

BEFORE THE
POSTAL RATE COMMISSION
WASHINGTON, D.C. 20268-0001

POSTAL RATE AND FEE CHANGES

Docket No. R2006-1

RESPONSE OF UNITED STATES POSTAL SERVICE WITNESS TANG
TO QUESTION POSED BY CHAIRMAN OMAS
AT THE AUGUST 10, 2006 HEARING

The United States Postal Service hereby provides the response of witness Tang to the question posed by Chairman Omas at the hearing on August 10, 2006.

The question is restated and is followed by the response.

Respectfully submitted,

UNITED STATES POSTAL SERVICE

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Chairman Omas: “Would you please provide for the record anything and everything that you’ve used, . . . when it comes to small publications of 15,000 or less and what criteria you took into consideration,” (Tr. 7/1887)

RESPONSE:

Attached is my analysis of postage increases under the proposed rates for the same 251 Periodicals publications analyzed in Docket No. C2004-1. See Docket No. C2004-1, Response of Postal Service Witness Tang to Presiding Officer’s Information Request (POIR) No. 2, Item 2 (Tr. 6/2242-51). This analysis was performed as the rates were developed, prior to filing Docket No. R2006-1, to assess the impact of the proposed Periodicals rates on a variety of customers. I used the model and the FY 2003 data built for my rebuttal testimony and my responses to POIRs in Docket No. C2004-1, which implicitly assumes, therefore, that: 1) these publications continue to have the same mail characteristics, and 2) the characteristics do not reflect the 24-piece rule change, since it was not yet in effect.

This second assumption means that percentage changes for some of the sample publications may be overstated. For instance, the rule change should have resulted in fewer sacks, so the 85-cent container rate would apply to fewer containers, and the “after” postage per piece would be somewhat lower.¹ To gauge the likelihood of the 24-piece rule affecting the “after” postage, I have added a new column, column J, “Sacked Portion Average Pc per Sack” to the

¹ It is possible that some presort density would be lost with the 24-piece rule, but the “after” postage would likely still be lower. For barcoded pieces, the presort rate eligibility is based on the bundle presort level, not the container presort level, so a bundle moving to a less-finely-presorted sack would not experience a loss of presort rate level.

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analysis. This column, which pertains to the sacked portion of the mailing for each publication, can be used to identify those publications with low “pieces per sack” figures. Those publications are more likely to have fewer sacks now than in 2003, and therefore would experience lower percentage increases than those displayed in this analysis. Interestingly, the only publications in the analysis experiencing an increase over 20 percent have fewer than 22 pieces per sack. It is likely that publications with pieces per sack this low would today have fewer sacks, and hence would experience less impact from the new container rate.

The same criteria as in Docket No. C2004-1 were adopted for this analysis to define the three circulation groups: small-circulation publications are those with circulations of at most 15,000 copies per issue; medium-circulation publications are those with circulation between 15,000 and 100,000 copies per issue; and large-circulation are those with circulation above 100,000 copies per issue. As described in my rebuttal testimony in Docket No. C2004-1 (USPS-RT-2, at 2-3; Tr. 6/2226-27), these publications were further divided based on density. High-density Periodicals are publications with more than 30 percent of their mail volume paying 5-Digit or Carrier-Route rates, while low-density publications are those with less than 30 percent of the volume paying 5-Digit or Carrier-Route rates.

Data have been sorted by publication size, then density, and finally, the percentage increase. The publication IDs and the corresponding publications are identical to those provided in Docket No. C2004-1.

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It is worth noting that this analysis reflects the proposed rates which generate additional Periodicals revenue to meet the Docket No. R2006-1 revenue requirement, while the original assessment in Docket No. C2004-1 was on a revenue-neutral basis. In other words, the attached percentage increases not only incorporate the effect of the new rate features (such as the container rate), but also a general rate increase. The percentage increases calculated for Docket No. C2004-1 did not include a general rate increase; they only reflected the effect of the new rate structure.

Several additional observations are worth making. First, the Postal Service used these data to examine the impact on Periodicals customers. Of particular concern was the impact on smaller-circulation customers. While in many cases the observed impact was greater than average, in no instance was the observed impact greater than 40 percent. Efforts to reduce the maximum impact resulted in rate design that did not foster the kind of efficiencies the Postal Rate Commission supported in its Docket No. C2004-1 Decision; efforts to increase the incentives resulted in adverse postage impacts comparable to those resulting from the Time-Warner proposal. As such, I would note that our desire to mitigate the impact on small publications weighed heavily on my rate design decisions, such as the size of the container charge. While some impact was unavoidable, the table indicates that the Postal Service was mindful of the combined impact of a rate change needed to reflect cost changes, plus the rate design changes needed to encourage more efficient behavior.

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In summary, the impact on publications of all sizes was considered when the proposed rates were developed. The proposed rates include significant incentives for more efficient containerization, without resulting in unacceptable increases for those that cannot take advantage of those incentives.

Number of Observation	Publication ID	Size	Density	Editorial %	Piece Weight	Current Postage per Piece	Proposed Postage per Piece	% Change	Sacked Portion
									Average Pc per Sack
41	P1HL22	Large	High	100%	1.13	0.327	0.338	3.29%	21.5
32	P1HL13	Large	High	100%	0.66	0.228	0.243	6.71%	27.2
9	L7	Large	High	60%	1.48	0.506	0.545	7.63%	24.2
35	P1HL16	Large	High	60%	1.19	0.453	0.490	8.19%	25.7
33	P1HL14	Large	High	64%	0.79	0.296	0.320	8.23%	23.4
44	P1HL25	Large	High	64%	0.82	0.316	0.343	8.55%	28.1
58	P1HL39	Large	High	70%	0.83	0.336	0.364	8.59%	29.4
42	P1HL23	Large	High	44%	0.98	0.335	0.365	8.77%	37.7
46	P1HL27	Large	High	70%	0.91	0.347	0.378	8.79%	28.1
31	P1HL12	Large	High	50%	0.84	0.315	0.344	9.22%	25.5
2	L10	Large	High	45%	0.90	0.329	0.359	9.28%	16.9
10	L8	Large	High	60%	0.59	0.259	0.283	9.40%	41.4
34	P1HL15	Large	High	49%	0.81	0.332	0.363	9.45%	36.2
66	P1HL47	Large	High	55%	0.66	0.270	0.295	9.53%	45.8
43	P1HL24	Large	High	72%	0.70	0.309	0.339	9.68%	43.6
54	P1HL35	Large	High	100%	0.49	0.205	0.225	9.75%	20.3
39	P1HL20	Large	High	54%	0.66	0.287	0.315	9.76%	35.9
36	P1HL17	Large	High	55%	0.64	0.284	0.311	9.82%	32.6
57	P1HL38	Large	High	59%	0.47	0.238	0.261	9.90%	42.0
59	P1HL40	Large	High	51%	0.51	0.250	0.275	10.07%	48.0
55	P1HL36	Large	High	40%	0.94	0.364	0.401	10.10%	11.5
47	P1HL28	Large	High	51%	0.58	0.289	0.318	10.21%	43.6
38	P1HL19	Large	High	50%	0.63	0.289	0.318	10.24%	40.8
11	L9	Large	High	57%	0.53	0.247	0.273	10.31%	44.7
60	P1HL41	Large	High	71%	0.31	0.233	0.257	10.31%	45.8
48	P1HL29	Large	High	55%	0.54	0.255	0.281	10.38%	48.2
69	P1HL50	Large	High	50%	0.47	0.256	0.283	10.50%	34.7
49	P1HL30	Large	High	50%	0.44	0.247	0.273	10.62%	33.0
61	P1HL42	Large	High	43%	0.59	0.312	0.345	10.67%	33.4
56	P1HL37	Large	High	78%	0.48	0.288	0.319	10.67%	60.2
63	P1HL44	Large	High	50%	0.46	0.248	0.275	10.70%	48.5
8	L6	Large	High	64%	0.42	0.219	0.243	10.77%	49.8
64	P1HL45	Large	High	60%	0.37	0.236	0.261	10.82%	52.4
3	L11	Large	High	61%	0.43	0.207	0.230	10.94%	44.8
40	P1HL21	Large	High	51%	0.47	0.241	0.268	10.96%	22.8
62	P1HL43	Large	High	62%	0.19	0.233	0.259	10.98%	31.3
6	L4	Large	High	50%	0.41	0.255	0.284	11.09%	47.6
37	P1HL18	Large	High	45%	0.36	0.248	0.276	11.15%	39.9
5	L3	Large	High	75%	0.47	0.284	0.315	11.21%	42.0
68	P1HL49	Large	High	73%	0.20	0.236	0.262	11.24%	81.4
51	P1HL32	Large	High	93%	0.25	0.170	0.190	11.40%	66.4
65	P1HL46	Large	High	86%	0.23	0.170	0.190	11.50%	66.2
50	P1HL31	Large	High	74%	0.19	0.180	0.201	11.82%	55.5
70	P1HL51	Large	High	57%	0.33	0.267	0.299	11.87%	50.1
4	L2	Large	High	85%	0.46	0.295	0.331	11.96%	52.3
67	P1HL48	Large	High	98%	0.23	0.128	0.143	12.03%	44.2
7	L5	Large	High	67%	0.28	0.186	0.208	12.15%	50.9
53	P1HL34	Large	High	77%	0.23	0.146	0.166	13.63%	45.7
52	P1HL33	Large	High	62%	0.25	0.127	0.150	17.86%	50.6
45	P1HL26	Large	High	100%	1.22	0.433	0.512	18.27%	23.9
1	L1	Large	Low	55%	0.39	0.347	0.392	12.99%	52.5
93	P1HM82	Medium	High	41%	0.78	0.324	0.354	9.14%	36.7
72	P1HM61	Medium	High	41%	0.78	0.315	0.344	9.41%	19.6
97	P1HM86	Medium	High	63%	0.25	0.275	0.302	9.82%	67.0
103	P1HM92	Medium	High	58%	0.57	0.275	0.303	9.90%	51.3
110	P1HM99	Medium	High	100%	0.20	0.204	0.225	9.94%	52.0
22	M19	Medium	High	51%	0.58	0.261	0.287	10.04%	48.1
24	M20	Medium	High	58%	0.54	0.240	0.265	10.04%	47.8
84	P1HM73	Medium	High	57%	0.47	0.227	0.250	10.04%	40.4
99	P1HM88	Medium	High	51%	0.58	0.254	0.280	10.18%	41.2
85	P1HM74	Medium	High	59%	0.51	0.249	0.275	10.19%	44.0
21	M18	Medium	High	61%	0.41	0.228	0.251	10.21%	41.6
105	P1HM94	Medium	High	63%	0.25	0.249	0.274	10.22%	59.9
104	P1HM93	Medium	High	54%	0.57	0.273	0.301	10.22%	38.1
94	P1HM83	Medium	High	61%	0.25	0.217	0.240	10.28%	82.0
108	P1HM97	Medium	High	50%	0.50	0.280	0.309	10.47%	41.5
87	P1HM76	Medium	High	50%	0.45	0.269	0.298	10.75%	46.3

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									Average Pc per Sack
20	M17	Medium	High	50%	0.49	0.295	0.327	10.77%	46.5
88	P1HM77	Medium	High	54%	0.58	0.331	0.367	10.98%	40.2
106	P1HM95	Medium	High	50%	0.45	0.227	0.252	11.03%	53.8
18	M15	Medium	High	51%	0.76	0.447	0.497	11.16%	28.0
81	P1HM70	Medium	High	47%	0.89	0.433	0.481	11.19%	39.6
71	P1HM100	Medium	High	86%	2.31	0.674	0.750	11.25%	26.2
17	M14	Medium	High	41%	0.98	0.498	0.554	11.32%	41.1
14	M11	Medium	High	85%	0.40	0.290	0.324	11.76%	57.0
82	P1HM71	Medium	High	37%	2.29	1.068	1.195	11.84%	19.0
74	P1HM63	Medium	High	50%	0.92	0.504	0.564	11.89%	36.8
15	M12	Medium	High	100%	0.57	0.282	0.316	11.99%	37.6
109	P1HM98	Medium	High	78%	1.11	0.458	0.514	12.42%	39.1
75	P1HM64	Medium	High	80%	0.79	0.358	0.402	12.47%	38.1
90	P1HM79	Medium	High	51%	0.40	0.254	0.286	12.48%	46.5
95	P1HM84	Medium	High	92%	0.36	0.269	0.303	12.54%	54.5
77	P1HM66	Medium	High	88%	0.39	0.283	0.319	12.82%	60.1
78	P1HM67	Medium	High	85%	0.34	0.244	0.276	12.85%	52.0
91	P1HM80	Medium	High	72%	0.24	0.243	0.274	12.89%	41.4
79	P1HM68	Medium	High	70%	0.61	0.370	0.418	13.03%	43.6
102	P1HM91	Medium	High	60%	0.41	0.310	0.351	13.20%	46.8
98	P1HM87	Medium	High	61%	0.50	0.362	0.410	13.21%	41.8
107	P1HM96	Medium	High	57%	0.34	0.280	0.318	13.54%	47.4
92	P1HM81	Medium	High	95%	0.24	0.222	0.252	13.54%	48.0
83	P1HM72	Medium	High	42%	0.36	0.364	0.413	13.58%	48.6
16	M13	Medium	High	62%	0.18	0.234	0.266	13.60%	29.8
101	P1HM90	Medium	High	100%	0.38	0.255	0.290	13.71%	42.6
86	P1HM75	Medium	High	100%	1.72	0.528	0.603	14.21%	34.9
100	P1HM89	Medium	High	49%	0.36	0.341	0.390	14.29%	43.6
76	P1HM65	Medium	High	100%	0.09	0.213	0.243	14.36%	59.2
73	P1HM62	Medium	High	94%	0.23	0.228	0.261	14.56%	49.8
80	P1HM69	Medium	High	76%	0.31	0.273	0.313	14.77%	45.2
89	P1HM78	Medium	High	82%	0.62	0.370	0.428	15.71%	37.9
96	P1HM85	Medium	High	57%	0.32	0.361	0.420	16.53%	45.5
19	M16	Medium	High	50%	0.42	0.325	0.381	17.17%	13.0
134	P1LM44	Medium	Low	52%	0.60	0.301	0.329	9.28%	42.2
13	M10	Medium	Low	57%	0.56	0.254	0.279	9.90%	45.6
28	M7	Medium	Low	61%	0.65	0.325	0.357	9.96%	32.4
132	P1LM42	Medium	Low	60%	0.35	0.236	0.260	10.22%	51.0
29	M8	Medium	Low	50%	0.49	0.275	0.304	10.52%	24.7
30	M9	Medium	Low	62%	0.42	0.209	0.231	10.79%	45.9
135	P1LM45	Medium	Low	35%	0.96	0.425	0.471	10.89%	21.9
27	M6	Medium	Low	45%	1.20	0.561	0.625	11.35%	32.1
120	P1LM30	Medium	Low	44%	0.43	0.307	0.342	11.39%	43.8
26	M5	Medium	Low	27%	2.00	0.983	1.096	11.45%	25.6
111	P1LM21	Medium	Low	65%	0.79	0.416	0.467	12.01%	37.5
25	M3	Medium	Low	50%	0.70	0.470	0.529	12.60%	30.3
126	P1LM36	Medium	Low	60%	0.33	0.373	0.420	12.64%	40.4
129	P1LM39	Medium	Low	75%	0.62	0.462	0.521	12.81%	41.1
137	P1LM47	Medium	Low	81%	0.30	0.224	0.253	13.03%	48.6
124	P1LM34	Medium	Low	53%	0.64	0.449	0.509	13.15%	36.9
145	P1LM55	Medium	Low	50%	0.40	0.368	0.417	13.19%	50.3
118	P1LM28	Medium	Low	59%	0.72	0.412	0.467	13.36%	42.2
125	P1LM35	Medium	Low	50%	0.37	0.360	0.408	13.39%	54.4
143	P1LM53	Medium	Low	70%	0.41	0.336	0.381	13.52%	47.7
140	P1LM50	Medium	Low	77%	0.63	0.376	0.428	13.60%	45.4
130	P1LM40	Medium	Low	75%	0.24	0.304	0.346	13.63%	53.4
142	P1LM52	Medium	Low	52%	0.53	0.430	0.489	13.85%	45.8
113	P1LM23	Medium	Low	57%	0.79	0.447	0.509	13.96%	32.5
115	P1LM25	Medium	Low	26%	0.97	0.720	0.821	14.08%	24.0
112	P1LM22	Medium	Low	45%	0.50	0.423	0.483	14.18%	43.9
151	M4	Medium	Low	40%	0.53	0.427	0.488	14.19%	41.8
146	P1LM56	Medium	Low	81%	0.24	0.274	0.314	14.61%	54.0
133	P1LM43	Medium	Low	61%	0.49	0.396	0.454	14.70%	43.3
116	P1LM26	Medium	Low	100%	0.32	0.305	0.350	14.76%	47.2
149	P1LM59	Medium	Low	47%	0.44	0.397	0.456	14.83%	42.6
136	P1LM46	Medium	Low	50%	0.31	0.342	0.394	14.93%	44.8
127	P1LM37	Medium	Low	68%	0.48	0.371	0.426	14.93%	45.7

Number of Observation	Publication ID	Size	Density	Editorial %	Piece Weight	Current Postage per Piece	Proposed Postage per Piece	% Change	Sacked Portion
									Average Pc per Sack
138	P1LM48	Medium	Low	89%	0.31	0.287	0.330	14.95%	51.9
123	P1LM33	Medium	Low	100%	1.13	0.516	0.594	15.20%	35.3
141	P1LM51	Medium	Low	47%	0.31	0.359	0.414	15.29%	45.0
23	M2	Medium	Low	96%	0.38	0.289	0.334	15.74%	45.6
12	M1	Medium	Low	100%	0.45	0.298	0.345	15.76%	43.9
148	P1LM58	Medium	Low	91%	0.13	0.231	0.268	15.82%	48.9
117	P1LM27	Medium	Low	51%	0.31	0.366	0.426	16.35%	44.9
122	P1LM32	Medium	Low	100%	0.53	0.314	0.366	16.41%	41.4
139	P1LM49	Medium	Low	62%	0.60	0.459	0.535	16.41%	64.2
131	P1LM41	Medium	Low	80%	0.24	0.294	0.343	16.44%	40.7
121	P1LM31	Medium	Low	78%	0.24	0.302	0.354	17.30%	36.1
114	P1LM24	Medium	Low	95%	0.15	0.248	0.291	17.39%	43.2
119	P1LM29	Medium	Low	95%	0.15	0.248	0.291	17.39%	43.2
128	P1LM38	Medium	Low	95%	0.15	0.248	0.291	17.39%	43.2
144	P1LM54	Medium	Low	95%	0.15	0.248	0.291	17.39%	43.2
147	P1LM57	Medium	Low	41%	0.45	0.447	0.525	17.40%	41.4
150	P1LM60	Medium	Low	100%	0.44	0.351	0.415	18.41%	80.9
187	QHS36	Small	High	100%	0.06	0.175	0.187	6.73%	132.4
177	QHS26	Small	High	100%	0.10	0.214	0.229	7.30%	80.5
181	QHS30	Small	High	59%	0.20	0.244	0.270	10.57%	47.8
210	QHS59	Small	High	76%	0.31	0.200	0.222	11.31%	49.4
180	QHS29	Small	High	94%	0.25	0.221	0.247	11.92%	48.3
186	QHS35	Small	High	42%	0.30	0.214	0.240	12.14%	47.6
205	QHS54	Small	High	100%	0.18	0.205	0.230	12.23%	60.2
168	S24	Small	High	33%	1.20	0.439	0.494	12.69%	25.2
200	QHS49	Small	High	63%	0.28	0.229	0.260	13.63%	36.6
206	QHS55	Small	High	100%	0.08	0.177	0.201	13.72%	55.2
166	S22	Small	High	90%	0.06	0.138	0.157	13.78%	52.6
195	QHS44	Small	High	61%	0.10	0.227	0.258	13.99%	47.7
167	S23	Small	High	42%	0.48	0.341	0.389	14.19%	40.3
201	QHS50	Small	High	100%	0.32	0.254	0.290	14.19%	54.1
176	QHS25	Small	High	44%	0.20	0.182	0.209	14.57%	39.6
204	QHS53	Small	High	100%	0.52	0.284	0.325	14.61%	59.8
199	QHS48	Small	High	99%	0.67	0.319	0.365	14.64%	49.4
182	QHS31	Small	High	99%	0.77	0.343	0.395	15.07%	46.8
162	S19	Small	High	75%	0.15	0.196	0.226	15.08%	49.0
165	S21	Small	High	35%	0.13	0.261	0.301	15.36%	55.0
193	QHS42	Small	High	66%	0.53	0.358	0.413	15.44%	39.8
178	QHS27	Small	High	79%	0.24	0.278	0.322	15.66%	47.7
209	QHS58	Small	High	100%	0.46	0.265	0.308	16.03%	31.0
198	QHS47	Small	High	70%	0.26	0.275	0.320	16.44%	42.9
208	QHS57	Small	High	50%	0.15	0.239	0.279	16.80%	39.6
183	QHS32	Small	High	83%	1.87	0.707	0.826	16.86%	24.1
159	S16	Small	High	41%	0.28	0.244	0.285	16.98%	35.1
185	QHS34	Small	High	100%	0.55	0.309	0.361	17.14%	44.4
212	QHS61	Small	High	100%	2.64	0.704	0.826	17.20%	12.7
190	QHS39	Small	High	28%	0.13	0.244	0.287	17.64%	35.8
161	S18	Small	High	100%	0.07	0.223	0.262	17.67%	50.9
207	QHS56	Small	High	71%	0.27	0.258	0.304	17.72%	36.5
164	S20	Small	High	26%	1.90	0.682	0.804	17.82%	9.4
192	QHS41	Small	High	100%	0.25	0.279	0.332	19.31%	24.1
202	QHS51	Small	High	26%	1.14	0.637	0.761	19.45%	12.4
194	QHS43	Small	High	100%	1.55	0.570	0.703	23.20%	11.8
196	QHS45	Small	High	100%	0.57	0.340	0.420	23.55%	15.1
188	QHS37	Small	High	82%	0.26	0.261	0.324	23.90%	14.0
203	QHS52	Small	High	100%	0.91	0.431	0.534	23.97%	12.9
156	S13	Small	High	60%	0.46	0.270	0.335	24.03%	17.3
155	S12	Small	High	47%	0.19	0.234	0.291	24.48%	21.3
157	S14	Small	High	71%	0.41	0.269	0.337	25.43%	14.0
184	QHS33	Small	High	26%	0.35	0.366	0.459	25.50%	15.6
197	QHS46	Small	High	100%	0.64	0.364	0.462	26.73%	12.2
211	QHS60	Small	High	72%	0.98	0.502	0.636	26.76%	9.3
191	QHS40	Small	High	81%	0.16	0.248	0.320	28.60%	16.5
189	QHS38	Small	High	43%	0.38	0.345	0.450	30.46%	11.5
179	QHS28	Small	High	65%	0.26	0.262	0.344	31.16%	12.2
154	S11	Small	High	68%	0.16	0.292	0.393	34.38%	10.2
213	QHS62	Small	High	64%	0.37	0.297	0.413	39.18%	9.4

Number of Observation	Publication ID	Size	Density	Editorial %	Piece Weight	Current Postage per Piece	Proposed Postage per Piece	% Change	Sacked Portion
									Average Pc per Sack
238	QHS87	Small	Low	83%	0.11	0.356	0.399	12.01%	193.0
236	QHS85	Small	Low	43%	0.63	0.464	0.520	12.10%	39.3
221	QHS70	Small	Low	75%	0.12	0.366	0.411	12.42%	143.3
223	QHS72	Small	Low	40%	1.73	0.887	1.001	12.84%	32.5
222	QHS71	Small	Low	44%	0.08	0.401	0.454	13.09%	88.0
235	QHS84	Small	Low	56%	0.49	0.375	0.425	13.10%	61.0
237	QHS86	Small	Low	95%	0.15	0.316	0.358	13.30%	48.5
219	QHS68	Small	Low	76%	0.13	0.357	0.405	13.39%	71.6
233	QHS82	Small	Low	70%	0.13	0.367	0.419	14.10%	62.8
240	QHS89	Small	Low	47%	0.35	0.424	0.485	14.30%	41.7
245	QHS94	Small	Low	46%	0.39	0.375	0.429	14.38%	45.5
214	QHS63	Small	Low	39%	0.71	0.535	0.612	14.44%	35.4
220	QHS69	Small	Low	34%	0.29	0.362	0.415	14.74%	46.5
158	S15	Small	Low	97%	0.39	0.275	0.315	14.92%	49.4
248	QHS97	Small	Low	66%	0.27	0.321	0.370	15.29%	45.5
241	QHS90	Small	Low	63%	0.56	0.412	0.475	15.32%	39.4
228	QHS77	Small	Low	80%	0.19	0.262	0.302	15.51%	48.9
239	QHS88	Small	Low	50%	0.65	0.451	0.522	15.58%	34.2
153	S10	Small	Low	97%	0.11	0.241	0.280	16.27%	64.2
250	QHS99	Small	Low	67%	0.33	0.356	0.414	16.29%	61.5
225	QHS74	Small	Low	84%	0.59	0.358	0.417	16.46%	38.9
247	QHS96	Small	Low	100%	0.66	0.331	0.386	16.51%	38.5
218	QHS67	Small	Low	87%	0.46	0.335	0.390	16.55%	40.4
226	QHS75	Small	Low	77%	0.45	0.363	0.424	16.82%	39.0
174	S8	Small	Low	59%	0.20	0.320	0.374	16.82%	51.8
170	S4	Small	Low	100%	0.36	0.280	0.328	16.88%	41.0
216	QHS65	Small	Low	99%	0.95	0.410	0.480	16.94%	38.5
217	QHS66	Small	Low	80%	0.17	0.314	0.368	17.01%	98.6
229	QHS78	Small	Low	99%	1.25	0.462	0.541	17.16%	33.0
231	QHS80	Small	Low	66%	0.22	0.324	0.380	17.32%	48.1
230	QHS79	Small	Low	28%	0.12	0.334	0.393	17.57%	41.2
172	S6	Small	Low	86%	1.22	0.517	0.608	17.61%	27.6
175	S9	Small	Low	100%	0.20	0.355	0.418	17.65%	35.5
215	QHS64	Small	Low	92%	0.63	0.460	0.542	17.75%	29.2
224	QHS73	Small	Low	100%	0.23	0.282	0.334	18.25%	47.1
171	S5	Small	Low	100%	2.64	0.808	0.957	18.44%	16.2
173	S7	Small	Low	100%	0.11	0.257	0.305	18.91%	43.5
234	QHS83	Small	Low	100%	0.46	0.328	0.392	19.43%	35.1
160	S17	Small	Low	98%	0.46	0.298	0.357	19.83%	27.9
249	QHS98	Small	Low	55%	1.02	0.530	0.645	21.71%	11.7
243	QHS92	Small	Low	54%	0.23	0.387	0.473	22.15%	16.9
246	QHS95	Small	Low	100%	1.99	0.694	0.858	23.56%	10.4
169	S3	Small	Low	69%	0.18	0.343	0.424	23.74%	16.3
242	QHS91	Small	Low	71%	0.37	0.386	0.481	24.60%	12.8
251	QHS100	Small	Low	72%	0.08	0.291	0.368	26.40%	14.5
227	QHS76	Small	Low	58%	0.33	0.430	0.549	27.70%	11.4
163	S2	Small	Low	75%	0.27	0.302	0.388	28.35%	15.3
232	QHS81	Small	Low	100%	0.56	0.401	0.518	29.21%	10.9
152	S1	Small	Low	65%	0.28	0.317	0.416	31.34%	12.6
244	QHS93	Small	Low	100%	0.24	0.312	0.419	34.11%	10.0