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9680169

Analysis Variable : AWT34 REPLICATE WEIGHT 34

Sum	Minimum	Maximum	Std Dev
17817.16	0	31.9781548	6.9557610

Analysis Variable : AWT35 REPLICATE WEIGHT 35

Sum	Minimum	Maximum	Std Dev
17821.49	0	31.9781548	6.9750078

Analysis Variable : AWT36 REPLICATE WEIGHT 36

Sum	Minimum	Maximum	Std Dev
17847.71	0	31.9781548	6.9773933

Analysis Variable : AWT37 REPLICATE WEIGHT 37

Sum	Minimum	Maximum	Std Dev
17833.22	0	31.9781548	6.9687619

Analysis Variable : AWT38 REPLICATE WEIGHT 38

Sum	Minimum	Maximum	Std Dev
17847.71	0	31.2167701	6.9192478

Analysis Variable : AWT39 REPLICATE WEIGHT 39

Sum	Minimum	Maximum	Std Dev
17831.65	0	31.8411055	6.9796604

Analysis Variable : AWT40 REPLICATE WEIGHT 40

Sum	Minimum	Maximum	Std Dev
17857.87	0	31.8411055	6.9747638

Analysis Variable : AWT41 REPLICATE WEIGHT 41

Sum	Minimum	Maximum	Std Dev
17857.87	0	31.8411055	6.9649704

Analysis Variable : AWT42 REPLICATE WEIGHT 42

Sum	Minimum	Maximum	Std Dev
17862.29	0	31.8411055	6.9572606

Analysis Variable : AWT43 REPLICATE WEIGHT 43

Sum	Minimum	Maximum	Std Dev
17831.65	0	31.8411055	6.9811098

Analysis Variable : AWT44 REPLICATE WEIGHT 44

Sum	Minimum	Maximum	Std Dev
17831.65	0	31.8411055	6.9681511

Analysis Variable : AWT45 REPLICATE WEIGHT 45

Sum	Minimum	Maximum	Std Dev
17873.93	0	31.8411055	6.9738296

Analysis Variable : AWT46 REPLICATE WEIGHT 46

Sum	Minimum	Maximum	Std Dev
17857.87	0	31.8411055	6.9834878

Analysis Variable : AWT47 REPLICATE WEIGHT 47

Sum	Minimum	Maximum	Std Dev
17831.65	0	31.8411055	6.9847400

Analysis Variable : AWT48 REPLICATE WEIGHT 48

Sum	Minimum	Maximum	Std Dev
17831.65	0	31.8411055	6.9790931

Analysis Variable : AWT49 REPLICATE WEIGHT 49

Sum	Minimum	Maximum	Std Dev
17831.65	0	31.8411055	6.9791434

Analysis Variable : AWT50 REPLICATE WEIGHT 50

Sum	Minimum	Maximum	Std Dev
17831.65	0	31.8411055	6.9847689

Analysis Variable : AWT51 REPLICATE WEIGHT 51

Sum	Minimum	Maximum	Std Dev
17831.65	0	31.8411055	6.9811553

Analysis Variable : AWT52 REPLICATE WEIGHT 52

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9802880

Analysis Variable : AWT53 REPLICATE WEIGHT 53

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9744238

Analysis Variable : AWT54 REPLICATE WEIGHT 54

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9804466

Analysis Variable : AWT55 REPLICATE WEIGHT 55

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9746449

Analysis Variable : AWT56 REPLICATE WEIGHT 56

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9693399

Analysis Variable : AWT57 REPLICATE WEIGHT 57

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9708347

Analysis Variable : AWT58 REPLICATE WEIGHT 58

Sum	Minimum	Maximum	Std Dev
17849.61	0	31.8411055	6.9650103

Analysis Variable : AWT59 REPLICATE WEIGHT 59

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9803699

Analysis Variable : AWT60 REPLICATE WEIGHT 60

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9835230

Analysis Variable : AWT61 REPLICATE WEIGHT 61

Sum	Minimum	Maximum	Std Dev
17849.61	0	31.8411055	6.9352607

Analysis Variable : AWT62 REPLICATE WEIGHT 62

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9835481

Analysis Variable : AWT63 REPLICATE WEIGHT 63

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9835481

Analysis Variable : AWT64 REPLICATE WEIGHT 64

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9835481

Analysis Variable : AWT65 REPLICATE WEIGHT 65

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9806018

Analysis Variable : AWT66 REPLICATE WEIGHT 66

Sum	Minimum	Maximum	Std Dev
17845.28	0	31.8411055	6.9744350

Analysis Variable : AWT67 REPLICATE WEIGHT 67

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9752882

Analysis Variable : AWT68 REPLICATE WEIGHT 68

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9720900

Analysis Variable : AWT69 REPLICATE WEIGHT 69

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9842422

Analysis Variable : AWT70 REPLICATE WEIGHT 70

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9806018

Analysis Variable : AWT71 REPLICATE WEIGHT 71

Sum	Minimum	Maximum	Std Dev
17842.63	0	31.8411055	6.9340087

Analysis Variable : AWT72 REPLICATE WEIGHT 72

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9561882

Analysis Variable : AWT73 REPLICATE WEIGHT 73

Sum	Minimum	Maximum	Std Dev
17833.55	0	31.8411055	6.9757349

Analysis Variable : AWT74 REPLICATE WEIGHT 74

Sum	Minimum	Maximum	Std Dev
17859.77	0	31.8411055	6.9829397

Analysis Variable : AWT75 REPLICATE WEIGHT 75

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.8411055	6.9833236

Analysis Variable : AWT76 REPLICATE WEIGHT 76

Sum	Minimum	Maximum	Std Dev
17862.42	0	31.8411055	6.9755519

Analysis Variable : AWT77 REPLICATE WEIGHT 77

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.2167701	6.9272133

Analysis Variable : AWT78 REPLICATE WEIGHT 78

Sum	Minimum	Maximum	Std Dev
17862.42	0	31.8411055	6.9834762

Analysis Variable : AWT79 REPLICATE WEIGHT 79

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.2167701	6.9186334

Analysis Variable : AWT80 REPLICATE WEIGHT 80

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.9781548	6.9783048

Analysis Variable : AWT81 REPLICATE WEIGHT 81

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.9781548	6.9651695

Analysis Variable : AWT82 REPLICATE WEIGHT 82

Sum	Minimum	Maximum	Std Dev
17862.42	0	31.9781548	6.9815622

Analysis Variable : AWT83 REPLICATE WEIGHT 83

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.2167701	6.9324748

Analysis Variable : AWT84 REPLICATE WEIGHT 84

Sum	Minimum	Maximum	Std Dev
17862.42	0	31.8411055	6.9807815

Analysis Variable : AWT85 REPLICATE WEIGHT 85

Sum	Minimum	Maximum	Std Dev
17862.42	0	31.8411055	6.9839435

Analysis Variable : AWT86 REPLICATE WEIGHT 86

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.9781548	6.9869317

Analysis Variable : AWT87 REPLICATE WEIGHT 87

Sum	Minimum	Maximum	Std Dev
17852.26	0	31.9781548	6.9518385

Analysis Variable : AWT88 REPLICATE WEIGHT 88

Sum	Minimum	Maximum	Std Dev
17862.42	0	31.8411055	6.9481736

Analysis Variable : AWT89 REPLICATE WEIGHT 89

Sum	Minimum	Maximum	Std Dev
17874.15	0	31.8411055	6.9503801

Analysis Variable : AWT90 REPLICATE WEIGHT 90

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.2167701	6.9030790

Analysis Variable : AWT91 REPLICATE WEIGHT 91

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.9781548	6.9784277

Analysis Variable : AWT92 REPLICATE WEIGHT 92

Sum	Minimum	Maximum	Std Dev
17862.42	0	31.8411055	6.9351326

Analysis Variable : AWT93 REPLICATE WEIGHT 93

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.2167701	6.9198323

Analysis Variable : AWT94 REPLICATE WEIGHT 94

Sum	Minimum	Maximum	Std Dev
17847.92	0	31.2167701	6.9082488

Analysis Variable : AWT95 REPLICATE WEIGHT 95

Sum	Minimum	Maximum	Std Dev
17862.42	0	31.8411055	6.9604339

Analysis Variable : AWT96 REPLICATE WEIGHT 96

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.9781548	6.9521696

Analysis Variable : AWT97 REPLICATE WEIGHT 97

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.9781548	6.9634322

Analysis Variable : AWT98 REPLICATE WEIGHT 98

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.9781548	6.9634322

Analysis Variable : AWT99 REPLICATE WEIGHT 99

Sum	Minimum	Maximum	Std Dev
17862.42	0	31.8411055	6.9695816

Analysis Variable : AWT100 REPLICATE WEIGHT 100

Sum	Minimum	Maximum	Std Dev
17836.20	0	31.9781548	6.9393679