#### School enrollment size

SIZE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less than 500 500 to 999	277 371	26.48 35.47	277 648	26.48 61.95
1000 or more	398	38.05	1046	100.00

### School community type

URBAN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
City	242	23.14	242	23.14
Suburb	315	30.11	557	53.25
Town	173	16.54	730	69.79
Rural	316	30.21	1046	100.00

### School region

OEREG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	223	21.32	223	21.32
Southeast	261	24.95	484	46.27
Central	290	27.72	774	74.00
West	272	26.00	1046	100.00

### School minority enrollment

MINST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less than 6 percent	224	21.41	224	21.41
6 to 20 percent	285	27.25	509	48.66
21 to 49 percent	245	23.42	754	72.08
50 percent or more	292	27.92	1046	100.00

# Percent of students in the school eligible for free or reduced-price lunch

POVST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing 25 percent or less 26 to 50 percent 51 to 75 percent 76 percent or more	6 324 374 231	0.57 30.98 35.76 22.08 10.61	6 330 704 935 1046	0.57 31.55 67.30 89.39 100.00

### School level

			Cumulative	Cumulative
LEVEL	Frequency	Percent	Frequency	Percent
Secondary	1014	96.94	1014	96.94
Combined	32	3.06	1046	100.00

### Full-time teacher

Q1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1010	96.56	1010	96.56
No	36	3.44	1046	100.00

### Current teaching arrangement

	Q2 :	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Teach visual arts full to	ime	947	90.54	947	90.54
Teach visual arts part to	ime	99	9.46	1046	100.00

Number of schools where teacher is teaching visual arts (topcoded)

	T_Q3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1		928	88.72	928	88.72
2		98	9.37	1026	98.09
3 0	r more	20	1.91	1046	100.00

School offers AP or IB visual art classes

			Cumulative	Cumulative
Q5	Frequency	Percent	Frequency	Percent
Yes (Specify)	269	25.72	269	25.72
No	777	74.28	1046	100.00

Visual arts subjects: School offers general art

Q6AA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	988	94.46	988	94.46
No	58	5.54	1046	100.00

Visual arts subjects: Teacher teaches general art

Q6AB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	58 900	5.54 86.04	58 958	5.54 91.59
Yes No	88	8.41	1046	100.00

Visual arts subjects: # of general art sections or classes taught (topcoded)

T_Q6AC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	146	13.96	146	13.96
1	74	7.07	220	21.03
2	119	11.38	339	32.41
3	125	11.95	464	44.36
4	112	10.71	576	55.07
5	147	14.05	723	69.12
6	187	17.88	910	87.00
7	34	3.25	944	90.25
8	26	2.49	970	92.73
9	7	0.67	977	93.40
10	13	1.24	990	94.65
11 or more	56	5.35	1046	100.00

Visual arts subjects: Enrollment in general art classes taught (topcoded)

T_Q6AD	Frequency	Percent	Cumulative Frequency	
Inapplicable	146	13.96	146	13.96
1-20	31	2.96	177	16.92
21-30	50	4.78	227	21.70
31-40	50	4.78	277	26.48
41-50	59	5.64	336	32.12
51-60	67	6.41	403	38.53
61-70	34	3.25	437	41.78
71-80	58	5.54	495	47.32
81-90	49	4.68	544	52.01
91-100	65	6.21	609	58.22
101-110	39	3.73	648	61.95
111-120	61	5.83	709	67.78
121-130	49	4.68	758	72.47
131-140	35	3.35	793	75.81
141-150	58	5.54	851	81.36
151-160	30	2.87	881	84.23
161-170	21	2.01	902	86.23
171-180	25	2.39	927	88.62
181-190	12	1.15	939	89.77
191-200	12	1.15	951	90.92
More than 200	95	9.08	1046	100.00

Analysis Variable : Q6AE Visual arts subjects: Minutes per week teaching general art

St	um Min	imum Maxim	num Std De	ev
888910.	-8.000	0000 2100.	.00 545.542763	16

Visual arts subjects: School offers painting/drawing

Q6BA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	411	39.29	411	39.29
No	635	60.71	1046	100.00

Visual arts subjects: Teacher teaches painting/drawing

Q6BB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	635	60.71	635	60.71
Yes	265	25.33	900	86.04
No	146	13.96	1046	100.00

Visual arts subjects: # of painting/drawing sections or classes taught (topcoded)

T_Q6BC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	781	74.67	781	74.67
1	113	10.80	894	85.47
2	76	7.27	970	92.73
3	38	3.63	1008	96.37
4	22	2.10	1030	98.47
5	11	1.05	1041	99.52
6 or more	5	0.48	1046	100.00

Visual arts subjects: Enrollment in painting/drawing classes taught (topcoded)

T_Q6BD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	781	74.67	781	74.67
1-10	15	1.43	796	76.10
11-20	58	5.54	854	81.64
21-30	50	4.78	904	86.42
31-40	34	3.25	938	89.67
41-50	34	3.25	972	92.93
51-60	23	2.20	995	95.12
61-70	6	0.57	1001	95.70
71-80	10	0.96	1011	96.65
81-100	11	1.05	1022	97.71
101-120	11	1.05	1033	98.76
121-150	5	0.48	1038	99.24
More than 150	8	0.76	1046	100.00

Analysis Variable : Q6BE Visual arts subjects: Minutes per week teaching painting/drawing

	Sum	Minimum	Maximum	Std Dev
1132	17.00	-8.0000000	2100.00	250.9430362

Visual arts subjects: School offers photography

			Cumulative	Cumulative
Q6CA	Frequency	Percent	Frequency	Percent
Yes	287	27.44	287	27.44
No	759	72.56	1046	100.00

Visual arts subjects: Teacher teaches photography

Q6CB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	759	72.56	759	72.56
Yes	117	11.19	876	83.75
No	170	16.25	1046	100.00

Visual arts subjects: # of photography sections or classes taught (topcoded)

T_Q6CC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	929	88.81	929	88.81
1	43	4.11	972	92.93
2	30	2.87	1002	95.79
3	11	1.05	1013	96.85
4	14	1.34	1027	98.18
5	5	0.48	1032	98.66
6	9	0.86	1041	99.52
7 or more	5	0.48	1046	100.00

Visual arts subjects: Enrollment in photography classes taught (topcoded)

T_Q6CD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	929	88.81	929	88.81
1-10	15	1.43	944	90.25
11-20	21	2.01	965	92.26
21-30	19	1.82	984	94.07
31-40	12	1.15	996	95.22
41-50	5	0.48	1001	95.70
51-60	6	0.57	1007	96.27
61-70	9	0.86	1016	97.13
71-100	6	0.57	1022	97.71
101-120	8	0.76	1030	98.47
121-150	7	0.67	1037	99.14
More than 150	9	0.86	1046	100.00

Analysis Variable: Q6CE Visual arts subjects: Minutes per week teaching photography

Sum	Minimum	Maximum	Std Dev
55506.00	-8.000000	2160.00	217.3890644

Visual arts subjects: School offers graphic design

			Cumulative	Cumulative
Q6DA	Frequency	Percent	Frequency	Percent
Yes	266	25.43	266	25.43
No	780	74.57	1046	100.00

Visual arts subjects: Teacher teaches graphic design

Q6DB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	780	74.57	780	74.57
Yes	109	10.42	889	84.99
No	157	15.01	1046	100.00

Visual arts subjects: # of graphic design sections or classes taught (topcoded)

T_Q6DC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	937	89.58	937	89.58
1	58	5.54	995	95.12
2	21	2.01	1016	97.13
3	13	1.24	1029	98.37
4	7	0.67	1036	99.04
5	5	0.48	1041	99.52
6 or more	5	0.48	1046	100.00

Visual arts subjects: Enrollment in graphic design classes taught (topcoded)

T_Q6DD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	937	89.58	937	89.58
1-10	15	1.43	952	91.01
11-20	33	3.15	985	94.17
21-30	13	1.24	998	95.41
31-40	11	1.05	1009	96.46
41-50	6	0.57	1015	97.04
51-60	6	0.57	1021	97.61
61-80	9	0.86	1030	98.47
81-100	5	0.48	1035	98.95
More than 100	11	1.05	1046	100.00

38821 00 =8 0000000 1890 00 167 3679425	Sum	Minimum	Maximum	Std Dev
30021.00 0.000000 107.3079423	38821.00	-8.0000000	1890.00	167.3679425

Visual arts subjects: School offers art history

			Cumulative	Cumulative
Q6EA	Frequency	Percent	Frequency	Percent
Yes	136	13.00	136	13.00
No	910	87.00	1046	100.00

Visual arts subjects: Teacher teaches art history

Q6EB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable Yes	910 41	87.00 3.92	910 951	87.00 90.92
No	95	9.08	1046	100.00

Visual arts subjects: # of art history sections or classes taught (topcoded)

T_Q6EC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	1005	96.08	1005	96.08
1	32	3.06	1037	99.14
2 or more	9	0.86	1046	100.00

Visual arts subjects: Enrollment in art history classes taught (topcoded)

T_Q6ED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	1005	96.08	1005	96.08
1-10	8	0.76	1013	96.85
11-20	17	1.63	1030	98.47
21-30	10	0.96	1040	99.43
More than 30	6	0.57	1046	100.00

Analysis Variable : Q6EE Visual arts subjects: Minutes per week teaching art history

3569.00 -8.0000000 500.0000000 59.8471211		Sum	Minimum	Maximum	Std Dev
3303.00	3	3569.00 -	8.0000000	500.0000000	59.8471211

Visual arts subjects: School offers other visual arts

Q6FA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	464	44.36	464	44.36
No	582	55.64	1046	100.00

Visual arts subjects: Teacher teaches other visual arts

Q6FB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	582	55.64	582	55.64
Yes	339	32.41	921	88.05
No	125	11.95	1046	100.00

Visual arts subjects: # of other visual arts sections or classes taught (topcoded)

T_Q6FC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	707	67.59	707	67.59
1	138	13.19	845	80.78
2	78	7.46	923	88.24
3	42	4.02	965	92.26
4	31	2.96	996	95.22
5	23	2.20	1019	97.42
6	15	1.43	1034	98.85
7 or more	12	1.15	1046	100.00

Visual arts subjects: Enrollment in other visual arts classes taught (topcoded)

T_Q6FD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	707	67.59	707	67.59
1-10	28	2.68	735	70.27
11-20	71	6.79	806	77.06
21-30	69	6.60	875	83.65
31-40	34	3.25	909	86.90
41-50	27	2.58	936	89.48
51-60	16	1.53	952	91.01
61-70	10	0.96	962	91.97
71-80	23	2.20	985	94.17
81-90	11	1.05	996	95.22
91-100	10	0.96	1006	96.18
101-120	8	0.76	1014	96.94
121-140	9	0.86	1023	97.80
141-160	8	0.76	1031	98.57
More than 160	15	1.43	1046	100.00

Analysis Variable : Q6FE Visual arts subjects: Minutes per week teaching other visual arts

Sum	Minimum	Maximum	Std Dev
172943.00	-8.000000	2160.00	328.3835543

Analysis Variable : Q7A Teaching at other schools: # of visual arts sections or classes taught

Sum	Minimum	Maximum	Std Dev
-6606.00	-8.0000000	25.0000000	5.0754960

Analysis Variable : Q7B Teaching at other schools: Enrollment in visual arts sections or classes taught

	Sum 1	Minimum 	Maximum	Std Dev
9268.	.00 -8.	0000000 528.	.0000000 62.	8733033

Analysis Variable : Q7C Teaching at other schools: Hours per week teaching visual arts

Sum	Minimum	Maximum	Std Dev
-6031.00	-8.0000000	28.0000000	6.5764270

Teach visual arts on block schedule

Q8	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes (Specify)	299	28.59	299	28.59
	747	71.41	1046	100.00

Teach visual arts classes outside of regular school hours

Q9	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes (Specify)	32	3.06	32	3.06
No	1014	96.94	1046	100.00

Teaching certificate: Hold general ed certificate

			Cumulative	Cumulative
Q10AA	Frequency	Percent	Frequency	Percent
Yes	245	23.42	245	23.42
No	801	76.58	1046	100.00

Teaching certificate: Type of general ed certificate

Q10AB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	801	76.58	801	76.58
Regular/standard/professional	233	22.28	1034	98.85
Probationary	5	0.48	1039	99.33
Provisional/temporary/emergency	7	0.67	1046	100.00

Teaching certificate: Hold art ed certificate

			Cumulative	Cumulative
Q10BA	Frequency	Percent	Frequency	Percent
Yes	993	94.93	993	94.93
No	53	5.07	1046	100.00

Teaching certificate: Type of art ed certificate

Q10BB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	53	5.07	53	5.07
Regular/standard/professional	939	89.77	992	94.84
Probationary	31	2.96	1023	97.80
Provisional/temporary/emergency	23	2.20	1046	100.00

Teaching certificate: Hold other certificate

			Cumulative	Cumulative
Q10CA	Frequency	Percent	Frequency	Percent
Yes	241	23.04	241	23.04
No	805	76.96	1046	100.00

Teaching certificate: Type of other certificate

Q10CB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	805	76.96	805	76.96
Regular/standard/professional	226	21.61	1031	98.57
Probationary	4	0.38	1035	98.95
Provisional/temporary/emergency	11	1.05	1046	100.00

Degree info: Hold bachelor's

Q11AA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1033	98.76	1033	98.76
No		1.24	1046	100.00

### Analysis Variable : T\_Q11AB Degree info: Year of bachelor's (topcoded)

Sum	Minimum	Maximum	Std Dev
2035691.00	-8.0000000	2009.00	292.7904222

Degree info: Bachelor's with major or minor in visual arts education

BACH_			Cumulative	Cumulative
VISED	Frequency	Percent	Frequency	Percent
yes	460	43.98	460	43.98
no	586	56.02	1046	100.00

Degree info: Bachelor's with major or minor in visual arts

BACH_ VISARTS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
yes	597	57.07	597	57.07
no	449	42.93	1046	100.00

Degree info: Bachelor's with major or minor in education (other than visual arts ed)

			Cumulative	Cumulative
BACH_EDU	Frequency	Percent	Frequency	Percent
	100		105	1011
yes	127	12.14	127	12.14
no	919	87.86	1046	100.00

Degree info: Bachelor's with major or minor in other field

BACH_ OTHER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
yes	253	24.19	253	24.19
no	793	75.81	1046	

Degree info: Hold master's

Q11BA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	511	48.85	511	48.85
No	535	51.15	1046	100.00

Analysis Variable : T\_Q11BB Degree info: Year of master's (topcoded)

Sum	Minimum	Maximum	Std Dev
897459.00	-8.000000	2010.00	994.1262707

Degree info: Hold doctorate

			Cumulative	Cumulative
Q11CA	Frequency	Percent	Frequency	Percent
Yes	4	0.38	4	0.38
No	1042	99.62	1046	100.00

Degree info: Graduate degree with major or minor in visual arts education

GRAD_ VISED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
yes	162	15.49	162	15.49
no	884	84.51	1046	100.00

Degree info: Graduate degree with major or minor in visual arts

GRAD_			Cumulative	Cumulative
VISARTS	Frequency	Percent	Frequency	Percent
yes	135	12.91	135	12.91
no	911	87.09	1046	100.00

Degree info: Graduate degree with major or minor in education (other than visual arts ed)

			Cumulative	Cumulative
GRAD_EDU	Frequency	Percent	Frequency	Percent
yes	201	19.22	201	19.22
no	845	80.78	1046	100.00

Degree info: Graduate degree with major or minor in other field

GRAD_			Cumulative	Cumulative
OTHER	Frequency	Percent	Frequency	Percent
yes	78	7.46	78	7.46
no	968	92.54	1046	100.00

Degree info: Hold other degree

			Cumulative	Cumulative
Q11DA	Frequency	Percent	Frequency	Percent
Yes	67	6.41	67	6.41
No	979	93.59	1046	100.00

Degree info: Year of other degree (topcoded)

T_Q11DB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	979	93.59	979	93.59
Prior to 1981	11	1.05	990	94.65
1981-1990	10	0.96	1000	95.60
1991-2000	20	1.91	1020	97.51
2001 or later	26	2.49	1046	100.00

Degree info: Bachelor's or graduate degree with major or minor in visual arts or visual arts education

DEG1_ INFIELD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
yes	984	94.07	984	94.07
no	62	5.93	1046	100.00

Analysis Variable : Q12 # hours of planning time per week during regular school hours

Sum	Minimum	Maximum	Std Dev
5334.00	0	15.0000000	2.0551394

# years taught visual arts in K-12 public and private schools (topcoded)

	T_Q13	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1		39	3.73	39	3.73
2		58	5.54	97	9.27
3		50	4.78	147	14.05
4		48	4.59	195	18.64
5		61	5.83	256	24.47
6		42	4.02	298	28.49
7		37	3.54	335	32.03
8		41	3.92	376	35.95
9		43	4.11	419	40.06
10		45	4.30	464	44.36
11		29	2.77	493	47.13
12		42	4.02	535	51.15
13		33	3.15	568	54.30
14		33	3.15	601	57.46
15		36	3.44	637	60.90
16		25	2.39	662	63.29
17		27	2.58	689	65.87
18		22	2.10	711	67.97
19		15	1.43	726	69.41
20		31	2.96	757	72.37
21		28	2.68	785	75.05
22		20	1.91	805	76.96
23		18	1.72	823	78.68
24		25	2.39	848	81.07
25		23	2.20	871	83.27
26		22	2.10	893	85.37
27		11	1.05	904	86.42
28		8	0.76	912	87.19
29		15	1.43	927	88.62
30		25	2.39	952	91.01
31		11	1.05	963	92.07
32		18	1.72	981	93.79
33		16	1.53	997	95.32
34		9	0.86	1006	96.18
35		10	0.96	1016	97.13
36		11	1.05	1027	98.18
37 o	r more	19	1.82	1046	100.00

Prof develop: Hours last 12 months in applied study in art studio

	Q14AA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None		537	51.34	537	51.34
1-8 hours		301	28.78	838	80.11
More than 8	hours	208	19.89	1046	100.00

Prof develop: Improved teaching in applied study in art studio

Q14AB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	537	51.34	537	51.34
Not at all	8	0.76	545	52.10
Small extent	88	8.41	633	60.52
Moderate extent	199	19.02	832	79.54
Great extent	214	20.46	1046	100.00

Prof develop: Hours last 12 months in developing knowledge about visual arts

Q14BA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None	520	49.71	520	49.71
1-8 hours	359	34.32	879	84.03
More than 8 hours	167	15.97	1046	100.00

Prof develop: Improved teaching in developing knowledge about visual arts

Q14BB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	520	49.71	520	49.71
Not at all	14	1.34	534	51.05
Small extent	111	10.61	645	61.66
Moderate extent	237	22.66	882	84.32
Great extent	164	15.68	1046	100.00

Prof develop: Hours last 12 months in connecting visual arts learning with other subjects

(	Q14CA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None		456	43.59	456	43.59
1-8 hours		449	42.93	905	86.52
More than 8 h	nours	141	13.48	1046	100.00

Prof develop: Improved teaching in connecting visual arts learning with other subjects

Q14CB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	456	43.59	456	43.59
Not at all	21	2.01	477	45.60
Small extent	177	16.92	654	62.52
Moderate extent	257	24.57	911	87.09
Great extent	135	12.91	1046	100.00

Prof develop: Hours last 12 months in research on arts & student learning

Q14DA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None 1-8 hours	607 311	58.03 29.73	607 918	58.03 87.76
More than 8 hours	128	12.24	1046	100.00

Prof develop: Improved teaching in research on arts & student learning

Q14DB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	607	58.03	607	58.03
Not at all	15	1.43	622	59.46
Small extent	128	12.24	750	71.70
Moderate extent	197	18.83	947	90.54
Great extent	99	9.46	1046	100.00

Prof develop: Hours last 12 months in integrating ed techn into visual arts instruction

	Q14EA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None		438	41.87	438	41.87
1-8 hours		441	42.16	879	84.03
More than 8	hours	167	15.97	1046	100.00

Prof develop: Improved teaching in integrating ed techn into visual arts instruction

Q14EB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable Not at all Small extent Moderate extent Great extent	438	41.87	438	41.87
	18	1.72	456	43.59
	176	16.83	632	60.42
	261	24.95	893	85.37
	153	14.63	1046	100.00

Prof develop: Hours last 12 months in state or district standards

	Q14FA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None		225	21.51	225	21.51
1-8 hours		505	48.28	730	69.79
More than 8	hours	316	30.21	1046	100.00

Prof develop: Improved teaching in state or district standards

Q14FB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	225	21.51	225	21.51
Not at all	71	6.79	296	28.30
Small extent	322	30.78	618	59.08
Moderate extent	299	28.59	917	87.67
Great extent	129	12.33	1046	100.00

Prof develop: Hours last 12 months in student assessment

	Q14GA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None		239	22.85	239	22.85
1-8 hours		541	51.72	780	74.57
More than 8	hours	266	25.43	1046	100.00

Prof develop: Improved teaching in student assessment

Q14GB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	239	22.85	239	22.85
Not at all	58	5.54	297	28.39
Small extent	310	29.64	607	58.03
Moderate extent	306	29.25	913	87.28
Great extent	133	12.72	1046	100.00

Prof develop: Hours last 12 months in subject unrelated to visual arts

	Q14HA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None		662	63.29	662	63.29
1-8 hours		197	18.83	859	82.12
More than 8	hours	187	17.88	1046	100.00

Prof develop: Improved teaching in subject unrelated to visual arts

Q14HB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	662	63.29	662	63.29
Not at all	58	5.54	720	68.83
Small extent	121	11.57	841	80.40
Moderate extent	132	12.62	973	93.02
Great extent	73	6.98	1046	100.00

Teaching activities: Common planning period with arts specialists

Q15A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	507	48.47	507	48.47
A few times a year	234	22.37	741	70.84
Once a month	81	7.74	822	78.59
2 to 3 times a month	67	6.41	889	84.99
At least once a week	157	15.01	1046	100.00

Q15B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	412	39.39	412	39.39
A few times a year	496	47.42	908	86.81
Once a month	70	6.69	978	93.50
2 to 3 times a month	47	4.49	1025	97.99
At least once a week	21	2.01	1046	100.00

Teaching activities: Consulted with teachers to incorporate other subjects in visual arts  $$\operatorname{curriculum}$$ 

Q15C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	366	34.99	366	34.99
A few times a year	520	49.71	886	84.70
Once a month	86	8.22	972	92.93
2 to 3 times a month	50	4.78	1022	97.71
At least once a week	24	2.29	1046	100.00

Teaching activities: Shared ideas with teachers outside school

Q15D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	202	19.31	202	19.31
A few times a year	531	50.76	733	70.08
Once a month	171	16.35	904	86.42
2 to 3 times a month	80	7.65	984	94.07
At least once a week	62	5.93	1046	100.00

Teaching activities: Visited classrooms of colleagues teaching visual arts

Q15E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	538	51.43	538	51.43
A few times a year	345	32.98	883	84.42
Once a month	48	4.59	931	89.01
2 to 3 times a month	25	2.39	956	91.40
At least once a week	90	8.60	1046	100.00

Teaching activities: Participated in site-based management

Q15F	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	393	37.57	393	37.57
A few times a year	349	33.37	742	70.94
Once a month	173	16.54	915	87.48
2 to 3 times a month	92	8.80	1007	96.27
At least once a week	39	3.73	1046	100.00

Teaching activities: Taught visual arts with virtual field trips

Q15G	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	625	59.75	625	59.75
A few times a year	289	27.63	914	87.38
Once a month	57	5.45	971	92.83
2 to 3 times a month	44	4.21	1015	97.04
At least once a week	31	2.96	1046	100.00

Visual arts program: Based on curriculum guide

Q16A	Frequency	Percent	Cumulative Frequency	
Yes No	674 331	64.44 31.64	674 1005	64.44 96.08
Don't know	41	3.92	1046	100.00

Visual arts program: Aligned with state or national standards

Q16B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1014	96.94	1014	96.94
No	21	2.01	1035	98.95
Don't know	11	1.05	1046	100.00

Visual arts program: Integrated with other arts subjects

Q16C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	605	57.84	605	57.84
No	380	36.33	985	94.17
Don't know	61	5.83	1046	100.00

Visual arts program: Integrated with other academic subjects

Q16D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	548	52.39	548	52.39
No	423	40.44	971	92.83
Don't know	75	7.17	1046	100.00

Agreement with: Parents support me

Q17A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly disagree	50	4.78	50	4.78
Somewhat disagree	111	10.61	161	15.39
Somewhat agree	523	50.00	684	65.39
Strongly agree	362	34.61	1046	100.00

Agreement with: Administration supports me

Q17B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly disagree	50	4.78	50	4.78
Somewhat disagree	89	8.51	139	13.29
Somewhat agree	336	32.12	475	45.41
Strongly agree	571	54.59	1046	100.00

Agreement with: Students motivated to do well in visual arts class

Q17C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly disagree	45	4.30	45	4.30
Somewhat disagree	112	10.71	157	15.01
Somewhat agree	470	44.93	627	59.94
Strongly agree	419	40.06	1046	100.00

Agreement with: Community organizations/groups support my efforts

Q17D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly disagree	91	8.70	91	8.70
Somewhat disagree	172	16.44	263	25.14
Somewhat agree	499	47.71	762	72.85
Strongly agree	284	27.15	1046	100.00

Support for visual arts in school: Instructional time with students

Q18A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate	29	2.77	29	2.77
Minimally adequate	140	13.38	169	16.16
Moderately adequate	464	44.36	633	60.52
Completely adequate	413	39.48	1046	100.00

Support for visual arts in school: Time for individual or collaborative planning

Q18B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate Minimally adequate	180	17.21	180	17.21
	280	26.77	460	43.98
Moderately adequate Completely adequate	352	33.65	812	77.63
	234	22.37	1046	100.00

Support for visual arts in school: Dedicated space for visual arts

Q18C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate	64	6.12	64	6.12
Minimally adequate	140	13.38	204	19.50
Moderately adequate	301	28.78	505	48.28
Completely adequate	541	51.72	1046	100.00

Support for visual arts in school: Dedicated space for exhibition

Q18D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate	167	15.97	167	15.97
Minimally adequate	287	27.44	454	43.40
Moderately adequate	326	31.17	780	74.57
Completely adequate	266	25.43	1046	100.00

Support for visual arts in school: Dedicated space for storage

Q18E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate	106	10.13	106	10.13
Minimally adequate	216	20.65	322	30.78
Moderately adequate	343	32.79	665	63.58
Completely adequate	381	36.42	1046	100.00

Support for visual arts in school: Instructional resources

Q18F	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate	73	6.98	73	6.98
Minimally adequate	236	22.56	309	29.54
Moderately adequate	415	39.67	724	69.22
Completely adequate	322	30.78	1046	100.00

### Support for visual arts in school: Art materials

Q18G	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate	66	6.31	66	6.31
Minimally adequate	187	17.88	253	24.19
Moderately adequate	415	39.67	668	63.86
Completely adequate	378	36.14	1046	100.00

Support for visual arts in school: Art tools

Q18H	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate	53	5.07	53	5.07
Minimally adequate	213	20.36	266	25.43
Moderately adequate	408	39.01	674	64.44
Completely adequate	372	35.56	1046	100.00

Support for visual arts in school: Classroom equipment

Q18I	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate	110	10.52	110	10.52
Minimally adequate	268	25.62	378	36.14
Moderately adequate	395	37.76	773	73.90
Completely adequate	273	26.10	1046	100.00

Support for visual arts in school: Technologies

Q18J	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all adequate	218	20.84	218	20.84
Minimally adequate	302	28.87	520	49.71
Moderately adequate Completely adequate	307	29.35	827	79.06
	219	20.94	1046	100.00

Emphasize goal: Creating works in a broad range of art

Q19A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No emphasis Minor emphasis	5 81	0.48	5 86	0.48
Moderate emphasis Major emphasis	407 553	38.91 52.87	493 1046	47.13 100.00

Emphasize goal: Understanding & applying various media, techniques, & processes

Q19B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No emphasis Minor emphasis	2 24	0.19 2.29	2 26	0.19
Moderate emphasis Major emphasis	196 824	18.74 78.78	222 1046	21.22 100.00

Emphasize goal: Using knowledge of elements, functions, & principles of art

Q19C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Minor emphasis	25	2.39	25	2.39
Moderate emphasis	199	19.02	224	21.41
Major emphasis	822	78.59	1046	100.00

Emphasize goal: Choosing & evaluating a range of subject matter, symbols, ideas

Q19D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No emphasis	3	0.29	3	0.29
Minor emphasis	72	6.88	75	7.17
Moderate emphasis	403	38.53	478	45.70
Major emphasis	568	54.30	1046	100.00

Emphasize goal: Learning about the expressive possibilities of visual arts

Q19E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No emphasis	1	0.10	1	0.10
Minor emphasis	87	8.32	88	8.41
Moderate emphasis	372	35.56	460	43.98
Major emphasis	586	56.02	1046	100.00

Emphasize goal: Reflecting upon & assessing own work & work of others

Q19F	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No emphasis	3	0.29	3	0.29
Minor emphasis	125	11.95	128	12.24
Moderate emphasis	464	44.36	592	56.60
Major emphasis	454	43.40	1046	100.00

Emphasize goal: Making connections between visual arts, other arts, and disciplines outside arts

Q19G	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No emphasis	12	1.15	12	1.15
Minor emphasis	209	19.98	221	21.13
Moderate emphasis	474	45.32	695	66.44
Major emphasis	351	33.56	1046	100.00

Emphasize goal: Understanding visual arts in history & cultures

Q19H	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No emphasis	5	0.48	 5	0.48
Minor emphasis	170	16.25	175	16.73
Moderate emphasis	467	44.65	642	61.38
Major emphasis	404	38.62	1046	100.00

Emphasize goal: Using technology to gain knowledge & skills in visual arts

Q19I	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No emphasis	66	6.31	66	6.31
Minor emphasis	341	32.60	407	38.91
Moderate emphasis	393	37.57	800	76.48
Major emphasis	246	23.52	1046	100.00

Do not conduct formal assessment in visual arts

			Cumulative	Cumulative
Q20BOX	Frequency	Percent	Frequency	Percent
Not checked	1033	98.76	1033	98.76
Checked	13	1.24	1046	100.00

### Assess progress using: Observation

ncy Percent		
13 1.24	13	1.24
4 0.38	17	1.63
36 3.44	53	5.07
17.50	236	22.56
10 77.44	1046	100.00
	13 1.24 4 0.38 36 3.44 33 17.50	13 1.24 13 4 0.38 17 36 3.44 53 33 17.50 236

Assess progress using: Selected-response assessments

Q20B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	13	1.24	13	1.24
Not at all	229	21.89	242	23.14
Small extent	483	46.18	725	69.31
Moderate extent	244	23.33	969	92.64
Great extent	77	7.36	1046	100.00

Assess progress using: Assessments with short written answers or essays

Q20C	Frequency	Percent	Cumulative Frequency	
Inapplicable	13	1.24	13	1.24
Not at all	98	9.37	111	10.61
Small extent	403	38.53	514	49.14
Moderate extent	349	33.37	863	82.50
Great extent	183	17.50	1046	100.00

Assess progress using: Performance tasks or projects

Q20D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	13	1.24	13	1.24
Not at all	8	0.76	21	2.01
Small extent	12	1.15	33	3.15
Moderate extent	81	7.74	114	10.90
Great extent	932	89.10	1046	100.00

Assess progress using: Portfolio collection of student work

Q201	E Frequency	Percent	Cumulative Frequency	
Inapplicable	13	1.24	13	1.24
Not at all	93	8.89	106	10.13
Small extent	170	16.25	276	26.39
Moderate exten	t 295	28.20	571	54.59
Great extent	475	45.41	1046	100.00

Assess progress using: Developed rubrics

Q20F	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Inapplicable	13	1.24	13	1.24
Not at all	45	4.30	58	5.54
Small extent	118	11.28	176	16.83
Moderate extent	313	29.92	489	46.75
Great extent	557	53.25	1046	100.00

#### Assess progress using: Other types of assessment

Frequency	Percent	Cumulative Frequency	Cumulative Percent
13	1.24	13	1.24
851	81.36	864	82.60
17	1.63	881	84.23
71	6.79	952	91.01
94	8.99	1046	100.00
	13 851 17 71	13 1.24 851 81.36 17 1.63 71 6.79	Frequency         Percent         Frequency           13         1.24         13           851         81.36         864           17         1.63         881           71         6.79         952

Outside of school: Teach art at studio or gallery

Q21A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	819	78.30	819	78.30
Small extent	131	12.52	950	90.82
Moderate extent	57	5.45	1007	96.27
Great extent	39	3.73	1046	100.00

Outside of school: Create works of art

Q21B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	21	2.01	21	2.01
Small extent	240	22.94	261	24.95
Moderate extent	434	41.49	695	66.44
Great extent	351	33.56	1046	100.00

Outside of school: Exhibit works of art

Q21C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	332	31.74	332	31.74
Small extent	368	35.18	700	66.92
Moderate extent	215	20.55	915	87.48
Great extent	131	12.52	1046	100.00

Outside of school: View & respond to works of art at museums or galleries

Q21D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	90	8.60	90	8.60
Small extent	275	26.29	365	34.89
Moderate extent	407	38.91	772	73.80
Great extent	274	26.20	1046	100.00

Outside of school: Study, critique, or write about art

Q21E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	320	30.59	320	30.59
Small extent	363	34.70	683	65.30
Moderate extent Great extent	234	22.37	917	87.67
	129	12.33	1046	100.00

Outside of school: Provide arts leadership in community

Q21F	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	448	42.83	448	42.83
Small extent	333	31.84	781	74.67
Moderate extent	168	16.06	949	90.73
Great extent	97	9.27	1046	100.00

## Outside of school: Attend workshops with professional artists

Q21G	Frequency	, Percent	Cumulative Frequency	Cumulative Percent
ot at all mall extent oderate extent reat extent	171 390 330 155	37.28	171 561 891 1046	16.35 53.63 85.18 100.00
	imputation	flag for ques	tion Q6AC	
I_Q6AC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1036 10	99.04 0.96	1036 1046	99.04 100.00
	imputation	flag for ques	tion Q6AD	
I_Q6AD	Frequency	Percent	Cumulative Frequency	
Not imputed Imputed	1034 12	98.85 1.15	1034 1046	98.85 100.00
	imputation	flag for ques	tion Q6AE	
I_Q6AE	Frequency	Percent	Cumulative Frequency	
Not imputed Imputed	1033 13		1033 1046	98.76 100.00
	imputation	flag for ques	tion Q6BA	
I_Q6BA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81 100.00
	imputation	flag for ques	tion Q6BC	
	Frequency	Percent	Cumulative Frequency	
Not imputed Imputed	1042	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for ques	tion Q6BD	
I_Q6BD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed		99.52 0.48	1041 1046	99.52 100.00
	imputation	flag for ques	tion Q6BE	
	Frequency		Cumulative Frequency	Percent
Not imputed Imputed	1042 4	99.62 0.38	1042 1046	99.62

### imputation flag for question Q6CA

I_Q6CA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81	1044 1046	99.81
	imputation	flag for que	stion Q6CC	
I_Q6CC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043	99.71 0.29	1043 1046	99.71 100.00
	imputation	flag for que	stion Q6CD	
I_Q6CD	Frequency	Percent		Cumulative Percent
Not imputed Imputed	1042	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for que	stion Q6CE	
I_Q6CE	Frequency	Percent		Cumulative Percent
Not imputed Imputed	1042	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for que	stion Q6DA	
I_Q6DA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81	1044 1046	99.81
	imputation	flag for que	stion Q6DC	
I_Q6DC	Frequency	Percent	Cumulative Frequency	
Not imputed Imputed	1040 6	99.43 0.57	1040 1046	99.43 100.00
	imputation	flag for que	stion Q6DD	
I_Q6DD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1040	99.43	1040 1046	99.43
	imputation	flag for que	stion Q6DE	
I_Q6DE	Frequency		Cumulative Frequency	Percent
Not imputed Imputed		99.33	1039	99.33
	imputation	flag for que	stion Q6EA	
I_Q6EA	Frequency	Percent	Cumulative Frequency	Percent
Not imputed Imputed	1044	99.81	1044 1046	99.81

## imputation flag for question Q6EC

I_Q6EC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044 2	99.81 0.19	1044 1046	99.81
	imputation	flag for que	stion Q6ED	
I_Q6ED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043 3	99.71 0.29	1043 1046	99.71 100.00
	imputation	flag for que	stion Q6EE	
I_Q6EE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043 3	99.71 0.29	1043 1046	99.71
	imputation	flag for que	stion Q6FA	
I_Q6FA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81	1044 1046	99.81
	imputation	flag for que	stion Q6FB	
I_Q6FB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1045 1	99.90 0.10	1045 1046	99.90
	imputation	flag for que	stion Q6FC	
I_Q6FC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81 100.00
	imputation	flag for que	stion Q6FD	
I_Q6FD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1042 4	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for que	stion Q6FE	
I_Q6FE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81 100.00
	imputatior	n flag for qu	estion Q7A	
I_Q7A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043 3	99.71 0.29	1043 1046	99.71

### imputation flag for question Q7B

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I_Q7B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043	99.71 0.29	1043 1046	99.71
	imputation	flag for qu	estion Q7C	
I_Q7C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81 100.00
	imputation	flag for qu	estion Q9	
I_Q9	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1045	99.90 0.10	1045 1046	99.90 100.00
	imputation	flag for que	stion Q10AB	
I_Q10AB	Frequency		Cumulative Frequency	
Not imputed Imputed	1042 4	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for que	stion Q10BB	
I_Q10BB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1045 1	99.90 0.10	1045 1046	99.90
	imputation	flag for que	stion Q10CB	
I_Q10CB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1041 5	99.52 0.48	1041 1046	99.52 100.00
	imputation	flag for que	stion Q11AA	
I_Q11AA	Frequency		Cumulative Frequency	
Not imputed Imputed		99.62 0.38	1042 1046	
	imputation	flag for que	stion Q11AB	
I_Q11AB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed			985 1046	
	imputation	flag for que	stion Q11BB	
I_Q11BB	Frequency	Percent	Cumulative Frequency	Percent
Not imputed Imputed	1013	96.85 3.15	1013	96.85 100.00

### imputation flag for question Q11DB

	-	J 1	~	
I_Q11DB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1042	99.62 0.38	1042 1046	99.62
	imputation	flag for qu	estion Q12	
I_Q12	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1041 5	99.52 0.48	1041 1046	99.52 100.00
	imputation	flag for qu	estion Q13	
I_Q13	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044 2	99.81 0.19	1044 1046	99.81
	imputation	flag for que	stion Q14AA	
I_Q14AA	Frequency		Cumulative Frequency	
Not imputed Imputed	1042	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for que	stion Q14AB	
I_Q14AB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1032 14	98.66 1.34	1032 1046	98.66 100.00
	imputation	flag for que	stion Q14BA	
I_Q14BA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1037 9	99.14 0.86	1037 1046	99.14 100.00
	imputation	flag for que	stion Q14BB	
I_Q14BB	Frequency		Cumulative Frequency	
Not imputed Imputed		97.90 2.10		97.90 100.00
	imputation	flag for que	stion Q14CA	
I_Q14CA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1042 4	99.62 0.38	1042 1046	
	imputation	flag for que	stion Q14CB	
I_Q14CB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1022 24	97.71 2.29	1022 1046	97.71 100.00

## imputation flag for question Q14DA

I_Q14DA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1032 14	98.66 1.34	1032 1046	98.66 100.00
	imputation	flag for que	stion Q14DB	
I_Q14DB	Frequency	Percent	Cumulative Frequency	
Not imputed Imputed	1025 21	97.99 2.01	1025 1046	97.99 100.00
	imputation	flag for que	stion Q14EA	
I_Q14EA	Frequency	Percent		Cumulative Percent
Not imputed Imputed	1034 12	98.85 1.15	1034 1046	98.85 100.00
	imputation	flag for que	stion Q14EB	
I_Q14EB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1017 29	97.23 2.77	1017 1046	97.23 100.00
	imputation	flag for que	stion Q14FA	
I_Q14FA	Frequency	Percent		Cumulative Percent
Not imputed Imputed	1037 9	99.14	1037 1046	99.14
	imputation	flag for que	stion Q14FB	
I_Q14FB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1005 41	96.08 3.92	1005 1046	96.08 100.00
	imputation	flag for que	stion Q14GA	
I_Q14GA			Frequency	
Not imputed Imputed			1033 1046	
	imputation	flag for que	stion Q14GB	
I_Q14GB	Frequency		Cumulative Frequency	Percent
Not imputed Imputed		95.89	1003	95.89 100.00
	imputation	flag for que	stion Q14HA	
I_Q14HA	Frequency			
Not imputed Imputed	1044	99.81 0.19	1044	99.81 100.00

## imputation flag for question Q14HB

I_Q14HB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1030 16	98.47 1.53	1030 1046	98.47 100.00
	imputation	flag for que	stion Q15A	
I_Q15A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043	99.71 0.29	1043 1046	99.71 100.00
	imputation	flag for que	stion Q15C	
I_Q15C	Frequency	Percent	Cumulative Frequency	
Not imputed Imputed	1043		1043 1046	99.71
	imputation	flag for que	stion Q15D	
I_Q15D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1041 5	99.52 0.48	1041 1046	99.52 100.00
	imputation	flag for que	stion Q15E	
I_Q15E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043	99.71 0.29	1043 1046	99.71 100.00
	imputation	flag for que	stion Q15F	
I_Q15F	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1036 10	99.04	1036 1046	99.04
	imputation	flag for que	stion Q15G	
I_Q15G	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1042	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for que	stion Q17A	
I_Q17A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1042 4		1042 1046	99.62 100.00
	imputation	flag for que	stion Q17B	
I_Q17B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043	99.71 0.29	1043 1046	99.71 100.00

## imputation flag for question Q17C

I_Q17C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81	1044 1046	99.81
	imputation	flag for que	stion Q17D	
I_Q17D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1041	99.52 0.48	1041 1046	99.52 100.00
	imputation	flag for que	stion Q18A	
I_Q18A	Frequency	Percent	Cumulative Frequency	
Not imputed Imputed	1042 4	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for que	stion Q18B	
I_Q18B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81 100.00
	imputation	flag for que	stion Q18C	
I_Q18C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044 2	99.81 0.19	1044 1046	99.81
	imputation	flag for que	stion Q18D	
I_Q18D	Frequency	Percent		Cumulative Percent
Not imputed Imputed	1042	99.62 0.38	1042 1046	99.62
	imputation	flag for que	stion Q18E	
I_Q18E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed	1042	00.60		
Imputed	4	0.38	1042 1046	99.62 100.00
	4		1046	99.62
Imputed	4 imputation	0.38 flag for que	1046 stion Q18F	100.00  Cumulative
Imputed	4 imputation Frequency1043	0.38  flag for que  Percent99.71	1046 stion Q18F Cumulative	Cumulative Percent 99.71
Imputed  I_Q18F Not imputed	4 imputation Frequency 1043 3	0.38  flag for que  Percent99.71	1046 stion Q18F Cumulative Frequency	Cumulative Percent 99.71
Imputed  I_Q18F Not imputed	4 imputation  Frequency  1043 3 imputation	0.38  flag for que  Percent  99.71 0.29  flag for que	1046 stion Q18F  Cumulative Frequency	Cumulative Percent 99.71 100.00  Cumulative

## imputation flag for question Q18H

I_Q18H	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1041 5	99.52 0.48	1041 1046	99.52 100.00
	imputation	flag for que	stion Q18I	
I_Q18I	Frequency		Cumulative Frequency	
Not imputed Imputed	1042	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for que	stion Q18J	
I_Q18J	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81	1044 1046	99.81
	imputation	flag for que:	stion Q19A	
I_Q19A	Frequency	Percent		Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81 100.00
	imputation	flag for que:	stion Q19B	
I_Q19B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81
	imputation	flag for que	stion Q19C	
I_Q19C	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81 100.00
	imputation	flag for que	stion Q19D	
I_Q19D	Frequency	Percent	Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81	1044 1046	99.81
	imputation	flag for que	stion Q19E	
I_Q19E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044		1044 1046	
	imputation	flag for que:	stion Q19F	
I_Q19F	Frequency		Cumulative Frequency	
Not imputed Imputed		99.81 0.19	1044	99.81 100.00

## imputation flag for question Q19G

I_Q19G	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81
	imputation	flag for que	stion Q19H	
I_Q19H	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043 3	99.71 0.29	1043 1046	99.71 100.00
	imputation	flag for que	stion Q19I	
I_Q19I	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043 3		1043 1046	99.71
	imputation	flag for que	stion Q20A	
I_Q20A	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81	1044 1046	99.81
	imputation	flag for que	stion Q20B	
I_Q20B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044 2	99.81 0.19	1044 1046	99.81
	imputation	flag for que	stion Q20C	
I_Q20C	Frequency	Percent		Cumulative
Not imputed			Frequency	Percent
Not imputed Imputed	1042 4			Percent  99.62 100.00
	4	99.62	1042 1046	99.62
Imputed	4 imputation	99.62 0.38 flag for que	1042 1046 stion Q20D	99.62 100.00 Cumulative
Imputed	4 imputation Frequency	99.62 0.38 flag for que	1042 1046 stion Q20D Cumulative	99.62 100.00 Cumulative Percent
Imputed  I_Q20D Not imputed	4 imputation Frequency 1043 3	99.62 0.38 flag for que Percent	1042 1046 stion Q20D Cumulative Frequency	99.62 100.00 Cumulative Percent
Imputed  I_Q20D  Not imputed Imputed	imputation  Frequency  1043 3  imputation	99.62 0.38 flag for que Percent 99.71 0.29 flag for que	1042 1046 stion Q20D Cumulative Frequency 1043 1046 stion Q20E	99.62 100.00 Cumulative Percent 99.71 100.00
Imputed  I_Q20D  Not imputed Imputed	imputation  Frequency  1043 3 imputation  Frequency  1043	99.62 0.38 flag for que Percent 99.71 0.29 flag for que	1042 1046  stion Q20D  Cumulative Frequency	99.62 100.00 Cumulative Percent 99.71 100.00
Imputed  I_Q20D Not imputed Imputed  I_Q20E Not imputed	imputation  Frequency  1043 3 imputation  Frequency  1043 3	99.62 0.38 flag for que  Percent  99.71 0.29 flag for que  Percent  99.71	1042 1046  stion Q20D  Cumulative Frequency	99.62 100.00  Cumulative Percent 99.71 100.00  Cumulative Percent
Imputed  I_Q20D Not imputed Imputed  I_Q20E Not imputed	imputation  Frequency  1043 3 imputation  Frequency  1043 3 imputation	99.62 0.38 flag for que  Percent  99.71 0.29  flag for que  Percent  99.71 0.29	1042 1046  stion Q20D  Cumulative Frequency	99.62 100.00  Cumulative Percent 99.71 100.00  Cumulative Percent

### imputation flag for question Q20G

I_Q20G	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81 100.00
	imputation	flag for que	stion Q21A	
I_Q21A	Frequency	Percent		Cumulative Percent
Not imputed Imputed	1041 5		1041 1046	99.52 100.00
	imputation	flag for que	stion Q21B	
I_Q21B	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1044	99.81 0.19	1044 1046	99.81 100.00
	imputation	flag for que	stion Q21C	
I_Q21C	Frequency	Percent		Cumulative Percent
Not imputed Imputed	1040	99.43 0.57	1040 1046	99.43 100.00
	imputation	flag for que	stion Q21D	
I_Q21D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1042	99.62 0.38	1042 1046	99.62 100.00
	imputation	flag for que	stion Q21E	
I_Q21E	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed	1043	99.71 0.29	1043 1046	99.71 100.00
	imputation	flag for que	stion Q21F	
I_Q21F	Frequency	Percent		Cumulative Percent
Not imputed Imputed	1040		1040	
	imputation	flag for que	stion Q21G	
I_Q21G	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not imputed Imputed		99.52 0.48	1041	99.52 100.00
Ana	lysis Varial	ole : TFWT Fu	all sample wei	ght
Sum			Maximum	
44260.66			.9748011	

Analysis	Variable	:	TFWT1	Replicate	weight	1
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Analysis	Variable : TFW	T1 Replicate weig	ght 1
Sum	Minimum	Maximum	Std Dev
44280.35	0	170.4823566	22.7882646
			0
		T2 Replicate weig	
Sum		Maximum	Std Dev
44190.47	0 	170.4884564	23.0377287
Analysis	Variable : TFW	T3 Replicate weig	ght 3
Sum	Minimum	Maximum	Std Dev
44205.66	0	170.4922513	22.7208562
Analysis	Variable : TFW	T4 Replicate weig	ght 4
Sum	Minimum	Maximum	Std Dev
44435.52	0	170.4946000	22.6386472
Analysis	Variable : TFW	T5 Replicate weig	
Sum	Minimum 	Maximum	Std Dev
44316.37	0	170.5018756	22.7621218
Analysis	Variable : TFW	T6 Replicate weig	ght 6
Sum	Minimum	Maximum	Std Dev
44442.05	0	170.4933392	22.3771665
Analysis	Variable : TFW	T7 Replicate wei	ght 7
Sum	Minimum	Maximum	Std Dev
44227.37	0	170.0989910	22.5888338
Analysis	Variable : TFW	T8 Replicate weig	ght 8
Sum	Minimum	Maximum	Std Dev
44406.36		170.4743115	
Analysis		T9 Replicate weig	
Sum	Minimum	Maximum	Std Dev
44184.48		170.4871922	
		10 Replicate weig	
Sum	Minimum	Maximum	Std Dev
44467.74	0	170.4663441	22.5784340

-				-			
Analysis	Variable	:	TFWT11	Replicate	weight	11	

Sum	Minimum	Maximum	Std Dev
44254.48	0	170.4637788	22.9294090
Analysis	Variablo · TEWT	12 Replicate weig	rh+ 12
_	Minimum	Maximum	-
Sum			Std Dev
44304.01		170.4622040	22.0609632
Analysis	Variable : TFWT	13 Replicate weig	ght 13
Sum	Minimum	Maximum	Std Dev
44021.54	0	170.4867225	22.6336548
Analysis	Variable : TFWT	14 Replicate weig	ght 14
Sum	Minimum	Maximum	Std Dev
44338.34	0	169.3918866	22.3357577
Analysis	Variable : TFWT	15 Replicate weigh	ght 15
Sum	Minimum		Std Dev
44214.31	0	170.5035206	22.6147104
Analysis	Variable : TFWT	16 Replicate weig	ght 16
Sum	Minimum		Std Dev
44398.48		170.4708462	
Analysis	Variable : TFWT	17 Replicate weig	ght 17
Sum	Minimum	Maximum	Std Dev
44189.30	0	157.9392894	22.3977099
		18 Replicate weig	
	Minimum 	Maximum	Std Dev
44382.46	0	170.4976506	22.3572374
Analysis	Variable : TFWT	19 Replicate weig	ght 19
Sum	Minimum	Maximum	Std Dev
44277.95		171.5881227	
		20 Replicate weig	
Sum	Minimum		Std Dev
44224.30	0	170.4621983	

Analysis	Variable	:	TFWT21	Replicate	weight	21

Analysis	Variable : TFWT	21 Replicate wei	ght 21
Sum	Minimum	Maximum	Std Dev
44325.58	0	171.1168534	22.4673989
71	Vanialala . EEVI	122 Danii aata	
Sum		22 Replicate wei Maximum	
44152.40		171.5695491	
Analysis	Variable : TFWT	23 Replicate wei	ght 23
Sum	Minimum	Maximum	Std Dev
44082.34	0	142.6713199	22.2326287
Analysis	Variable : TFWT	24 Replicate wei	ght 24
Sum	Minimum	Maximum	Std Dev
44245.56	0	170.4661648	
Analysis	Variable : TFWT	25 Replicate wei	ght 25
Sum	Minimum 	Maximum	Std Dev
44266.57	0	172.9629630	
Analysis	Variable : TFWT	26 Replicate wei	ght 26
Analysis Sum	Variable : TFWT	26 Replicate wei Maximum	ght 26 Std Dev
	Minimum		Std Dev
Sum 44264.31	Minimum 0	Maximum	Std Dev  22.6546909
Sum 	Minimum 0 Variable : TFWT	Maximum 170.4647356	Std Dev  22.6546909
Sum 	Minimum 0 Variable : TFWT	Maximum 170.4647356 	Std Dev 22.6546909 ght 27 Std Dev
Sum  44264.31  Analysis  Sum  44571.65	Minimum  0  Variable : TFWT  Minimum  0	Maximum  170.4647356  27 Replicate wei  Maximum  171.9589614	Std Dev  22.6546909  ght 27  Std Dev  22.9928710
Sum  44264.31  Analysis  Sum  44571.65	Minimum  0  Variable : TFWT  Minimum  0	Maximum  170.4647356  27 Replicate wei  Maximum	Std Dev  22.6546909  ght 27  Std Dev  22.9928710
Sum  44264.31  Analysis  Sum  44571.65  Analysis  Sum	Minimum  0  Variable : TFWT  Minimum  0  Variable : TFWT	Maximum  170.4647356  27 Replicate wei  Maximum  171.9589614	Std Dev  22.6546909  ght 27  Std Dev  22.9928710  ght 28  Std Dev
Sum  44264.31  Analysis  Sum  44571.65  Analysis  Sum  44021.49	Minimum  0  Variable : TFWT  Minimum  0  Variable : TFWT	Maximum  170.4647356  27 Replicate wei  Maximum  171.9589614  28 Replicate wei  Maximum  170.4662634	Std Dev  22.6546909  ght 27  Std Dev  22.9928710  ght 28  Std Dev
Sum  44264.31  Analysis  Sum  44571.65  Analysis  Sum  44021.49	Minimum  0  Variable : TFWT  Minimum  0  Variable : TFWT  Minimum  0	Maximum  170.4647356  27 Replicate wei  Maximum  171.9589614  28 Replicate wei  Maximum  170.4662634	Std Dev  22.6546909  ght 27  Std Dev  22.9928710  ght 28  Std Dev  22.5100614
Sum  44264.31  Analysis  Sum  44571.65  Analysis  Sum  44021.49  Analysis  Sum	Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT	Maximum  170.4647356  27 Replicate wei  Maximum  171.9589614  28 Replicate wei  Maximum  170.4662634  29 Replicate wei  Maximum	Std Dev  22.6546909  ght 27  Std Dev  22.9928710  ght 28  Std Dev  22.5100614  ght 29  Std Dev
Sum  44264.31  Analysis  Sum  44571.65  Analysis  Sum  44021.49  Analysis  Sum  44021.49  Analysis	Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT	Maximum  170.4647356  27 Replicate wei  Maximum  171.9589614  28 Replicate wei  Maximum  170.4662634  29 Replicate wei  Maximum	Std Dev  22.6546909  ght 27  Std Dev  22.9928710  ght 28  Std Dev  22.5100614  ght 29  Std Dev
Sum  44264.31  Analysis  Sum  44571.65  Analysis  Sum  44021.49  Analysis  Sum  44021.49	Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT	Maximum  170.4647356  27 Replicate wei  Maximum  171.9589614  28 Replicate wei  Maximum  170.4662634  29 Replicate wei  Maximum	Std Dev  22.6546909  ght 27  Std Dev  22.9928710  ght 28  Std Dev  22.5100614  ght 29  Std Dev  22.5804239
Sum  44264.31  Analysis  Sum  44571.65  Analysis  Sum  44021.49  Analysis  Sum  44094.82  Analysis  Sum	Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT	Maximum  170.4647356  27 Replicate wei  Maximum  171.9589614  28 Replicate wei  Maximum  170.4662634  29 Replicate wei  Maximum  170.5208470	Std Dev  22.6546909  ght 27  Std Dev  22.9928710  ght 28  Std Dev  22.5100614  ght 29  Std Dev  22.5804239
Sum  44264.31  Analysis  Sum  44571.65  Analysis  Sum  44021.49  Analysis  Sum  44094.82  Analysis  Sum	Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT  Minimum  0  Variable: TFWT	Maximum  170.4647356  27 Replicate wei  Maximum  171.9589614  28 Replicate wei  Maximum  170.4662634  29 Replicate wei  Maximum  170.5208470  30 Replicate wei  Maximum	Std Dev  22.6546909  ght 27  Std Dev  22.9928710  ght 28  Std Dev  22.5100614  ght 29  Std Dev  22.5804239  ght 30  Std Dev

Analys	is Variab	le :	TFWT31	Replicate	weight	31

	Std Dev
44171.71 0 170.5209493 22	2.6055453
Analysis Variable : TFWT32 Replicate weight 3	32
Sum Minimum Maximum	Std Dev
44310.11 0 171.1951012 22	2.7926167
Analysis Variable : TFWT33 Replicate weight 3	33
Sum Minimum Maximum	Std Dev
44201.75 0 171.7451808 22	2.7678387
Analysis Variable : TFWT34 Replicate weight 3	34
Sum Minimum Maximum	Std Dev
44113.64 0 171.6622260 22	2.8185376
Analysis Variable : TFWT35 Replicate weight 3	35
Sum Minimum Maximum	Std Dev
44174.32 0 170.1245303 22	2.5830486
Analysis Variable : TFWT36 Replicate weight	36
Sum Minimum Maximum	Std Dev
44181.69 0 171.7904343 22	2.7611252
Analysis Variable : TFWT37 Replicate weight	37
Sum Minimum Maximum	Std Dev
44157.54 0 170.4777941 23	2.5802579
Analysis Variable : TFWT38 Replicate weight	38
Sum Minimum Maximum	
44147.82 0 170.5264303 22	2.4295155
Analysis Variable : TFWT39 Replicate weight 3	
Sum Minimum Maximum	Std Dev
44370.68 0 172.2259342 22	2.6542192
Analysis Variable : TFWT40 Replicate weight	
Sum Minimum Maximum	Std Dev
44217.63 0 162.4749917 22	

Analysis Variable	:	TFWT41	Replicate	weight	41	
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Sum	Minimum	Maximum	Std Dev
44389.44	0	170.5012896	22.6664574
Analysis	Variable . TEMP	42 Poplicate weigh	rh+ 12
_		42 Replicate weigh	-
Sum	Minimum 	Maximum	Std Dev
44316.38	0	170.5050593	22.6563275
Analysis	Variable : TFWT	43 Replicate weig	ght 43
Sum	Minimum	Maximum	Std Dev
44230.77	0	170.5102078	22.6772364
Analysis	Variable : TFWT	44 Replicate weig	ght 44
Sum	Minimum	Maximum	Std Dev
44305.81	 0	170.4633995	22.4705836
Analysis	Variable : TFWT	45 Replicate weigh	ght 45
Sum	Minimum		Std Dev
44260.65		170.5174272	
		46 Replicate weigh	
Sum	Minimum 		Std Dev
44239.25	0	171.7344572	22.7479423
Analysis	Variable : TFWT	47 Replicate weig	ght 47
Sum	Minimum	Maximum	Std Dev
44049.13	0	170.5007201	22.5895079
Analysis	Variable : TFWT	48 Replicate weig	rh+ 48
		Maximum	
		171.9901802	
44313.96		171.9901802	
Analysis	Variable : TFWT	49 Replicate weig	ght 49
Sum		Maximum	Std Dev
44397.91		169.6699978	
Analysis	Variable : TFWT	50 Replicate weig	ght 50
Sum	Minimum		Std Dev
44298.28		169.4659143	22.8566202