

Appendix A. Classical Item Statistics: Operational Forms

Table A1. Summary Item Statistics - Operational Items
Algebra – October Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
R	1	L	51474	SR	0.97	0.25	-0.06	0.25	-0.14	-0.19	0.0
R	2	L	56599	SR	0.67	0.28	-0.16	-0.18	0.28	-0.12	0.2
R	3	L	56658	SR	0.70	0.29	-0.20	0.29	-0.10	-0.13	0.4
R	5	L	54794	SR	0.30	0.27	0.27	-0.14	-0.03	-0.18	0.9
R	6	L	54776	CR	0.44	0.51					5.4
R	7	L	56632	SR	0.33	0.32	-0.07	-0.27	0.32	-0.05	0.3
R	8	L	51485	SR	0.34	0.21	-0.04	-0.05	-0.12	0.21	1.6
R	9	L	67556	SR	0.51	0.33	0.33	-0.22	-0.15	-0.04	0.7
R	11	L	54796	SR	0.49	0.28	-0.12	-0.14	-0.08	0.28	0.7
R	13	L	54560	SPR	0.39	0.44	0.44	-0.32			6.4
R	14	L	51489	SPR	0.76	0.39	0.39	-0.33			3.2
R	16	L	67461	SPR	0.68	0.39	0.39	-0.31			4.2
R	17	L	67498	CR	0.08	0.43					10.1
R	18	L	51455	SR	0.34	0.30	-0.15	0.30	-0.06	-0.09	1.4
R	19	L	56712	SR	0.47	0.34	-0.15	-0.17	0.34	-0.08	1.6
R	20	L	67501	SR	0.54	0.31	-0.12	-0.14	0.31	-0.12	2.0
R	21	L	54857	CR	0.18	0.50					16.4
R	22	L	51410	SR	0.72	0.33	-0.14	-0.15	-0.19	0.33	3.1
R	23	L	64689	SR	0.21	0.22	0.22	0.04	-0.15	-0.06	3.4
R	25	L	56741	SR	0.57	0.17	-0.16	0.17	-0.19	0.12	1.0
R	26	L	54692	SR	0.72	0.29	-0.15	-0.17	-0.15	0.29	0.5
R	27	L	56573	SR	0.40	0.25	-0.14	-0.06	0.25	-0.11	0.7
R	28	L	51555	SR	0.24	0.17	0.17	-0.11	0.01	-0.11	0.9
R	31	L	54710	SR	0.62	0.29	-0.14	-0.17	0.29	-0.10	0.8
R	33	L	56557	SR	0.24	0.09	0.09	-0.03	-0.08	0.06	0.9
R	35	L	56783	SR	0.43	0.23	-0.01	-0.13	-0.14	0.23	1.2
R	36	L	67557	CR	0.51	0.71					8.0
R	37	L	67410	SPR	0.60	0.42	0.42	-0.31			5.7
R	38	L	67411	SPR	0.08	0.26	0.26	-0.02			19.0
R	40	L	51490	SPR	0.69	0.41	0.41	-0.29			5.1
R	41	L	54896	CR	0.13	0.48					16.3
R	42	L	64684	SR	0.53	0.31	0.31	-0.13	-0.13	-0.10	2.2
R	43	L	56767	SR	0.39	0.14	0.14	-0.13	0.01	-0.05	2.4
R	44	L	54752	SR	0.45	0.24	-0.12	-0.06	0.24	-0.07	2.7
R	45	L	67466	CR	0.23	0.60					19.1
R	46	L	51387	SR	0.26	0.21	-0.03	-0.08	-0.05	0.21	3.6
R	47	L	56558	SR	0.44	0.24	0.24	-0.09	-0.09	-0.06	3.7
R	48	L	54707	SR	0.49	0.25	-0.12	0.25	-0.05	-0.14	3.8
Mean					0.45	0.28	0.07	-0.10	0.01	0.00	4.2
SD					0.21	0.08	0.22	0.17	0.19	0.16	5.3

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A2. Summary Item Statistics - Operational Items
Biology - October Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
R	1	O	55013	SR	0.73	0.27	-0.17	0.27	-0.15	-0.09	0.1
R	2	O	52424	SR	0.52	0.21	-0.08	-0.11	-0.14	0.21	0.3
R	3	O	64744	SR	0.39	0.14	-0.11	0.14	-0.06	-0.02	0.7
R	4	O	64743	SR	0.76	0.29	0.29	-0.19	-0.12	-0.15	0.1
R	5	O	64745	SR	0.45	0.29	-0.14	0.29	-0.16	-0.06	0.2
R	6	L	68119	CR	0.30	0.50					5.2
R	7	O	52567	SR	0.16	0.20	0.20	0.00	-0.16	-0.06	0.4
R	8	O	67683	SR	0.36	0.25	-0.10	0.25	-0.18	0.01	0.5
R	11	O	55196	SR	0.39	0.27	0.27	-0.15	-0.18	-0.06	0.4
R	12	O	67671	SR	0.18	0.06	-0.06	-0.13	0.13	0.06	0.4
R	13	O	52485	SR	0.66	0.36	-0.17	-0.19	-0.17	0.36	0.3
R	15	L	68257	CR	0.18	0.54					9.4
R	16	O	56986	SR	0.35	0.25	0.25	-0.12	-0.10	-0.06	0.6
R	17	O	56987	SR	0.44	0.22	-0.16	0.22	-0.07	-0.06	0.7
R	18	O	52460	SR	0.48	0.17	-0.02	0.17	-0.19	-0.04	0.5
R	19	O	52506	SR	0.29	0.25	-0.04	-0.12	-0.09	0.25	0.7
R	20	O	52505	SR	0.35	0.25	-0.06	0.25	-0.14	-0.11	0.6
R	21	O	52504	SR	0.59	0.34	-0.12	-0.18	0.34	-0.17	0.6
R	22	L	52438	CR	0.10	0.57					17.1
R	26	O	64734	SR	0.16	0.15	0.06	-0.12	-0.04	0.15	1.2
R	27	O	56992	SR	0.38	0.31	-0.17	-0.11	-0.13	0.31	1.1
R	28	O	65128	SR	0.35	0.20	-0.05	0.20	-0.12	-0.04	1.4
R	29	O	64993	SR	0.30	0.08	-0.02	-0.02	0.08	-0.03	1.7
R	30	O	52651	SR	0.69	0.39	0.39	-0.20	-0.22	-0.16	1.5
R	31	L	52484	CR	0.13	0.52					19.4
R	34	O	67569	SR	0.29	0.10	-0.10	0.10	-0.06	0.07	3.4
R	35	O	67571	SR	0.27	0.25	0.25	-0.18	-0.04	-0.02	3.5
R	36	O	57055	SR	0.36	0.27	-0.12	0.27	-0.07	-0.12	3.7
R	37	O	57145	SR	0.55	0.22	-0.09	0.22	-0.13	-0.09	0.4
R	38	O	67860	SR	0.55	0.25	-0.12	0.25	-0.12	-0.10	0.7
R	39	O	68223	SR	0.57	0.37	0.37	-0.17	-0.19	-0.15	0.6
R	40	O	55076	SR	0.50	0.23	-0.14	0.23	-0.04	-0.12	0.5
R	41	O	55141	SR	0.31	0.13	0.13	-0.14	-0.04	0.02	0.4
R	42	L	52498	CR	0.05	0.52					16.7
R	43	O	57134	SR	0.36	0.33	-0.06	-0.16	-0.15	0.33	1.2
R	46	O	52750	SR	0.41	0.27	-0.13	0.27	-0.16	-0.04	1.2
R	47	O	52747	SR	0.40	0.23	0.01	-0.17	-0.18	0.23	1.2
R	48	L	64704	CR	0.07	0.46					22.8
R	49	O	65142	SR	0.55	0.26	-0.06	-0.15	0.26	-0.12	0.9
R	50	O	55149	SR	0.33	0.21	-0.15	0.02	-0.10	0.21	0.9
R	51	O	56965	SR	0.42	0.24	0.01	-0.21	-0.14	0.24	1.0
R	52	O	56963	SR	0.39	0.32	-0.15	0.32	-0.10	-0.12	1.1
R	53	O	54992	SR	0.40	0.22	-0.14	-0.05	0.22	-0.07	1.0

Table A2. Summary Item Statistics - Operational Items

Biology - October Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
R	57	O	55164	SR	0.34	0.25	-0.12	0.25	-0.13	-0.03	1.1
R	58	O	55165	SR	0.19	0.26	0.26	-0.12	-0.05	-0.05	1.1
R	59	O	55163	SR	0.47	0.43	-0.18	-0.21	-0.15	0.43	1.1
R	60	O	52592	SR	0.44	0.22	-0.01	-0.13	0.22	-0.12	1.0
R	61	O	52593	SR	0.50	0.26	0.26	-0.11	-0.12	-0.08	1.3
R	63	O	60528	SR	0.26	0.12	-0.11	0.08	0.12	-0.10	1.7
R	64	L	67633	CR	0.08	0.54					25.7
R	67	O	68281	SR	0.35	0.34	0.34	-0.14	-0.12	-0.09	3.1
R	68	O	68282	SR	0.49	0.29	0.29	-0.08	-0.15	-0.11	3.0
R	69	O	68191	SR	0.18	0.24	-0.14	-0.06	0.01	0.24	3.2
R	70	O	65118	SR	0.50	0.34	0.34	-0.13	-0.17	-0.11	3.1
R	71	O	68150	SR	0.28	0.17	-0.12	-0.02	0.17	-0.02	3.1
Mean					0.37	0.25	0.01	0.00	-0.07	0.01	3.2
SD					0.17	0.08	0.18	0.18	0.13	0.16	5.8

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A3. Summary Item Statistics - Operational Items
English - October Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
R	1	O	108706	CR	0.53	0.45					2.5
R	2	O	130038	SR	0.51	0.30	0.30	-0.13	-0.15	-0.15	0.1
R	3	O	130039	SR	0.47	0.28	-0.10	0.28	-0.19	-0.14	0.0
R	4	O	130292	SR	0.40	0.24	-0.03	-0.17	0.24	-0.20	0.0
R	5	O	130040	SR	0.70	0.31	0.31	-0.13	-0.20	-0.17	0.0
R	6	O	130041	SR	0.64	0.33	-0.14	-0.18	0.33	-0.16	0.0
R	7	O	96433	SR	0.75	0.35	-0.18	-0.21	0.35	-0.18	0.0
R	8	O	96434	SR	0.68	0.38	-0.23	-0.11	-0.29	0.38	0.0
R	9	O	96437	SR	0.39	0.31	-0.15	-0.26	-0.01	0.31	0.1
R	10	O	96436	SR	0.73	0.34	-0.22	0.34	-0.16	-0.17	0.0
R	11	O	96435	SR	0.53	0.31	-0.18	-0.17	-0.12	0.31	0.3
R	12	O	96438	SR	0.49	0.24	0.24	-0.20	-0.06	-0.11	0.2
R	13	O	96439	SR	0.49	0.28	-0.15	0.28	-0.14	-0.08	0.1
R	17	O	108700	SR	0.44	0.24	-0.13	-0.12	0.24	-0.05	0.7
R	18	O	108703	SR	0.41	0.21	-0.11	-0.07	0.21	-0.09	0.7
R	20	O	108701	SR	0.62	0.31	-0.21	-0.26	0.31	-0.03	0.7
R	21	O	130959	SR	0.50	0.25	-0.08	0.25	-0.25	-0.06	0.9
R	22	O	108705	CR	0.39	0.48					7.2
R	23	O	108688	CR	0.49	0.51					3.5
R	24	O	95560	SR	0.56	0.34	-0.15	-0.16	-0.15	0.34	0.3
R	25	O	95561	SR	0.74	0.37	-0.18	0.37	-0.23	-0.16	0.2
R	26	O	95562	SR	0.57	0.37	-0.16	-0.20	0.37	-0.16	0.4
R	27	O	95563	SR	0.77	0.39	-0.20	-0.24	0.39	-0.17	0.2
R	29	O	130948	SR	0.55	0.32	-0.15	0.32	-0.19	-0.10	0.2
R	30	O	130961	SR	0.79	0.36	-0.23	0.36	-0.18	-0.15	0.2
R	31	O	130949	SR	0.51	0.21	-0.11	-0.11	-0.05	0.21	0.2
R	32	O	108788	SR	0.65	0.42	-0.20	0.42	-0.26	-0.17	0.3
R	33	O	108785	SR	0.52	0.30	-0.05	-0.22	-0.19	0.30	0.5
R	35	O	108790	SR	0.53	0.34	-0.07	-0.22	-0.20	0.34	0.4
R	36	O	108787	SR	0.76	0.43	0.43	-0.25	-0.25	-0.17	0.4
R	40	O	130253	SR	0.58	0.41	0.41	-0.19	-0.20	-0.20	0.5
R	47	O	130218	SR	0.27	0.14	-0.12	-0.02	0.14	0.00	0.9
R	48	O	130219	SR	0.63	0.28	-0.12	-0.16	0.28	-0.12	0.6
R	49	O	130222	SR	0.57	0.29	-0.07	-0.15	0.29	-0.17	0.7
R	50	O	130220	SR	0.53	0.33	-0.18	0.33	-0.12	-0.17	0.6
R	51	O	130221	SR	0.53	0.34	-0.25	0.34	-0.21	-0.06	0.7
R	52	O	130226	SR	0.42	0.30	-0.09	-0.16	0.30	-0.12	0.8
R	53	O	130223	SR	0.42	0.21	0.21	-0.09	-0.07	-0.05	0.8
R	54	O	130227	SR	0.51	0.35	-0.10	-0.10	-0.23	0.35	0.7
R	55	O	130224	SR	0.40	0.25	-0.14	0.25	-0.11	-0.04	0.9
R	56	O	130228	CR	0.32	0.49					13.4
R	57	O	95664	SR	0.72	0.39	0.39	-0.27	-0.18	-0.10	0.8
R	58	O	95665	SR	0.79	0.45	-0.21	-0.23	0.45	-0.22	0.8

Table A3. Summary Item Statistics - Operational Items

English - October Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
R	59	O	96106	SR	0.50	0.19	-0.15	-0.08	0.19	-0.02	1.1
R	60	O	96107	SR	0.75	0.32	0.32	-0.10	-0.17	-0.19	0.9
R	61	O	96108	SR	0.52	0.33	-0.12	0.33	-0.13	-0.15	1.0
R	62	O	96109	SR	0.54	0.30	0.30	-0.19	-0.19	-0.03	1.0
R	63	O	96110	SR	0.79	0.46	-0.21	0.46	-0.25	-0.22	1.1
R	64	O	130052	SR	0.61	0.28	-0.14	-0.15	0.28	-0.09	1.2
R	65	O	130051	SR	0.61	0.37	-0.14	-0.26	-0.14	0.37	1.3
Mean					0.56	0.32	-0.06	-0.03	-0.02	-0.04	1.0
SD					0.13	0.07	0.20	0.24	0.23	0.19	2.1

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A4. Summary Item Statistics - Operational Items
Government - October Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
R	1	O	68719	SR	0.69	0.20	-0.09	-0.14	0.20	-0.08	0.1
R	2	O	51259	SR	0.85	0.38	-0.22	-0.25	0.38	-0.14	0.0
R	3	O	51180	SR	0.75	0.22	0.22	-0.14	-0.13	-0.09	0.1
R	4	O	50896	SR	0.48	0.14	-0.16	-0.15	0.14	0.01	0.2
R	6	O	51075	CR	0.29	0.58					4.8
R	7	O	55642	SR	0.58	0.29	-0.09	-0.16	0.29	-0.17	0.2
R	8	O	51800	SR	0.17	0.18	-0.09	-0.02	-0.04	0.18	0.2
R	9	O	55554	SR	0.29	0.25	0.25	-0.13	-0.08	-0.06	0.3
R	10	O	51765	SR	0.29	0.23	-0.09	0.23	-0.08	-0.07	0.3
R	11	O	53651	CR	0.24	0.54					7.2
R	12	O	55524	SR	0.57	0.29	-0.18	0.29	-0.09	-0.16	0.2
R	13	O	58147	SR	0.30	0.31	0.31	-0.13	-0.08	-0.13	0.3
R	14	O	68768	SR	0.28	0.09	-0.06	-0.10	0.09	0.07	0.4
R	15	O	64962	SR	0.46	0.35	-0.20	-0.17	-0.11	0.35	0.2
R	16	O	67998	CR	0.21	0.48					10.7
R	19	O	68759	SR	0.41	0.34	-0.09	-0.19	-0.13	0.34	0.7
R	20	O	51740	CR	0.32	0.52					6.3
R	21	O	51077	SR	0.34	0.35	0.35	-0.28	-0.15	-0.02	0.6
R	22	O	68756	SR	0.46	0.31	-0.21	-0.05	-0.17	0.31	0.8
R	23	O	55666	SR	0.30	0.30	-0.14	-0.17	-0.02	0.30	0.7
R	24	O	68725	SR	0.52	0.30	-0.11	0.30	-0.16	-0.12	0.7
R	25	O	68496	SR	0.33	0.22	-0.05	-0.15	-0.03	0.22	1.0
R	26	O	55589	SR	0.35	0.31	-0.13	-0.09	-0.14	0.31	0.8
R	27	O	50894	SR	0.62	0.30	-0.14	-0.16	0.30	-0.13	1.1
R	28	O	68693	CR	0.18	0.52					17.4
R	29	O	68608	SR	0.17	0.11	-0.17	0.09	0.11	0.00	2.5
R	30	O	64951	SR	0.45	0.36	-0.18	0.36	-0.15	-0.10	2.8
R	31	O	68578	SR	0.25	0.24	0.00	-0.10	-0.09	0.24	2.9
R	32	O	50984	SR	0.50	0.35	-0.19	-0.10	0.35	-0.14	2.7
R	33	O	55491	SR	0.36	0.22	0.22	-0.17	-0.04	-0.01	2.7
R	35	O	68701	SR	0.65	0.36	-0.16	-0.16	-0.21	0.36	0.7
R	36	O	68714	SR	0.58	0.28	0.28	-0.21	-0.06	-0.16	0.7
R	37	O	51087	SR	0.87	0.37	-0.21	-0.22	0.37	-0.14	0.7
R	38	O	68045	CR	0.18	0.60					12.3
R	39	O	68532	SR	0.47	0.29	0.29	-0.11	-0.14	-0.13	0.5
R	40	O	68020	SR	0.34	0.22	0.22	-0.17	-0.06	0.01	0.5
R	42	O	68541	SR	0.56	0.32	-0.18	-0.21	-0.08	0.32	0.6
R	43	O	58098	SR	0.53	0.34	-0.12	-0.17	-0.16	0.34	0.6
R	44	O	55599	SR	0.61	0.30	-0.10	0.30	-0.23	-0.10	0.5
R	45	O	51758	SR	0.61	0.25	-0.06	0.25	-0.18	-0.13	0.6
R	46	O	50893	SR	0.45	0.26	-0.09	0.26	-0.21	-0.04	0.6
R	47	O	51750	SR	0.43	0.30	-0.03	-0.15	0.30	-0.21	0.6
R	49	O	58388	SR	0.62	0.29	0.29	-0.20	-0.09	-0.11	0.7

Table A4. Summary Item Statistics - Operational Items

Government - October Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
R	50	O	68656	SR	0.40	0.18	-0.02	-0.16	0.18	0.00	0.9
R	51	O	67983	SR	0.61	0.42	-0.23	-0.14	-0.22	0.42	0.8
R	52	O	67976	SR	0.54	0.37	0.37	-0.17	-0.19	-0.13	0.8
R	53	O	67965	CR	0.33	0.60					8.0
R	54	O	68544	SR	0.39	0.25	-0.08	0.25	-0.13	-0.05	1.1
R	55	O	68068	SR	0.20	0.08	-0.11	-0.02	0.08	0.05	1.1
R	56	O	64954	SR	0.50	0.31	-0.12	-0.15	0.31	-0.12	1.2
R	57	O	68708	SR	0.32	0.17	0.01	0.17	-0.11	-0.07	1.4
R	58	O	68635	CR	0.29	0.49					9.5
R	59	O	58292	SR	0.57	0.34	-0.20	-0.17	0.34	-0.08	2.0
R	60	O	68059	SR	0.23	0.18	0.18	-0.02	-0.11	-0.02	2.0
R	61	O	67970	SR	0.30	0.16	0.16	-0.15	-0.03	0.03	2.3
R	62	O	51257	SR	0.58	0.34	0.34	-0.20	-0.19	-0.07	2.0
R	63	O	68023	SR	0.24	0.23	0.23	-0.13	-0.03	-0.02	2.0
R	64	O	68782	SR	0.43	0.33	-0.14	-0.17	-0.10	0.33	2.1
Mean					0.43	0.27	-0.01	-0.07	-0.02	0.02	2.2
SD					0.17	0.08	0.19	0.17	0.18	0.18	3.4

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A5. Summary Item Statistics - Operational Items
Algebra - January Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
AB	1	L	79020	SR	0.51	0.41	-0.25	0.41	-0.18	-0.10	0.5
AB	2	L	56613	SR	0.73	0.38	0.38	-0.23	-0.22	-0.14	0.1
AB	3	L	54784	SR	0.78	0.35	-0.18	0.35	-0.20	-0.18	0.3
AB	4	L	106557	SR	0.19	0.26	0.26	-0.09	-0.09	-0.04	1.1
AB	5	O	54825	SR	0.41	0.27	-0.15	0.27	-0.06	-0.15	0.8
AB	6	L	79070	CR	0.32	0.66					5.1
AB	9	O	54831	SR	0.17	0.21	-0.03	-0.04	-0.10	0.21	0.6
AB	11	L	106579	SR	0.41	0.32	-0.13	-0.18	0.32	-0.08	0.6
AB	12	L	67494	CR	0.16	0.69					15.3
AB	13	O	56588	SPR	0.39	0.41	0.41	-0.30			7.1
AB	14	L	51377	SPR	0.59	0.48	0.48	-0.39			4.7
AB	16	L	54817	SPR	0.22	0.48	0.48	-0.28			15.6
AB	19	L	54766	SR	0.55	0.48	-0.22	-0.24	0.48	-0.16	3.1
AB	20	L	54867	SR	0.29	0.37	0.00	0.37	-0.17	-0.23	3.6
AB	21	L	43203	CR	0.43	0.65					12.1
AB	22	L	51559	SR	0.19	0.20	-0.04	-0.05	-0.06	0.20	6.3
AB	23	L	79133	SR	0.63	0.37	-0.18	-0.23	0.37	-0.11	6.3
AB	24	L	79083	SR	0.33	0.26	0.26	-0.05	-0.11	-0.13	7.3
AB	25	L	54619	SR	0.78	0.36	-0.12	-0.21	-0.20	0.36	0.6
AB	26	L	79089	SR	0.59	0.44	-0.19	-0.21	0.44	-0.20	0.7
AB	27	L	56818	SR	0.58	0.44	-0.11	0.44	-0.22	-0.26	0.9
AB	28	L	52340	SR	0.58	0.46	0.46	-0.21	-0.30	-0.16	0.7
AB	31	O	43156	SR	0.50	0.47	-0.15	-0.22	-0.23	0.47	1.0
AB	33	O	54816	SR	0.35	0.34	-0.21	0.34	-0.10	-0.04	0.8
AB	34	O	56770	SR	0.33	0.52	-0.24	-0.15	-0.20	0.52	0.8
AB	35	L	79031	SR	0.70	0.27	-0.13	0.27	-0.11	-0.16	0.9
AB	36	L	50418	CR	0.50	0.60					10.8
AB	37	L	79074	SPR	0.27	0.51	0.51	-0.32			9.3
AB	38	L	50415	SPR	0.30	0.57	0.57	-0.39			9.5
AB	40	L	54708	SPR	0.15	0.41	0.41	-0.13			15.8
AB	41	L	67512	CR	0.17	0.62					27.0
AB	42	L	64696	SR	0.69	0.39	-0.14	-0.26	0.39	-0.11	2.2
AB	43	L	51366	SR	0.34	0.34	-0.07	-0.15	-0.12	0.34	2.3
AB	44	L	67404	SR	0.49	0.31	-0.16	-0.12	-0.07	0.31	2.6
AB	45	L	54903	CR	0.38	0.64					19.4
AB	46	L	67429	SR	0.38	0.33	0.00	-0.22	0.33	-0.13	3.9
AB	47	L	43135	SR	0.44	0.40	-0.16	0.40	-0.21	-0.06	4.0
AB	48	O	67428	SR	0.61	0.38	0.38	-0.18	-0.16	-0.13	4.1
Mean					0.43	0.42	0.05	-0.06	-0.03	-0.01	5.5
SD					0.18	0.13	0.28	0.26	0.24	0.23	6.3

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A6. Summary Item Statistics - Operational Items
Algebra - January Make-Up

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
C	1	L	79020	SR	0.51	0.41	-0.25	0.41	-0.18	-0.10	0.5
C	2	L	56613	SR	0.73	0.38	0.38	-0.23	-0.22	-0.14	0.1
C	3	L	54784	SR	0.78	0.35	-0.18	0.35	-0.20	-0.18	0.3
C	4	L	106557	SR	0.19	0.26	0.26	-0.09	-0.09	-0.04	1.1
C	5	O	56661	SR	0.46	0.24	-0.12	-0.17	0.24	-0.04	1.2
C	6	L	79070	CR	0.32	0.66					5.1
C	9	O	51358	SR	0.20	0.25	0.00	-0.06	-0.17	0.25	1.2
C	11	L	106579	SR	0.41	0.32	-0.13	-0.18	0.32	-0.08	0.6
C	12	L	67494	CR	0.16	0.69					15.3
C	13	O	106607	SPR	0.49	0.32	0.32	-0.21			5.3
C	14	L	51377	SPR	0.59	0.48	0.48	-0.39			4.7
C	16	L	54817	SPR	0.22	0.48	0.48	-0.28			15.6
C	19	L	54766	SR	0.55	0.48	-0.22	-0.24	0.48	-0.16	3.1
C	20	L	54867	SR	0.29	0.37	0.00	0.37	-0.17	-0.23	3.6
C	21	L	43203	CR	0.43	0.65					12.1
C	22	L	51559	SR	0.19	0.20	-0.04	-0.05	-0.06	0.20	6.3
C	23	L	79133	SR	0.63	0.37	-0.18	-0.23	0.37	-0.11	6.3
C	24	L	79083	SR	0.33	0.26	0.26	-0.05	-0.11	-0.13	7.3
C	25	L	54619	SR	0.78	0.36	-0.12	-0.21	-0.20	0.36	0.6
C	26	L	79089	SR	0.59	0.44	-0.19	-0.21	0.44	-0.20	0.7
C	27	L	56818	SR	0.58	0.44	-0.11	0.44	-0.22	-0.26	0.9
C	28	L	52340	SR	0.58	0.46	0.46	-0.21	-0.30	-0.16	0.7
C	31	O	52339	SR	0.41	0.33	0.33	-0.16	-0.14	-0.05	1.3
C	33	O	56694	SR	0.49	0.36	-0.10	-0.19	0.36	-0.15	1.5
C	34	O	54810	SR	0.42	0.38	-0.14	0.38	-0.13	-0.17	1.2
C	35	L	79031	SR	0.70	0.27	-0.13	0.27	-0.11	-0.16	0.9
C	36	L	50418	CR	0.50	0.60					10.8
C	37	L	79074	SPR	0.27	0.51	0.51	-0.32			9.3
C	38	L	50415	SPR	0.30	0.57	0.57	-0.39			9.5
C	40	L	54708	SPR	0.15	0.41	0.41	-0.13			15.8
C	41	L	67512	CR	0.17	0.62					27.0
C	42	L	64696	SR	0.69	0.39	-0.14	-0.26	0.39	-0.11	2.2
C	43	L	51366	SR	0.34	0.34	-0.07	-0.15	-0.12	0.34	2.3
C	44	L	67404	SR	0.49	0.31	-0.16	-0.12	-0.07	0.31	2.6
C	45	L	54903	CR	0.38	0.64					19.4
C	46	L	67429	SR	0.38	0.33	0.00	-0.22	0.33	-0.13	3.9
C	47	L	43135	SR	0.44	0.40	-0.16	0.40	-0.21	-0.06	4.0
C	48	O	67487	SR	0.43	0.46	-0.12	-0.17	-0.18	0.46	4.8
Mean					0.44	0.42	0.06	-0.07	0.00	-0.03	5.5
SD					0.18	0.13	0.27	0.25	0.26	0.21	6.2

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A7. Summary Item Statistics - Operational Items
Biology - January Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
AB	1	L	52464	SR	0.91	0.19	-0.10	-0.12	-0.10	0.19	0.2
AB	2	L	68164	SR	0.90	0.32	-0.19	-0.19	0.32	-0.15	0.2
AB	3	L	52549	CR	0.13	0.69					7.5
AB	4	L	52483	SR	0.80	0.40	0.40	-0.23	-0.19	-0.23	0.1
AB	7	O	68160	SR	0.66	0.48	-0.30	-0.23	-0.19	0.48	0.2
AB	8	L	79486	SR	0.47	0.52	0.52	-0.28	-0.26	-0.13	0.3
AB	9	O	57012	SR	0.54	0.34	-0.14	-0.17	0.34	-0.22	0.2
AB	10	L	52710	SR	0.54	0.49	0.49	-0.23	-0.24	-0.22	0.4
AB	14	L	52601	SR	0.20	0.24	0.05	-0.14	-0.11	0.24	1.0
AB	15	L	52602	SR	0.28	0.20	-0.13	0.20	0.04	-0.13	1.1
AB	16	L	68112	CR	0.30	0.74					7.4
AB	17	L	108533	SR	0.45	0.36	-0.22	-0.09	0.36	-0.18	0.5
AB	18	L	108535	SR	0.45	0.27	-0.20	-0.18	0.27	0.02	0.6
AB	21	L	55145	SR	0.64	0.49	-0.21	0.49	-0.26	-0.23	0.7
AB	22	L	55003	SR	0.63	0.52	-0.26	-0.28	0.52	-0.22	0.7
AB	23	L	55001	SR	0.75	0.52	-0.27	0.52	-0.26	-0.26	0.7
AB	25	L	55202	CR	0.24	0.80					11.8
AB	27	O	52740	SR	0.41	0.29	-0.13	-0.01	-0.19	0.29	0.8
AB	28	L	55062	SR	0.64	0.54	-0.23	-0.25	-0.29	0.54	0.9
AB	29	L	55061	SR	0.71	0.42	-0.20	-0.21	0.42	-0.25	0.9
AB	30	L	55064	SR	0.54	0.39	-0.25	-0.29	0.39	-0.03	1.0
AB	33	L	52512	SR	0.51	0.37	-0.09	0.37	-0.28	-0.14	1.2
AB	34	L	79288	SR	0.51	0.55	0.55	-0.29	-0.29	-0.15	1.3
AB	35	L	79287	SR	0.54	0.52	-0.27	-0.22	-0.24	0.52	1.4
AB	36	L	52635	CR	0.30	0.82					15.3
AB	37	L	79405	SR	0.69	0.34	-0.20	-0.22	0.34	-0.06	0.5
AB	38	O	79422	SR	0.66	0.20	-0.18	-0.17	0.20	0.01	0.4
AB	39	L	52505	SR	0.53	0.52	-0.26	0.52	-0.26	-0.17	0.5
AB	40	L	52504	SR	0.71	0.46	-0.23	-0.26	0.46	-0.20	0.5
AB	41	L	52460	SR	0.59	0.37	-0.17	0.37	-0.24	-0.13	0.5
AB	42	L	67599	CR	0.16	0.70					13.0
AB	43	O	52619	SR	0.64	0.52	-0.18	-0.27	-0.30	0.52	0.4
AB	44	O	57069	SR	0.79	0.41	0.41	-0.21	-0.24	-0.19	0.5
AB	47	L	79309	SR	0.59	0.49	-0.25	-0.27	0.49	-0.20	0.5
AB	48	L	79310	SR	0.58	0.46	0.46	-0.23	-0.22	-0.19	0.6
AB	49	L	67673	SR	0.42	0.49	-0.26	-0.20	-0.14	0.49	0.5
AB	50	L	108528	SR	0.79	0.39	-0.21	0.39	-0.22	-0.17	0.5
AB	51	L	108530	SR	0.76	0.38	-0.18	-0.24	0.38	-0.15	0.5
AB	52	L	68187	SR	0.50	0.46	-0.23	0.46	-0.17	-0.22	0.6
AB	53	L	55215	SR	0.54	0.52	-0.21	-0.29	0.52	-0.19	0.6
AB	54	L	52539	SR	0.67	0.45	0.45	-0.26	-0.27	-0.14	0.6

Table A7. Summary Item Statistics - Operational Items

Biology - January Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
AB	55	L	68304	CR	0.37	0.80					7.4
AB	56	O	52411	SR	0.43	0.40	-0.10	-0.19	0.40	-0.18	1.0
AB	57	O	64723	SR	0.65	0.48	0.48	-0.23	-0.22	-0.23	1.0
AB	58	L	68309	SR	0.64	0.41	-0.19	-0.26	0.41	-0.11	1.2
AB	59	L	68205	SR	0.73	0.54	-0.22	-0.26	-0.31	0.54	1.3
AB	60	L	68206	SR	0.66	0.43	-0.16	0.43	-0.23	-0.21	1.2
AB	61	O	79504	SR	0.49	0.37	-0.10	0.37	-0.18	-0.17	1.3
AB	65	O	94194	SR	0.58	0.53	-0.23	0.53	-0.24	-0.25	1.5
AB	66	L	60540	CR	0.17	0.80					21.4
AB	67	L	53487	SR	0.64	0.53	-0.21	-0.26	-0.26	0.53	1.4
AB	68	O	64707	SR	0.64	0.51	-0.20	0.51	-0.24	-0.26	1.3
AB	69	L	64982	SR	0.43	0.57	0.57	-0.32	-0.22	-0.14	1.5
AB	70	L	108572	SR	0.62	0.34	-0.26	0.34	-0.10	-0.10	1.5
AB	71	L	57133	SR	0.52	0.42	0.42	-0.10	-0.25	-0.19	2.4
Mean					0.55	0.47	-0.05	-0.04	-0.03	-0.04	2.2
SD					0.18	0.15	0.28	0.30	0.29	0.26	4.2

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A8. Summary Item Statistics - Operational Items
Biology - January Make-Up

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
C	1	L	52464	SR	0.91	0.19	-0.10	-0.12	-0.10	0.19	0.2
C	2	L	68164	SR	0.90	0.32	-0.19	-0.19	0.32	-0.15	0.2
C	3	L	52549	CR	0.13	0.69					7.5
C	4	L	52483	SR	0.80	0.40	0.40	-0.23	-0.19	-0.23	0.1
C	7	O	68264	SR	0.66	0.42	-0.19	-0.18	-0.25	0.42	0.3
C	8	L	79486	SR	0.47	0.52	0.52	-0.28	-0.26	-0.13	0.3
C	9	O	52599	SR	0.52	0.28	-0.15	0.28	-0.11	-0.12	0.3
C	10	L	52710	SR	0.54	0.49	0.49	-0.23	-0.24	-0.22	0.4
C	14	L	52601	SR	0.20	0.24	0.05	-0.14	-0.11	0.24	1.0
C	15	L	52602	SR	0.28	0.20	-0.13	0.20	0.04	-0.13	1.1
C	16	L	68112	CR	0.30	0.74					7.4
C	17	L	108533	SR	0.45	0.36	-0.22	-0.09	0.36	-0.18	0.5
C	18	L	108535	SR	0.45	0.27	-0.20	-0.18	0.27	0.02	0.6
C	21	L	55145	SR	0.64	0.49	-0.21	0.49	-0.26	-0.23	0.7
C	22	L	55003	SR	0.63	0.52	-0.26	-0.28	0.52	-0.22	0.7
C	23	L	55001	SR	0.75	0.52	-0.27	0.52	-0.26	-0.26	0.7
C	25	L	55202	CR	0.24	0.80					11.8
C	27	O	68122	SR	0.41	0.45	-0.18	0.45	-0.19	-0.15	1.5
C	28	L	55062	SR	0.64	0.54	-0.23	-0.25	-0.29	0.54	0.9
C	29	L	55061	SR	0.71	0.42	-0.20	-0.21	0.42	-0.25	0.9
C	30	L	55064	SR	0.54	0.39	-0.25	-0.29	0.39	-0.03	1.0
C	33	L	52512	SR	0.51	0.37	-0.09	0.37	-0.28	-0.14	1.2
C	34	L	79288	SR	0.51	0.55	0.55	-0.29	-0.29	-0.15	1.3
C	35	L	79287	SR	0.54	0.52	-0.27	-0.22	-0.24	0.52	1.4
C	36	L	52635	CR	0.30	0.82					15.3
C	37	L	79405	SR	0.69	0.34	-0.20	-0.22	0.34	-0.06	0.5
C	38	O	65078	SR	0.59	0.50	-0.27	-0.24	0.50	-0.16	1.4
C	39	L	52505	SR	0.53	0.52	-0.26	0.52	-0.26	-0.17	0.5
C	40	L	52504	SR	0.71	0.46	-0.23	-0.26	0.46	-0.20	0.5
C	41	L	52460	SR	0.59	0.37	-0.17	0.37	-0.24	-0.13	0.5
C	42	L	67599	CR	0.16	0.70					13.0
C	43	O	68284	SR	0.40	0.22	-0.04	0.22	-0.11	-0.09	1.3
C	44	O	52757	SR	0.50	0.42	0.42	-0.22	-0.15	-0.16	0.9
C	47	L	79309	SR	0.59	0.49	-0.25	-0.27	0.49	-0.20	0.5
C	48	L	79310	SR	0.58	0.46	0.46	-0.23	-0.22	-0.19	0.6
C	49	L	67673	SR	0.42	0.49	-0.26	-0.20	-0.14	0.49	0.5
C	50	L	108528	SR	0.79	0.39	-0.21	0.39	-0.22	-0.17	0.5
C	51	L	108530	SR	0.76	0.38	-0.18	-0.24	0.38	-0.15	0.5
C	52	L	68187	SR	0.50	0.46	-0.23	0.46	-0.17	-0.22	0.6
C	53	L	55215	SR	0.54	0.52	-0.21	-0.29	0.52	-0.19	0.6
C	54	L	52539	SR	0.67	0.45	0.45	-0.26	-0.27	-0.14	0.6
C	55	L	68304	CR	0.37	0.80					7.4
C	56	O	53476	SR	0.46	0.33	-0.13	0.33	-0.12	-0.09	2.3

Table A8. Summary Item Statistics - Operational Items

Biology - January Make-Up

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
C	57	O	64998	SR	0.30	0.32	0.01	-0.17	-0.14	0.32	2.3
C	58	L	68309	SR	0.64	0.41	-0.19	-0.26	0.41	-0.11	1.2
C	59	L	68205	SR	0.73	0.54	-0.22	-0.26	-0.31	0.54	1.3
C	60	L	68206	SR	0.66	0.43	-0.16	0.43	-0.23	-0.21	1.2
C	61	O	55014	SR	0.20	0.29	0.29	-0.04	-0.03	-0.17	2.7
C	65	O	65084	SR	0.35	0.35	-0.16	-0.21	0.00	0.36	3.3
C	66	L	60540	CR	0.17	0.80					21.4
C	67	L	53487	SR	0.64	0.53	-0.21	-0.26	-0.26	0.53	1.4
C	68	O	67603	SR	0.47	0.26	0.26	-0.18	0.05	-0.14	2.8
C	69	L	64982	SR	0.43	0.57	0.57	-0.32	-0.22	-0.14	1.5
C	70	L	108572	SR	0.62	0.34	-0.26	0.34	-0.10	-0.10	1.5
C	71	L	57133	SR	0.52	0.42	0.42	-0.10	-0.25	-0.19	2.4
Mean					0.52	0.46	-0.04	-0.04	-0.02	-0.04	2.4
SD					0.19	0.15	0.28	0.29	0.28	0.25	4.1

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A9. Summary Item Statistics - Operational Items

English - January Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
AB	1	L	130197	CR	0.60	0.61					2.6
AB	2	O	130960	SR	0.64	0.44	-0.16	-0.28	-0.22	0.44	0.1
AB	3	O	130963	SR	0.74	0.36	0.36	-0.21	-0.22	-0.13	0.1
AB	4	O	130950	SR	0.57	0.46	0.46	-0.21	-0.29	-0.17	0.0
AB	5	O	130964	SR	0.53	0.51	-0.18	-0.30	0.51	-0.23	0.0
AB	7	L	96367	SR	0.78	0.36	0.36	-0.20	-0.20	-0.16	0.3
AB	8	L	96368	SR	0.72	0.47	-0.18	-0.21	-0.32	0.47	0.3
AB	9	L	96369	SR	0.70	0.39	-0.23	-0.18	0.39	-0.19	0.4
AB	10	L	96370	SR	0.66	0.36	-0.12	-0.21	-0.27	0.36	0.5
AB	11	L	96371	SR	0.57	0.43	-0.20	-0.24	0.43	-0.17	0.6
AB	12	L	96372	SR	0.70	0.48	-0.22	-0.25	-0.25	0.48	0.5
AB	13	L	96373	SR	0.63	0.41	-0.23	0.41	-0.29	-0.12	0.6
AB	14	L	96375	SR	0.63	0.42	-0.23	-0.20	0.42	-0.17	0.5
AB	18	L	130092	SR	0.65	0.38	-0.20	-0.24	0.38	-0.13	1.1
AB	19	L	130093	SR	0.65	0.36	-0.19	-0.21	0.36	-0.11	1.2
AB	20	L	135486	SR	0.69	0.50	-0.22	-0.26	-0.27	0.50	1.4
AB	21	L	130095	SR	0.51	0.38	-0.24	-0.27	-0.08	0.38	1.5
AB	22	L	130235	SR	0.74	0.45	-0.19	-0.28	0.45	-0.23	1.7
AB	23	L	130236	CR	0.45	0.65					8.2
AB	24	O	130962	CR	0.55	0.69					2.6
AB	25	L	130296	SR	0.54	0.44	-0.25	0.44	-0.20	-0.15	0.4
AB	26	L	130297	SR	0.60	0.35	0.35	-0.11	-0.14	-0.22	0.4
AB	27	L	130298	SR	0.70	0.40	0.40	-0.21	-0.22	-0.17	0.3
AB	34	L	96187	SR	0.56	0.49	0.49	-0.38	-0.13	-0.14	0.7
AB	35	L	96188	SR	0.62	0.26	-0.10	-0.09	0.26	-0.16	0.8
AB	36	L	96189	SR	0.56	0.32	-0.19	-0.15	0.32	-0.15	0.8
AB	37	L	96190	SR	0.65	0.43	0.43	-0.23	-0.27	-0.10	0.7
AB	38	O	96191	SR	0.88	0.40	-0.21	-0.21	-0.23	0.40	0.7
AB	46	L	108918	SR	0.55	0.44	-0.22	-0.24	0.44	-0.18	0.8
AB	47	L	108925	SR	0.75	0.45	-0.24	-0.24	0.45	-0.20	0.6
AB	48	L	108783	SR	0.56	0.46	-0.16	-0.27	-0.20	0.46	0.8
AB	49	L	108921	SR	0.51	0.42	-0.08	0.42	-0.25	-0.22	0.9
AB	50	L	108919	SR	0.56	0.51	-0.23	-0.23	-0.25	0.51	0.9
AB	52	L	108924	SR	0.53	0.43	-0.20	0.43	-0.22	-0.13	0.8
AB	53	L	109739	SR	0.61	0.42	0.42	-0.20	-0.21	-0.16	0.9
AB	54	L	108927	CR	0.36	0.75					8.8
AB	55	O	96329	SR	0.71	0.46	-0.20	0.46	-0.28	-0.19	0.8
AB	56	O	130264	SR	0.71	0.48	0.48	-0.25	-0.25	-0.21	0.8
AB	58	L	108718	SR	0.66	0.47	-0.20	-0.27	0.47	-0.20	1.1
AB	59	L	108717	SR	0.62	0.43	0.43	-0.25	-0.17	-0.21	1.0
AB	60	L	108719	SR	0.51	0.39	-0.16	0.39	-0.29	-0.08	1.1
AB	61	L	108716	SR	0.68	0.52	-0.23	-0.27	-0.25	0.52	1.1
AB	62	L	108715	SR	0.56	0.44	0.44	-0.22	-0.22	-0.15	1.1

Table A9. Summary Item Statistics - Operational Items

English - January Primary

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
AB	65	O	96056	SR	0.63	0.56	-0.24	-0.28	-0.26	0.56	1.3
AB	66	O	96057	SR	0.35	0.39	-0.15	0.39	-0.14	-0.18	1.2
AB	67	L	96227	SR	0.70	0.43	-0.20	0.43	-0.24	-0.18	1.6
AB	68	L	96228	SR	0.57	0.51	0.51	-0.24	-0.23	-0.21	1.6
AB	69	L	96229	SR	0.47	0.35	0.35	-0.23	-0.26	0.02	1.6
AB	70	L	96230	SR	0.61	0.54	-0.23	-0.26	-0.24	0.54	1.6
AB	71	L	130267	SR	0.30	0.34	-0.10	0.34	-0.20	-0.04	1.6
Mean					0.61	0.45	-0.02	-0.11	-0.06	0.00	1.2
SD					0.11	0.09	0.29	0.26	0.29	0.28	1.6

Note: Tabled item position number is based on Form A and varies somewhat on Form B.

Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A10. Summary Item Statistics - Operational Items
English - January Make-Up

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
C	1	L	130197	CR	0.60	0.61					2.6
C	2	O	96009	SR	0.59	0.33	-0.18	-0.19	0.33	-0.12	0.1
C	3	O	96010	SR	0.51	0.29	0.29	-0.03	-0.20	-0.23	0.0
C	4	O	96011	SR	0.65	0.45	-0.20	-0.18	-0.29	0.45	0.3
C	5	O	96012	SR	0.52	0.28	0.28	0.00	-0.21	-0.22	0.4
C	6	O	96013	SR	0.40	0.29	0.29	-0.18	-0.12	-0.04	0.5
C	7	L	96367	SR	0.78	0.36	0.36	-0.20	-0.20	-0.16	0.3
C	8	L	96368	SR	0.72	0.47	-0.18	-0.21	-0.32	0.47	0.3
C	9	L	96369	SR	0.70	0.39	-0.23	-0.18	0.39	-0.19	0.4
C	10	L	96370	SR	0.66	0.36	-0.12	-0.21	-0.27	0.36	0.5
C	11	L	96371	SR	0.57	0.43	-0.20	-0.24	0.43	-0.17	0.6
C	12	L	96372	SR	0.70	0.48	-0.22	-0.25	-0.25	0.48	0.5
C	13	L	96373	SR	0.63	0.41	-0.23	0.41	-0.29	-0.12	0.6
C	14	L	96375	SR	0.63	0.42	-0.23	-0.20	0.42	-0.17	0.5
C	18	L	130092	SR	0.65	0.38	-0.20	-0.24	0.38	-0.13	1.1
C	19	L	130093	SR	0.65	0.36	-0.19	-0.21	0.36	-0.11	1.2
C	20	L	135486	SR	0.69	0.50	-0.22	-0.26	-0.27	0.50	1.4
C	21	L	130095	SR	0.51	0.38	-0.24	-0.27	-0.08	0.38	1.5
C	22	L	130235	SR	0.74	0.45	-0.19	-0.28	0.45	-0.23	1.7
C	23	L	130236	CR	0.45	0.65					8.2
C	24	O	96304	CR	0.36	0.63					13.1
C	25	L	130296	SR	0.54	0.44	-0.25	0.44	-0.20	-0.15	0.4
C	26	L	130297	SR	0.60	0.35	0.35	-0.11	-0.14	-0.22	0.4
C	27	L	130298	SR	0.70	0.40	0.40	-0.21	-0.22	-0.17	0.3
C	35	L	96187	SR	0.56	0.49	0.49	-0.38	-0.13	-0.14	0.7
C	36	L	96188	SR	0.62	0.26	-0.10	-0.09	0.26	-0.16	0.8
C	37	L	96189	SR	0.56	0.32	-0.19	-0.15	0.32	-0.15	0.8
C	38	L	96190	SR	0.65	0.43	0.43	-0.23	-0.27	-0.10	0.7
C	46	L	108918	SR	0.55	0.44	-0.22	-0.24	0.44	-0.18	0.8
C	47	L	108925	SR	0.75	0.45	-0.24	-0.24	0.45	-0.20	0.6
C	48	L	108783	SR	0.56	0.46	-0.16	-0.27	-0.20	0.46	0.8
C	49	L	108921	SR	0.51	0.42	-0.08	0.42	-0.25	-0.22	0.9
C	50	L	108919	SR	0.56	0.51	-0.23	-0.23	-0.25	0.51	0.9
C	52	L	108924	SR	0.53	0.43	-0.20	0.43	-0.22	-0.13	0.8
C	53	L	109739	SR	0.61	0.42	0.42	-0.20	-0.21	-0.16	0.9
C	54	L	108927	CR	0.36	0.75					8.8
C	55	O	130238	SR	0.72	0.48	0.48	-0.26	-0.22	-0.18	2.3
C	56	O	130239	SR	0.77	0.50	-0.22	0.50	-0.27	-0.20	2.3
C	58	L	108718	SR	0.66	0.47	-0.20	-0.27	0.47	-0.20	1.1
C	59	L	108717	SR	0.62	0.43	0.43	-0.25	-0.17	-0.21	1.0
C	60	L	108719	SR	0.51	0.39	-0.16	0.39	-0.29	-0.08	1.1
C	61	L	108716	SR	0.68	0.52	-0.23	-0.27	-0.25	0.52	1.1
C	62	L	108715	SR	0.56	0.44	0.44	-0.22	-0.22	-0.15	1.1

Table A10. Summary Item Statistics - Operational Items

English - January Make-Up

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
C	65	O	96335	SR	0.35	0.32	-0.17	-0.06	-0.09	0.32	2.4
C	66	O	96336	SR	0.54	0.30	-0.13	0.30	-0.07	-0.12	2.3
C	67	L	96227	SR	0.70	0.43	-0.20	0.43	-0.24	-0.18	1.6
C	68	L	96228	SR	0.57	0.51	0.51	-0.24	-0.23	-0.21	1.6
C	69	L	96229	SR	0.47	0.35	0.35	-0.23	-0.26	0.02	1.6
C	70	L	96230	SR	0.61	0.54	-0.23	-0.26	-0.24	0.54	1.6
C	71	L	130267	SR	0.30	0.34	-0.10	0.34	-0.20	-0.04	1.6
Mean					0.59	0.43	-0.01	-0.09	-0.06	-0.01	1.5
SD					0.11	0.10	0.28	0.26	0.28	0.27	2.3

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A11. Summary Item Statistics - Operational Items
Government - January Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
AB	1	L	50857	SR	0.52	0.37	0.37	-0.05	-0.32	-0.16	0.2
AB	2	L	51773	SR	0.79	0.47	-0.19	-0.29	-0.26	0.47	0.1
AB	3	L	53748	SR	0.78	0.41	0.41	-0.24	-0.24	-0.20	0.1
AB	5	L	68671	CR	0.38	0.70					2.8
AB	6	L	68609	SR	0.66	0.45	-0.22	-0.26	0.45	-0.19	0.2
AB	7	L	68035	SR	0.52	0.39	-0.13	-0.27	-0.14	0.39	0.2
AB	8	L	50995	SR	0.54	0.38	0.38	-0.06	-0.25	-0.27	0.2
AB	9	L	51776	SR	0.43	0.31	-0.05	-0.14	-0.24	0.31	0.5
AB	10	L	68096	CR	0.36	0.75					5.5
AB	11	L	68676	SR	0.62	0.35	-0.12	-0.23	0.35	-0.14	0.2
AB	13	O	51722	SR	0.50	0.46	-0.18	-0.21	-0.26	0.46	0.2
AB	14	O	58433	SR	0.58	0.47	-0.23	-0.21	-0.23	0.47	0.4
AB	15	L	68551	CR	0.35	0.74					7.5
AB	16	L	68612	SR	0.76	0.38	-0.21	-0.18	-0.24	0.38	0.3
AB	17	L	68554	SR	0.54	0.40	0.40	-0.19	-0.24	-0.14	0.3
AB	18	L	50793	SR	0.46	0.36	-0.24	-0.13	0.36	-0.08	0.5
AB	19	L	68742	SR	0.80	0.45	0.45	-0.25	-0.24	-0.22	0.4
AB	20	L	108429	SR	0.71	0.51	-0.23	-0.26	-0.29	0.51	0.8
AB	21	L	51236	CR	0.32	0.71					7.7
AB	22	L	58201	SR	0.48	0.47	-0.14	-0.19	-0.27	0.47	0.6
AB	23	L	51137	SR	0.79	0.45	-0.26	-0.24	0.45	-0.19	0.5
AB	24	L	108445	SR	0.32	0.30	0.30	-0.10	-0.18	-0.07	0.7
AB	25	L	108367	SR	0.68	0.46	-0.25	-0.26	-0.19	0.46	0.7
AB	27	L	79637	SR	0.55	0.37	-0.18	0.37	-0.25	-0.05	1.0
AB	28	L	51143	SR	0.69	0.46	0.46	-0.18	-0.29	-0.21	0.9
AB	30	L	68689	SR	0.81	0.43	-0.22	-0.20	-0.21	0.43	4.0
AB	31	L	68692	SR	0.73	0.47	-0.21	-0.28	0.47	-0.19	4.2
AB	32	L	68564	SR	0.52	0.47	-0.21	0.47	-0.19	-0.18	4.5
AB	33	L	68696	SR	0.43	0.31	0.00	0.31	-0.24	-0.12	4.7
AB	34	L	68506	SR	0.40	0.33	-0.22	-0.06	0.33	-0.10	4.8
AB	35	L	51221	SR	0.54	0.50	-0.18	-0.23	-0.27	0.50	0.5
AB	36	L	79711	SR	0.64	0.44	-0.28	-0.15	0.44	-0.21	0.5
AB	37	L	51008	SR	0.29	0.30	0.30	-0.22	-0.24	-0.04	0.5
AB	38	O	108477	SR	0.68	0.42	-0.20	-0.25	-0.22	0.42	0.4
AB	39	L	50952	CR	0.29	0.75					10.5
AB	40	L	68582	SR	0.66	0.42	0.42	-0.21	-0.20	-0.20	0.5
AB	41	L	53700	SR	0.54	0.45	-0.15	-0.26	0.45	-0.20	0.5
AB	42	L	68508	SR	0.29	0.34	0.34	0.00	-0.28	-0.16	0.7
AB	43	L	51083	SR	0.43	0.33	-0.17	-0.16	0.33	-0.06	0.8
AB	44	O	68646	SR	0.50	0.42	-0.19	0.42	-0.23	-0.14	0.7
AB	45	L	68718	SR	0.82	0.47	-0.25	0.47	-0.26	-0.21	0.8
AB	46	O	60424	CR	0.32	0.78					12.0
AB	47	L	51732	SR	0.89	0.36	0.36	-0.22	-0.18	-0.16	0.6

Table A11. Summary Item Statistics - Operational Items

Government - January Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
AB	48	O	68591	SR	0.74	0.44	-0.20	-0.28	0.44	-0.16	0.7
AB	50	L	64787	SR	0.37	0.42	-0.11	0.42	-0.17	-0.20	0.9
AB	51	O	65188	SR	0.32	0.25	-0.10	0.25	-0.13	-0.03	0.8
AB	52	L	68647	CR	0.31	0.74					6.0
AB	53	O	68596	SR	0.53	0.54	-0.23	-0.25	-0.23	0.54	1.0
AB	54	L	64800	SR	0.59	0.51	-0.23	-0.25	0.51	-0.21	1.1
AB	55	O	51244	SR	0.72	0.44	-0.18	-0.25	0.44	-0.22	1.1
AB	56	O	65179	SR	0.55	0.43	-0.22	0.43	-0.14	-0.19	1.3
AB	58	L	65190	SR	0.78	0.51	-0.26	-0.26	-0.23	0.51	1.3
AB	59	L	68653	CR	0.33	0.76					13.4
AB	60	L	60452	SR	0.66	0.56	-0.20	-0.28	-0.30	0.56	1.1
AB	61	O	67967	SR	0.65	0.48	-0.19	-0.25	0.48	-0.22	1.0
AB	62	L	52221	SR	0.58	0.33	-0.19	0.33	-0.11	-0.13	1.2
AB	63	O	67986	SR	0.49	0.42	0.42	-0.30	-0.24	-0.03	1.2
AB	64	L	68088	SR	0.77	0.52	0.52	-0.26	-0.28	-0.23	1.3
Mean					0.56	0.46	-0.04	-0.10	-0.06	0.03	2.0
SD					0.17	0.13	0.27	0.24	0.29	0.29	3.0

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A12. Summary Item Statistics - Operational Items
Government - January Make-Up

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
C	1	L	50857	SR	0.52	0.37	0.37	-0.05	-0.32	-0.16	0.2
C	2	L	51773	SR	0.79	0.47	-0.19	-0.29	-0.26	0.47	0.1
C	3	L	53748	SR	0.78	0.41	0.41	-0.24	-0.24	-0.20	0.1
C	5	L	68671	CR	0.38	0.70					2.8
C	6	L	68609	SR	0.66	0.45	-0.22	-0.26	0.45	-0.19	0.2
C	7	L	68035	SR	0.52	0.39	-0.13	-0.27	-0.14	0.39	0.2
C	8	L	50995	SR	0.54	0.38	0.38	-0.06	-0.25	-0.27	0.2
C	9	L	51776	SR	0.43	0.31	-0.05	-0.14	-0.24	0.31	0.5
C	10	L	68096	CR	0.36	0.75					5.5
C	11	L	68676	SR	0.62	0.35	-0.12	-0.23	0.35	-0.14	0.2
C	13	O	51053	SR	0.57	0.40	-0.20	0.40	-0.17	-0.18	0.6
C	14	O	68598	SR	0.39	0.21	-0.01	-0.12	0.21	-0.12	0.6
C	15	L	68551	CR	0.35	0.74					7.5
C	16	L	68612	SR	0.76	0.38	-0.21	-0.18	-0.24	0.38	0.3
C	17	L	68554	SR	0.54	0.40	0.40	-0.19	-0.24	-0.14	0.3
C	18	L	50793	SR	0.46	0.36	-0.24	-0.13	0.36	-0.08	0.5
C	19	L	68742	SR	0.80	0.45	0.45	-0.25	-0.24	-0.22	0.4
C	20	L	108429	SR	0.71	0.51	-0.23	-0.26	-0.29	0.51	0.8
C	21	L	51236	CR	0.32	0.71					7.7
C	22	L	58201	SR	0.48	0.47	-0.14	-0.19	-0.27	0.47	0.6
C	23	L	51137	SR	0.79	0.45	-0.26	-0.24	0.45	-0.19	0.5
C	24	L	108445	SR	0.32	0.30	0.30	-0.10	-0.18	-0.07	0.7
C	25	L	108367	SR	0.68	0.46	-0.25	-0.26	-0.19	0.46	0.7
C	27	L	79637	SR	0.55	0.37	-0.18	0.37	-0.25	-0.05	1.0
C	28	L	51143	SR	0.69	0.46	0.46	-0.18	-0.29	-0.21	0.9
C	30	L	68689	SR	0.81	0.43	-0.22	-0.20	-0.21	0.43	4.0
C	31	L	68692	SR	0.73	0.47	-0.21	-0.28	0.47	-0.19	4.2
C	32	L	68564	SR	0.52	0.47	-0.21	0.47	-0.19	-0.18	4.5
C	33	L	68696	SR	0.43	0.31	0.00	0.31	-0.24	-0.12	4.7
C	34	L	68506	SR	0.40	0.33	-0.22	-0.06	0.33	-0.10	4.8
C	35	L	51221	SR	0.54	0.50	-0.18	-0.23	-0.27	0.50	0.5
C	36	L	79711	SR	0.64	0.44	-0.28	-0.15	0.44	-0.21	0.5
C	37	L	51008	SR	0.29	0.30	0.30	-0.22	-0.24	-0.04	0.5
C	38	O	50953	SR	0.44	0.36	-0.17	-0.17	0.36	-0.10	0.9
C	39	L	50952	CR	0.29	0.75					10.5
C	40	L	68582	SR	0.66	0.42	0.42	-0.21	-0.20	-0.20	0.5
C	41	L	53700	SR	0.54	0.45	-0.15	-0.26	0.45	-0.20	0.5
C	42	L	68508	SR	0.29	0.34	0.34	0.00	-0.28	-0.16	0.7
C	43	L	51083	SR	0.43	0.33	-0.17	-0.16	0.33	-0.06	0.8
C	44	O	68592	SR	0.29	0.22	0.05	-0.24	0.22	-0.06	1.1
C	45	L	68718	SR	0.82	0.47	-0.25	0.47	-0.26	-0.21	0.8
C	46	O	108361	CR	0.20	0.71					28.4
C	47	L	51732	SR	0.89	0.36	0.36	-0.22	-0.18	-0.16	0.6

Table A12. Summary Item Statistics - Operational Items
Government - January Make-Up

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
C	48	O	68531	SR	0.30	0.41	-0.13	-0.19	-0.10	0.41	1.1
C	50	L	64787	SR	0.37	0.42	-0.11	0.42	-0.17	-0.20	0.9
C	51	O	65189	SR	0.17	0.13	0.07	0.13	-0.06	-0.07	1.4
C	52	L	68647	CR	0.31	0.74					6.0
C	53	O	64797	SR	0.38	0.36	0.36	-0.19	-0.21	0.02	1.4
C	54	L	64800	SR	0.59	0.51	-0.23	-0.25	0.51	-0.21	1.1
C	55	O	60464	SR	0.32	0.30	0.03	0.30	-0.18	-0.14	1.8
C	56	O	50837	SR	0.28	0.32	-0.12	-0.11	0.32	-0.08	1.6
C	58	L	65190	SR	0.78	0.51	-0.26	-0.26	-0.23	0.51	1.3
C	59	L	68653	CR	0.33	0.76					13.4
C	60	L	60452	SR	0.66	0.56	-0.20	-0.28	-0.30	0.56	1.1
C	61	O	51118	SR	0.42	0.47	-0.23	-0.22	-0.12	0.47	1.8
C	62	L	52221	SR	0.58	0.33	-0.19	0.33	-0.11	-0.13	1.2
C	63	O	55676	SR	0.53	0.39	-0.08	-0.22	-0.22	0.39	1.7
C	64	L	68088	SR	0.77	0.52	0.52	-0.26	-0.28	-0.23	1.3
Mean					0.52	0.44	-0.02	-0.10	-0.05	0.02	2.4
SD					0.19	0.14	0.26	0.23	0.28	0.28	4.4

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A13. Summary Item Statistics - Operational Items

Algebra - May Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
D-N	1	L	54780	SR	0.82	0.35	-0.20	0.35	-0.17	-0.19	0.1
D-N	2	L	56828	SR	0.82	0.35	-0.16	0.35	-0.26	-0.15	0.1
D-N	3	L	51407	SR	0.83	0.37	-0.17	0.37	-0.21	-0.23	0.1
D-N	4	L	54782	SR	0.85	0.23	-0.04	-0.10	0.23	-0.21	0.2
D-N	6	L	79527	CR	0.55	0.72					3.1
D-N	7	L	54861	SR	0.32	0.35	-0.25	0.00	-0.13	0.35	0.2
D-N	8	O	51540	SR	0.50	0.63	0.63	-0.15	-0.49	-0.18	0.3
D-N	9	L	51380	SR	0.67	0.51	-0.27	-0.26	-0.24	0.51	0.3
D-N	10	O	79145	SR	0.51	0.43	-0.34	-0.29	0.01	0.43	0.3
D-N	12	L	54789	SPR	0.71	0.52	0.52	-0.48			2.3
D-N	13	O	51465	SPR	0.71	0.56	0.56	-0.49			2.8
D-N	15	L	67500	CR	0.31	0.81					8.1
D-N	16	L	79138	SR	0.57	0.36	0.36	-0.25	-0.12	-0.18	0.6
D-N	17	O	106577	SR	0.63	0.47	-0.30	-0.18	-0.20	0.47	0.5
D-N	19	O	54808	CR	0.60	0.73					3.4
D-N	20	O	56619	SPR	0.67	0.58	0.58	-0.51			3.8
D-N	24	L	79124	SR	0.53	0.64	-0.35	-0.27	-0.21	0.64	2.7
D-N	25	L	79114	SR	0.74	0.36	-0.13	-0.24	0.36	-0.15	2.6
D-N	26	L	79091	SR	0.82	0.42	0.42	-0.21	-0.35	-0.11	0.2
D-N	27	O	51452	SR	0.87	0.36	-0.24	0.36	-0.20	-0.12	0.2
D-N	28	L	56550	SR	0.72	0.46	-0.23	0.46	-0.19	-0.29	0.3
D-N	30	L	56735	SR	0.52	0.49	-0.11	0.49	-0.21	-0.35	0.2
D-N	34	O	67549	SPR	0.82	0.39	0.39	-0.34			2.4
D-N	35	L	56443	SR	0.59	0.40	-0.16	-0.21	-0.22	0.40	0.4
D-N	36	L	56675	SR	0.76	0.56	0.56	-0.37	-0.27	-0.21	0.4
D-N	38	O	51400	SR	0.78	0.40	-0.19	-0.28	0.40	-0.18	0.3
D-N	41	O	43155	SR	0.70	0.32	-0.06	0.32	-0.16	-0.25	0.8
D-N	42	O	51571	CR	0.67	0.60					2.9
D-N	43	L	67481	SPR	0.74	0.48	0.48	-0.43			2.5
D-N	44	L	67440	SPR	0.55	0.63	0.63	-0.52			6.6
D-N	46	O	50383	CR	0.35	0.73					8.3
D-N	47	L	67455	SR	0.52	0.29	-0.09	-0.20	0.29	-0.08	0.9
D-N	48	L	43153	SR	0.57	0.46	-0.21	-0.26	0.46	-0.16	0.6
D-N	49	O	51497	SR	0.68	0.46	0.46	-0.27	-0.25	-0.21	0.7
D-N	50	L	56696	CR	0.33	0.67					14.3
D-N	51	O	67558	SR	0.63	0.41	-0.18	-0.29	0.41	-0.10	1.5
Mean					0.64	0.49	0.06	-0.13	-0.07	-0.02	2.1
SD					0.15	0.14	0.36	0.31	0.27	0.30	3.0

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A14. Summary Item Statistics - Operational Items

Algebra - May Make-Up 1

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
X	1	L	54780	SR	0.82	0.35	-0.20	0.35	-0.17	-0.19	0.1
X	2	L	56828	SR	0.82	0.35	-0.16	0.35	-0.26	-0.15	0.1
X	3	L	51407	SR	0.83	0.37	-0.17	0.37	-0.21	-0.23	0.1
X	4	L	54782	SR	0.85	0.23	-0.04	-0.10	0.23	-0.21	0.2
X	6	L	79527	CR	0.55	0.72					3.1
X	7	L	54861	SR	0.32	0.35	-0.25	0.00	-0.13	0.35	0.2
X	8	O	56662	SR	0.54	0.43	0.43	-0.18	-0.15	-0.25	0.3
X	9	L	51380	SR	0.67	0.51	-0.27	-0.26	-0.24	0.51	0.3
X	10	O	54847	SR	0.27	0.42	-0.12	-0.27	0.42	-0.05	0.7
X	12	L	54789	SPR	0.71	0.52	0.52	-0.48			2.3
X	13	O	106616	SPR	0.51	0.57	0.57	-0.46			5.9
X	15	L	67500	CR	0.31	0.81					8.1
X	16	L	79138	SR	0.57	0.36	0.36	-0.25	-0.12	-0.18	0.6
X	17	O	51425	SR	0.50	0.37	0.37	-0.15	-0.22	-0.11	1.4
X	19	O	54808	CR	0.60	0.73					3.4
X	20	O	67527	SPR	0.29	0.58	0.58	-0.32			19.0
X	24	L	79124	SR	0.53	0.64	-0.35	-0.27	-0.21	0.64	2.7
X	25	L	79114	SR	0.74	0.36	-0.13	-0.24	0.36	-0.15	2.6
X	26	L	79091	SR	0.82	0.42	0.42	-0.21	-0.35	-0.11	0.2
X	27	O	51452	SR	0.87	0.36	-0.24	0.36	-0.20	-0.12	0.2
X	28	L	56550	SR	0.72	0.46	-0.23	0.46	-0.19	-0.29	0.3
X	30	L	56735	SR	0.52	0.49	-0.11	0.49	-0.21	-0.35	0.2
X	34	O	67471	SPR	0.62	0.54	0.54	-0.41			7.9
X	35	L	56443	SR	0.59	0.40	-0.16	-0.21	-0.22	0.40	0.4
X	36	L	56675	SR	0.76	0.56	0.56	-0.37	-0.27	-0.21	0.4
X	38	O	51400	SR	0.78	0.40	-0.19	-0.28	0.40	-0.18	0.3
X	41	O	79069	SR	0.39	0.33	-0.13	-0.05	-0.23	0.33	0.9
X	42	O	67482	CR	0.51	0.63					9.5
X	43	L	67481	SPR	0.74	0.48	0.48	-0.43			2.5
X	44	L	67440	SPR	0.55	0.63	0.63	-0.52			6.6
X	46	O	50383	CR	0.35	0.73					8.3
X	47	L	67455	SR	0.52	0.29	-0.09	-0.20	0.29	-0.08	0.9
X	48	L	43153	SR	0.57	0.46	-0.21	-0.26	0.46	-0.16	0.6
X	49	O	51497	SR	0.68	0.46	0.46	-0.27	-0.25	-0.21	0.7
X	50	L	56696	CR	0.33	0.67					14.3
X	51	O	67558	SR	0.63	0.41	-0.18	-0.29	0.41	-0.10	1.5
X	52	O	67419	SR	0.75	0.45	-0.20	-0.23	-0.23	0.45	2.3
X	53	L	56743	SR	0.70	0.47	-0.27	-0.20	0.47	-0.19	2.4
Mean					0.60	0.48	0.07	-0.14	-0.03	-0.03	2.9
SD					0.17	0.14	0.34	0.29	0.29	0.28	4.3

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A15. Summary Item Statistics - Operational Items
Algebra - May Make-Up 2

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
Y	1	L	54780	SR	0.82	0.35	-0.20	0.35	-0.17	-0.19	0.1
Y	2	L	56828	SR	0.82	0.35	-0.16	0.35	-0.26	-0.15	0.1
Y	3	L	51407	SR	0.83	0.37	-0.17	0.37	-0.21	-0.23	0.1
Y	4	L	54782	SR	0.85	0.23	-0.04	-0.10	0.23	-0.21	0.2
Y	6	L	79527	CR	0.55	0.72					3.1
Y	7	L	54861	SR	0.32	0.35	-0.25	0.00	-0.13	0.35	0.2
Y	8	O	51540	SR	0.50	0.63	0.63	-0.15	-0.49	-0.18	0.3
Y	9	L	51380	SR	0.67	0.51	-0.27	-0.26	-0.24	0.51	0.3
Y	10	O	79145	SR	0.51	0.43	-0.34	-0.29	0.01	0.43	0.3
Y	12	L	54789	SPR	0.71	0.52	0.52	-0.48			2.3
Y	13	O	51465	SPR	0.71	0.56	0.56	-0.49			2.8
Y	15	L	67500	CR	0.31	0.81					8.1
Y	16	L	79138	SR	0.57	0.36	0.36	-0.25	-0.12	-0.18	0.6
Y	17	O	106577	SR	0.63	0.47	-0.30	-0.18	-0.20	0.47	0.5
Y	19	O	50445	CR	0.33	0.65					12.5
Y	20	O	56619	SPR	0.67	0.58	0.58	-0.51			3.8
Y	24	L	79124	SR	0.53	0.64	-0.35	-0.27	-0.21	0.64	2.7
Y	25	L	79114	SR	0.74	0.36	-0.13	-0.24	0.36	-0.15	2.6
Y	26	L	79091	SR	0.82	0.42	0.42	-0.21	-0.35	-0.11	0.2
Y	27	O	56756	SR	0.60	0.47	0.47	-0.13	-0.28	-0.22	0.9
Y	28	L	56550	SR	0.72	0.46	-0.23	0.46	-0.19	-0.29	0.3
Y	30	L	56735	SR	0.52	0.49	-0.11	0.49	-0.21	-0.35	0.2
Y	34	O	67549	SPR	0.82	0.39	0.39	-0.34			2.4
Y	35	L	56443	SR	0.59	0.40	-0.16	-0.21	-0.22	0.40	0.4
Y	36	L	56675	SR	0.76	0.56	0.56	-0.37	-0.27	-0.21	0.4
Y	38	O	51372	SR	0.71	0.49	-0.18	0.49	-0.24	-0.27	1.1
Y	41	O	43155	SR	0.70	0.32	-0.06	0.32	-0.16	-0.25	0.8
Y	42	O	51571	CR	0.67	0.60					2.9
Y	43	L	67481	SPR	0.74	0.48	0.48	-0.43			2.5
Y	44	L	67440	SPR	0.55	0.63	0.63	-0.52			6.6
Y	46	O	43162	CR	0.12	0.74					27.9
Y	47	L	67455	SR	0.52	0.29	-0.09	-0.20	0.29	-0.08	0.9
Y	48	L	43153	SR	0.57	0.46	-0.21	-0.26	0.46	-0.16	0.6
Y	49	O	67483	SR	0.25	0.12	0.12	-0.04	-0.08	0.05	1.7
Y	50	L	56696	CR	0.33	0.67					14.3
Y	51	O	56800	SR	0.29	0.38	0.38	-0.10	-0.18	-0.10	1.8
Y	52	O	64690	SR	0.65	0.40	-0.26	-0.19	0.40	-0.13	1.8
Y	53	L	56743	SR	0.70	0.47	-0.27	-0.20	0.47	-0.19	2.4
Mean					0.60	0.48	0.07	-0.11	-0.08	-0.03	2.9
SD					0.18	0.15	0.35	0.31	0.27	0.29	5.3

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A16. Summary Item Statistics - Operational Items
Biology - May Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
D-N	1	L	56959	SR	0.83	0.28	-0.12	-0.18	-0.17	0.28	0.0
D-N	2	L	52733	SR	0.56	0.38	0.38	-0.22	-0.20	-0.17	0.2
D-N	5	L	53643	SR	0.42	0.39	-0.16	-0.13	-0.24	0.39	0.1
D-N	6	L	53644	SR	0.84	0.39	-0.32	0.39	-0.21	-0.12	0.1
D-N	7	L	53645	SR	0.56	0.41	-0.18	-0.20	0.41	-0.21	0.1
D-N	11	O	108519	SR	0.81	0.34	-0.16	0.34	-0.20	-0.19	0.1
D-N	12	O	68220	SR	0.69	0.50	0.50	-0.30	-0.21	-0.27	0.1
D-N	13	L	94196	CR	0.27	0.71					5.9
D-N	14	O	57028	SR	0.71	0.37	-0.20	0.37	-0.18	-0.19	0.1
D-N	15	L	55056	SR	0.58	0.37	0.37	-0.27	-0.11	-0.17	0.3
D-N	16	O	55230	SR	0.70	0.11	0.11	0.00	-0.21	-0.14	0.1
D-N	17	O	55229	SR	0.86	0.34	-0.17	-0.23	0.34	-0.16	0.1
D-N	19	O	68163	SR	0.74	0.41	-0.18	-0.21	-0.25	0.41	0.2
D-N	20	L	68214	CR	0.34	0.72					4.1
D-N	21	L	57014	SR	0.64	0.47	-0.28	0.47	-0.15	-0.25	0.1
D-N	27	O	79510	SR	0.75	0.25	-0.22	0.01	0.25	-0.22	0.2
D-N	28	L	68279	CR	0.42	0.76					4.0
D-N	29	O	52754	SR	0.90	0.29	-0.17	0.29	-0.19	-0.13	0.2
D-N	30	O	55119	SR	0.67	0.43	-0.18	0.43	-0.19	-0.31	0.3
D-N	31	O	52749	SR	0.83	0.41	0.41	-0.17	-0.28	-0.23	0.3
D-N	36	L	52628	CR	0.23	0.78					9.4
D-N	37	L	57046	SR	0.42	0.26	0.26	-0.05	-0.15	-0.10	0.7
D-N	38	L	57047	SR	0.70	0.53	-0.31	-0.25	0.53	-0.22	0.7
D-N	39	L	55083	SR	0.84	0.43	-0.23	-0.26	0.43	-0.19	0.8
D-N	40	L	55086	SR	0.31	0.33	-0.16	0.33	-0.23	-0.03	0.9
D-N	41	O	68295	SR	0.59	0.47	-0.19	-0.27	-0.22	0.47	0.9
D-N	42	L	57167	SR	0.62	0.49	0.49	-0.24	-0.28	-0.20	0.9
D-N	43	L	57168	SR	0.63	0.54	-0.23	0.54	-0.32	-0.25	1.0
D-N	44	O	68292	SR	0.59	0.44	-0.29	-0.22	-0.13	0.44	0.1
D-N	45	L	68296	SR	0.45	0.33	-0.17	-0.24	0.33	-0.04	0.2
D-N	46	L	68297	SR	0.83	0.48	-0.20	-0.34	-0.23	0.48	0.1
D-N	47	L	68298	SR	0.78	0.50	0.50	-0.36	-0.27	-0.13	0.1
D-N	52	L	52766	CR	0.27	0.71					4.5
D-N	53	L	68140	SR	0.82	0.47	0.47	-0.33	-0.22	-0.18	0.2
D-N	54	L	68143	SR	0.52	0.48	-0.16	0.48	-0.31	-0.17	0.2
D-N	55	L	68144	SR	0.85	0.36	0.36	-0.24	-0.19	-0.12	0.2
D-N	59	L	52462	CR	0.46	0.81					3.6
D-N	60	O	57070	SR	0.57	0.49	-0.27	-0.27	-0.19	0.49	0.2
D-N	61	O	79496	SR	0.84	0.34	-0.16	0.34	-0.23	-0.14	0.2
D-N	62	O	55213	SR	0.44	0.45	-0.21	0.45	-0.19	-0.28	0.3
D-N	63	L	55099	SR	0.87	0.40	-0.24	0.40	-0.20	-0.20	0.2
D-N	64	L	64730	SR	0.35	0.34	-0.18	0.34	-0.14	-0.08	0.4
D-N	65	L	64731	SR	0.47	0.44	0.44	-0.20	-0.21	-0.15	0.3

Table A16. Summary Item Statistics - Operational Items

Biology - May Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
D-N	66	O	67622	SR	0.85	0.34	-0.19	-0.21	-0.17	0.34	0.2
D-N	67	L	79414	SR	0.75	0.46	-0.17	-0.26	-0.30	0.46	0.2
D-N	71	O	65126	SR	0.73	0.47	0.47	-0.22	-0.22	-0.27	0.3
D-N	72	O	65141	SR	0.56	0.41	-0.24	-0.25	0.41	-0.07	0.3
D-N	73	O	68147	SR	0.57	0.52	-0.21	-0.22	-0.32	0.52	0.3
D-N	77	O	52720	SR	0.58	0.55	-0.25	-0.25	0.55	-0.29	0.4
D-N	78	O	52775	SR	0.73	0.52	-0.22	-0.34	-0.22	0.52	0.4
D-N	79	O	52776	SR	0.74	0.50	-0.26	-0.26	-0.26	0.50	0.4
D-N	80	L	65103	CR	0.30	0.77					7.5
D-N	83	L	53459	SR	0.50	0.44	-0.19	-0.15	-0.24	0.44	1.0
D-N	84	L	65117	SR	0.75	0.50	-0.24	0.50	-0.26	-0.26	1.2
D-N	85	L	64706	SR	0.67	0.39	-0.20	-0.15	0.39	-0.25	1.0
Mean					0.62	0.46	-0.06	-0.04	-0.10	-0.01	1.0
SD					0.18	0.14	0.27	0.30	0.25	0.29	1.9

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A17. Summary Item Statistics - Operational Items
Biology - May Make-Up 1

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
X	1	L	56959	SR	0.83	0.28	-0.12	-0.18	-0.17	0.28	0.0
X	2	L	52733	SR	0.56	0.38	0.38	-0.22	-0.20	-0.17	0.2
X	5	L	53643	SR	0.42	0.39	-0.16	-0.13	-0.24	0.39	0.1
X	6	L	53644	SR	0.84	0.39	-0.32	0.39	-0.21	-0.12	0.1
X	7	L	53645	SR	0.56	0.41	-0.18	-0.20	0.41	-0.21	0.1
X	11	O	108519	SR	0.81	0.34	-0.16	0.34	-0.20	-0.19	0.1
X	12	O	68220	SR	0.69	0.50	0.50	-0.30	-0.21	-0.27	0.1
X	13	L	94196	CR	0.27	0.71					5.9
X	14	O	55170	SR	0.70	0.40	-0.24	-0.23	0.40	-0.14	0.4
X	15	L	55056	SR	0.58	0.37	0.37	-0.27	-0.11	-0.17	0.3
X	16	O	55230	SR	0.70	0.11	0.11	0.00	-0.21	-0.14	0.1
X	17	O	55229	SR	0.86	0.34	-0.17	-0.23	0.34	-0.16	0.1
X	19	O	79408	SR	0.71	0.41	-0.21	-0.23	0.41	-0.18	0.3
X	20	L	68214	CR	0.34	0.72					4.1
X	21	L	57014	SR	0.64	0.47	-0.28	0.47	-0.15	-0.25	0.1
X	27	O	79521	SR	0.67	0.36	-0.23	0.36	-0.21	-0.10	0.6
X	28	L	68279	CR	0.42	0.76					4.0
X	29	O	52623	SR	0.56	0.49	0.49	-0.32	-0.24	-0.08	0.5
X	30	O	55119	SR	0.67	0.43	-0.18	0.43	-0.19	-0.31	0.3
X	31	O	52749	SR	0.83	0.41	0.41	-0.17	-0.28	-0.23	0.3
X	36	L	52628	CR	0.23	0.78					9.4
X	37	L	57046	SR	0.42	0.26	0.26	-0.05	-0.15	-0.10	0.7
X	38	L	57047	SR	0.70	0.53	-0.31	-0.25	0.53	-0.22	0.7
X	39	L	55083	SR	0.84	0.43	-0.23	-0.26	0.43	-0.19	0.8
X	40	L	55086	SR	0.31	0.33	-0.16	0.33	-0.23	-0.03	0.9
X	41	O	52513	SR	0.36	0.38	-0.17	-0.08	-0.21	0.38	1.5
X	42	L	57167	SR	0.62	0.49	0.49	-0.24	-0.28	-0.20	0.9
X	43	L	57168	SR	0.63	0.54	-0.23	0.54	-0.32	-0.25	1.0
X	44	O	68189	SR	0.43	0.42	0.42	-0.25	-0.08	-0.19	0.7
X	45	L	68296	SR	0.45	0.33	-0.17	-0.24	0.33	-0.04	0.2
X	46	L	68297	SR	0.83	0.48	-0.20	-0.34	-0.23	0.48	0.1
X	47	L	68298	SR	0.78	0.50	0.50	-0.36	-0.27	-0.13	0.1
X	52	L	52766	CR	0.27	0.71					4.5
X	53	L	68140	SR	0.82	0.47	0.47	-0.33	-0.22	-0.18	0.2
X	54	L	68143	SR	0.52	0.48	-0.16	0.48	-0.31	-0.17	0.2
X	55	L	68144	SR	0.85	0.36	0.36	-0.24	-0.19	-0.12	0.2
X	59	L	52462	CR	0.46	0.81					3.6
X	60	O	52445	SR	0.33	0.52	0.52	-0.22	-0.20	-0.12	0.9
X	61	O	108579	SR	0.86	0.43	-0.23	-0.25	0.43	-0.16	1.0
X	62	O	55213	SR	0.44	0.45	-0.21	0.45	-0.19	-0.28	0.3
X	63	L	55099	SR	0.87	0.40	-0.24	0.40	-0.20	-0.20	0.2
X	64	L	64730	SR	0.35	0.34	-0.18	0.34	-0.14	-0.08	0.4
X	65	L	64731	SR	0.47	0.44	0.44	-0.20	-0.21	-0.15	0.3

Table A17. Summary Item Statistics - Operational Items

Biology - May Make-Up 1

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
X	66	O	67622	SR	0.85	0.34	-0.19	-0.21	-0.17	0.34	0.2
X	67	L	79414	SR	0.75	0.46	-0.17	-0.26	-0.30	0.46	0.2
X	71	O	53510	SR	0.63	0.36	-0.17	0.36	-0.17	-0.16	1.3
X	72	O	64716	SR	0.74	0.32	-0.17	0.32	-0.21	-0.10	1.1
X	73	O	79468	SR	0.51	0.49	-0.18	-0.19	-0.25	0.49	1.2
X	77	O	52720	SR	0.58	0.55	-0.25	-0.25	0.55	-0.29	0.4
X	78	O	52775	SR	0.73	0.52	-0.22	-0.34	-0.22	0.52	0.4
X	79	O	52776	SR	0.74	0.50	-0.26	-0.26	-0.26	0.50	0.4
X	80	L	65103	CR	0.30	0.77					7.5
X	83	L	53459	SR	0.50	0.44	-0.19	-0.15	-0.24	0.44	1.0
X	84	L	65117	SR	0.75	0.50	-0.24	0.50	-0.26	-0.26	1.2
X	85	L	64706	SR	0.67	0.39	-0.20	-0.15	0.39	-0.25	1.0
Mean					0.60	0.46	-0.03	-0.04	-0.08	-0.05	1.1
SD					0.19	0.14	0.29	0.30	0.27	0.26	1.9

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A18. Summary Item Statistics - Operational Items
Biology - May Make-Up 2

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
Y	1	L	56959	SR	0.83	0.28	-0.12	-0.18	-0.17	0.28	0.0
Y	2	L	52733	SR	0.56	0.38	0.38	-0.22	-0.20	-0.17	0.2
Y	5	L	53643	SR	0.42	0.39	-0.16	-0.13	-0.24	0.39	0.1
Y	6	L	53644	SR	0.84	0.39	-0.32	0.39	-0.21	-0.12	0.1
Y	7	L	53645	SR	0.56	0.41	-0.18	-0.20	0.41	-0.21	0.1
Y	11	O	65149	SR	0.44	0.35	-0.15	-0.19	0.35	-0.12	0.7
Y	12	O	52466	SR	0.70	0.50	-0.24	-0.26	-0.26	0.50	0.7
Y	13	L	94196	CR	0.27	0.71					5.9
Y	14	O	57028	SR	0.71	0.37	-0.20	0.37	-0.18	-0.19	0.1
Y	15	L	55056	SR	0.58	0.37	0.37	-0.27	-0.11	-0.17	0.3
Y	16	O	55192	SR	0.52	0.32	-0.23	-0.12	-0.10	0.32	0.7
Y	17	O	52551	SR	0.37	0.22	0.22	-0.18	0.07	-0.15	0.7
Y	19	O	68163	SR	0.74	0.41	-0.18	-0.21	-0.25	0.41	0.2
Y	20	L	68214	CR	0.34	0.72					4.1
Y	21	L	57014	SR	0.64	0.47	-0.28	0.47	-0.15	-0.25	0.1
Y	27	O	79510	SR	0.75	0.25	-0.22	0.01	0.25	-0.22	0.2
Y	28	L	68279	CR	0.42	0.76					4.0
Y	29	O	52754	SR	0.90	0.29	-0.17	0.29	-0.19	-0.13	0.2
Y	30	O	55200	SR	0.32	0.40	-0.20	-0.16	-0.08	0.40	1.2
Y	31	O	55124	SR	0.62	0.37	-0.13	0.37	-0.17	-0.20	1.5
Y	36	L	52628	CR	0.23	0.78					9.4
Y	37	L	57046	SR	0.42	0.26	0.26	-0.05	-0.15	-0.10	0.7
Y	38	L	57047	SR	0.70	0.53	-0.31	-0.25	0.53	-0.22	0.7
Y	39	L	55083	SR	0.84	0.43	-0.23	-0.26	0.43	-0.19	0.8
Y	40	L	55086	SR	0.31	0.33	-0.16	0.33	-0.23	-0.03	0.9
Y	41	O	68295	SR	0.59	0.47	-0.19	-0.27	-0.22	0.47	0.9
Y	42	L	57167	SR	0.62	0.49	0.49	-0.24	-0.28	-0.20	0.9
Y	43	L	57168	SR	0.63	0.54	-0.23	0.54	-0.32	-0.25	1.0
Y	44	O	68292	SR	0.59	0.44	-0.29	-0.22	-0.13	0.44	0.1
Y	45	L	68296	SR	0.45	0.33	-0.17	-0.24	0.33	-0.04	0.2
Y	46	L	68297	SR	0.83	0.48	-0.20	-0.34	-0.23	0.48	0.1
Y	47	L	68298	SR	0.78	0.50	0.50	-0.36	-0.27	-0.13	0.1
Y	52	L	52766	CR	0.27	0.71					4.5
Y	53	L	68140	SR	0.82	0.47	0.47	-0.33	-0.22	-0.18	0.2
Y	54	L	68143	SR	0.52	0.48	-0.16	0.48	-0.31	-0.17	0.2
Y	55	L	68144	SR	0.85	0.36	0.36	-0.24	-0.19	-0.12	0.2
Y	59	L	52462	CR	0.46	0.81					3.6
Y	60	O	57070	SR	0.57	0.49	-0.27	-0.27	-0.19	0.49	0.2
Y	61	O	79496	SR	0.84	0.34	-0.16	0.34	-0.23	-0.14	0.2
Y	63	L	55099	SR	0.87	0.40	-0.24	0.40	-0.20	-0.20	0.2
Y	64	L	64730	SR	0.35	0.34	-0.18	0.34	-0.14	-0.08	0.4
Y	65	L	64731	SR	0.47	0.44	0.44	-0.20	-0.21	-0.15	0.3
Y	67	L	79414	SR	0.75	0.46	-0.17	-0.26	-0.30	0.46	0.2

Table A18. Summary Item Statistics - Operational Items
Biology - May Make-Up 2

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Y	71	O	65126	SR	0.73	0.47	0.47	-0.22	-0.22	-0.27	0.3
Y	72	O	65141	SR	0.56	0.41	-0.24	-0.25	0.41	-0.07	0.3
Y	73	O	68147	SR	0.57	0.52	-0.21	-0.22	-0.32	0.52	0.3
Y	74	O	57159	SR	0.65	0.50	-0.30	0.50	-0.18	-0.18	1.2
Y	75	O	57158	SR	0.56	0.47	0.47	-0.27	-0.15	-0.16	1.5
Y	77	O	52774	SR	0.67	0.44	-0.26	-0.16	0.44	-0.18	1.2
Y	78	O	52718	SR	0.44	0.36	-0.12	0.36	-0.18	-0.16	1.5
Y	79	O	52719	SR	0.76	0.48	0.48	-0.19	-0.23	-0.25	1.2
Y	80	L	65103	CR	0.30	0.77					7.5
Y	83	L	53459	SR	0.50	0.44	-0.19	-0.15	-0.24	0.44	1.0
Y	84	L	65117	SR	0.75	0.50	-0.24	0.50	-0.26	-0.26	1.2
Y	85	L	64706	SR	0.67	0.39	-0.20	-0.15	0.39	-0.25	1.0
Mean					0.59	0.45	-0.05	-0.03	-0.09	-0.01	1.2
SD					0.18	0.14	0.28	0.29	0.25	0.28	1.9

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A19. Summary Item Statistics - Operational Items
English - May Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
D-N	1	O	130229	CR	0.65	0.66					0.9
D-N	2	O	130295	SR	0.86	0.31	-0.16	-0.18	-0.18	0.31	0.0
D-N	3	O	130299	SR	0.45	0.33	-0.01	-0.31	-0.17	0.33	0.1
D-N	4	O	130300	SR	0.93	0.32	-0.16	0.32	-0.20	-0.19	0.0
D-N	5	O	130254	SR	0.66	0.45	-0.31	-0.16	0.45	-0.23	0.1
D-N	7	O	130301	SR	0.58	0.45	-0.20	0.45	-0.20	-0.26	0.1
D-N	17	L	108806	SR	0.76	0.42	-0.21	-0.20	-0.27	0.42	0.6
D-N	18	L	108808	SR	0.55	0.19	-0.10	0.19	-0.07	-0.12	0.5
D-N	19	L	108779	SR	0.82	0.43	-0.25	-0.23	0.43	-0.21	0.6
D-N	20	L	130246	SR	0.57	0.45	-0.19	-0.31	-0.11	0.45	0.5
D-N	21	L	108810	SR	0.72	0.40	-0.23	-0.22	0.40	-0.19	0.7
D-N	22	L	108807	CR	0.50	0.69					4.8
D-N	26	O	135483	CR	0.61	0.65					1.7
D-N	32	L	130951	SR	0.58	0.37	-0.10	-0.31	-0.14	0.37	0.2
D-N	33	L	130952	SR	0.65	0.37	0.37	-0.17	-0.23	-0.18	0.2
D-N	34	L	130953	SR	0.85	0.41	-0.23	-0.20	-0.22	0.41	0.2
D-N	35	L	130954	SR	0.81	0.41	0.41	-0.20	-0.22	-0.24	0.2
D-N	36	O	130970	SR	0.58	0.37	-0.13	-0.22	-0.22	0.37	0.2
D-N	37	O	130109	SR	0.66	0.44	0.44	-0.18	-0.25	-0.20	0.2
D-N	38	O	130110	SR	0.66	0.53	0.53	-0.29	-0.32	-0.17	0.2
D-N	39	O	130111	SR	0.55	0.35	-0.19	-0.11	-0.27	0.35	0.3
D-N	40	O	108820	SR	0.77	0.41	-0.18	0.41	-0.26	-0.21	0.5
D-N	41	O	109744	SR	0.72	0.44	-0.21	-0.28	-0.16	0.44	0.5
D-N	42	O	108827	SR	0.81	0.40	-0.24	0.40	-0.23	-0.16	0.4
D-N	43	O	108824	SR	0.75	0.46	-0.25	-0.22	-0.26	0.46	0.6
D-N	44	O	130230	SR	0.46	0.35	-0.17	0.35	-0.09	-0.25	0.4
D-N	45	O	130231	SR	0.81	0.43	-0.25	-0.24	-0.20	0.43	0.5
D-N	46	O	130233	SR	0.34	0.31	-0.19	-0.23	-0.09	0.31	0.5
D-N	47	O	130232	SR	0.67	0.39	0.39	-0.26	-0.25	-0.08	0.7
D-N	48	O	130234	SR	0.82	0.51	0.51	-0.27	-0.28	-0.24	0.7
D-N	51	L	130255	SR	0.84	0.46	-0.23	-0.27	0.46	-0.23	0.9
D-N	52	L	96328	SR	0.79	0.50	0.50	-0.25	-0.29	-0.23	1.0
D-N	56	L	130172	SR	0.79	0.51	-0.29	-0.26	0.51	-0.24	0.4
D-N	57	L	130173	SR	0.84	0.41	0.41	-0.24	-0.24	-0.16	0.2
D-N	58	L	130174	SR	0.76	0.54	-0.21	0.54	-0.33	-0.27	0.3
D-N	59	L	130280	SR	0.71	0.46	0.46	-0.26	-0.31	-0.16	0.3
D-N	60	L	130175	SR	0.83	0.48	-0.18	0.48	-0.25	-0.31	0.3
D-N	61	L	130176	SR	0.86	0.46	0.46	-0.25	-0.29	-0.18	0.3
D-N	62	L	130177	SR	0.79	0.43	-0.21	-0.24	0.43	-0.22	0.4
D-N	63	L	130178	SR	0.75	0.43	0.43	-0.30	-0.19	-0.18	0.4
D-N	64	L	130179	CR	0.46	0.72					5.2
D-N	71	O	96160	SR	0.70	0.36	-0.15	-0.22	0.36	-0.15	0.5
D-N	72	O	96161	SR	0.89	0.34	-0.20	-0.22	0.34	-0.16	0.5

Table A19. Summary Item Statistics - Operational Items
English - May Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
D-N	73	L	108796	SR	0.54	0.49	-0.24	-0.26	0.49	-0.15	0.7
D-N	74	L	108797	SR	0.30	0.22	0.22	-0.13	-0.17	0.06	0.8
D-N	75	L	108799	SR	0.52	0.39	0.39	-0.16	-0.11	-0.24	0.8
D-N	76	L	108798	SR	0.66	0.46	0.46	-0.27	-0.27	-0.13	0.9
D-N	77	L	108800	SR	0.84	0.50	-0.23	-0.31	0.50	-0.22	1.0
D-N	78	L	108801	SR	0.72	0.50	0.50	-0.27	-0.27	-0.21	1.0
D-N	80	L	108803	SR	0.45	0.38	-0.14	-0.23	-0.13	0.38	1.2
Mean					0.68	0.43	0.01	-0.13	-0.07	-0.03	0.7
SD					0.15	0.10	0.30	0.25	0.28	0.27	1.0

Note: Tabled item position number is based on Form D and varies somewhat on Forms E-N.
Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A20. Summary Item Statistics - Operational Items
English - May Make-Up 1

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
X	1	O	130229	CR	0.65	0.66					0.9
X	2	O	130295	SR	0.86	0.31	-0.16	-0.18	-0.18	0.31	0.0
X	3	O	130299	SR	0.45	0.33	-0.01	-0.31	-0.17	0.33	0.1
X	4	O	130300	SR	0.93	0.32	-0.16	0.32	-0.20	-0.19	0.0
X	5	O	130254	SR	0.66	0.45	-0.31	-0.16	0.45	-0.23	0.1
X	7	O	130301	SR	0.58	0.45	-0.20	0.45	-0.20	-0.26	0.1
X	17	L	108806	SR	0.76	0.42	-0.21	-0.20	-0.27	0.42	0.6
X	18	L	108808	SR	0.55	0.19	-0.10	0.19	-0.07	-0.12	0.5
X	19	L	108779	SR	0.82	0.43	-0.25	-0.23	0.43	-0.21	0.6
X	20	L	130246	SR	0.57	0.45	-0.19	-0.31	-0.11	0.45	0.5
X	21	L	108810	SR	0.72	0.40	-0.23	-0.22	0.40	-0.19	0.7
X	22	L	108807	CR	0.50	0.69					4.8
X	26	O	96254	CR	0.47	0.64					4.8
X	32	L	130951	SR	0.58	0.37	-0.10	-0.31	-0.14	0.37	0.2
X	33	L	130952	SR	0.65	0.37	0.37	-0.17	-0.23	-0.18	0.2
X	34	L	130953	SR	0.85	0.41	-0.23	-0.20	-0.22	0.41	0.2
X	35	L	130954	SR	0.81	0.41	0.41	-0.20	-0.22	-0.24	0.2
X	36	O	130308	SR	0.56	0.42	-0.23	0.42	-0.23	-0.12	0.8
X	37	O	130271	SR	0.43	0.35	-0.15	-0.15	0.35	-0.13	0.9
X	38	O	130302	SR	0.72	0.48	-0.26	-0.24	0.48	-0.21	0.8
X	39	O	130165	SR	0.66	0.45	-0.20	-0.29	0.45	-0.11	1.0
X	40	O	130166	SR	0.60	0.44	0.44	-0.18	-0.29	-0.13	1.0
X	41	O	130167	SR	0.67	0.50	-0.15	-0.28	-0.29	0.50	1.0
X	42	O	130274	SR	0.69	0.48	-0.26	0.48	-0.30	-0.13	1.0
X	43	O	130168	SR	0.73	0.52	-0.27	-0.28	0.52	-0.18	1.1
X	44	O	130230	SR	0.46	0.35	-0.17	0.35	-0.09	-0.25	0.4
X	45	O	130231	SR	0.81	0.43	-0.25	-0.24	-0.20	0.43	0.5
X	46	O	130233	SR	0.34	0.31	-0.19	-0.23	-0.09	0.31	0.5
X	47	O	130232	SR	0.67	0.39	0.39	-0.26	-0.25	-0.08	0.7
X	48	O	130234	SR	0.82	0.51	0.51	-0.27	-0.28	-0.24	0.7
X	51	L	130255	SR	0.84	0.46	-0.23	-0.27	0.46	-0.23	0.9
X	52	L	96328	SR	0.79	0.50	0.50	-0.25	-0.29	-0.23	1.0
X	56	L	130172	SR	0.79	0.51	-0.29	-0.26	0.51	-0.24	0.4
X	57	L	130173	SR	0.84	0.41	0.41	-0.24	-0.24	-0.16	0.2
X	58	L	130174	SR	0.76	0.54	-0.21	0.54	-0.33	-0.27	0.3
X	59	L	130280	SR	0.71	0.46	0.46	-0.26	-0.31	-0.16	0.3
X	60	L	130175	SR	0.83	0.48	-0.18	0.48	-0.25	-0.31	0.3
X	61	L	130176	SR	0.86	0.46	0.46	-0.25	-0.29	-0.18	0.3
X	62	L	130177	SR	0.79	0.43	-0.21	-0.24	0.43	-0.22	0.4
X	63	L	130178	SR	0.75	0.43	0.43	-0.30	-0.19	-0.18	0.4
X	64	L	130179	CR	0.46	0.72					5.2
X	71	O	109108	SR	0.48	0.37	-0.07	-0.23	0.37	-0.14	1.3
X	72	O	109109	SR	0.61	0.44	0.44	-0.15	-0.24	-0.20	1.4

Table A20. Summary Item Statistics - Operational Items

English - May Make-Up 1

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
X	73	L	108796	SR	0.54	0.49	-0.24	-0.26	0.49	-0.15	0.7
X	74	L	108797	SR	0.30	0.22	0.22	-0.13	-0.17	0.06	0.8
X	75	L	108799	SR	0.52	0.39	0.39	-0.16	-0.11	-0.24	0.8
X	76	L	108798	SR	0.66	0.46	0.46	-0.27	-0.27	-0.13	0.9
X	77	L	108800	SR	0.84	0.50	-0.23	-0.31	0.50	-0.22	1.0
X	78	L	108801	SR	0.72	0.50	0.50	-0.27	-0.27	-0.21	1.0
X	80	L	108803	SR	0.45	0.38	-0.14	-0.23	-0.13	0.38	1.2
Mean					0.66	0.44	0.01	-0.13	-0.03	-0.06	0.9
SD					0.15	0.10	0.30	0.25	0.31	0.25	1.1

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A21. Summary Item Statistics - Operational Items
English - May Make-Up 2

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
Y	1	O	130029	CR	0.44	0.56					5.2
Y	2	O	130269	SR	0.61	0.33	-0.22	-0.13	0.33	-0.16	0.2
Y	3	O	130272	SR	0.25	0.15	0.00	-0.02	-0.10	0.15	0.2
Y	4	O	130273	SR	0.64	0.37	-0.23	-0.19	0.37	-0.10	0.2
Y	5	O	130279	SR	0.51	0.37	-0.21	-0.19	0.37	-0.09	0.6
Y	6	O	130169	SR	0.72	0.34	-0.18	0.34	-0.17	-0.17	0.0
Y	18	L	108806	SR	0.76	0.42	-0.21	-0.20	-0.27	0.42	0.6
Y	19	L	108808	SR	0.55	0.19	-0.10	0.19	-0.07	-0.12	0.5
Y	20	L	108779	SR	0.82	0.43	-0.25	-0.23	0.43	-0.21	0.6
Y	21	L	130246	SR	0.57	0.45	-0.19	-0.31	-0.11	0.45	0.5
Y	22	L	108810	SR	0.72	0.40	-0.23	-0.22	0.40	-0.19	0.7
Y	23	L	108807	CR	0.50	0.69					4.8
Y	27	O	135483	CR	0.61	0.65					1.7
Y	34	L	130951	SR	0.58	0.37	-0.10	-0.31	-0.14	0.37	0.2
Y	35	L	130952	SR	0.65	0.37	0.37	-0.17	-0.23	-0.18	0.2
Y	36	L	130953	SR	0.85	0.41	-0.23	-0.20	-0.22	0.41	0.2
Y	37	L	130954	SR	0.81	0.41	0.41	-0.20	-0.22	-0.24	0.2
Y	38	O	130970	SR	0.58	0.37	-0.13	-0.22	-0.22	0.37	0.2
Y	39	O	130109	SR	0.66	0.44	0.44	-0.18	-0.25	-0.20	0.2
Y	40	O	130110	SR	0.66	0.53	0.53	-0.29	-0.32	-0.17	0.2
Y	41	O	130111	SR	0.55	0.35	-0.19	-0.11	-0.27	0.35	0.3
Y	42	O	108820	SR	0.77	0.41	-0.18	0.41	-0.26	-0.21	0.5
Y	43	O	109744	SR	0.72	0.44	-0.21	-0.28	-0.16	0.44	0.5
Y	44	O	108827	SR	0.81	0.40	-0.24	0.40	-0.23	-0.16	0.4
Y	45	O	108824	SR	0.75	0.46	-0.25	-0.22	-0.26	0.46	0.6
Y	46	O	130066	SR	0.58	0.37	-0.15	0.37	-0.19	-0.14	1.0
Y	47	O	130067	SR	0.34	0.32	-0.02	-0.24	0.32	-0.09	1.0
Y	48	O	130069	SR	0.32	0.38	-0.07	-0.17	-0.15	0.38	1.2
Y	50	O	130074	SR	0.47	0.37	-0.17	0.37	-0.34	0.04	1.4
Y	51	O	130199	SR	0.58	0.43	0.43	-0.19	-0.28	-0.07	1.6
Y	53	L	130255	SR	0.84	0.46	-0.23	-0.27	0.46	-0.23	0.9
Y	54	L	96328	SR	0.79	0.50	0.50	-0.25	-0.29	-0.23	1.0
Y	58	L	130172	SR	0.79	0.51	-0.29	-0.26	0.51	-0.24	0.4
Y	59	L	130173	SR	0.84	0.41	0.41	-0.24	-0.24	-0.16	0.2
Y	60	L	130174	SR	0.76	0.54	-0.21	0.54	-0.33	-0.27	0.3
Y	61	L	130280	SR	0.71	0.46	0.46	-0.26	-0.31	-0.16	0.3
Y	62	L	130175	SR	0.83	0.48	-0.18	0.48	-0.25	-0.31	0.3
Y	63	L	130176	SR	0.86	0.46	0.46	-0.25	-0.29	-0.18	0.3
Y	64	L	130177	SR	0.79	0.43	-0.21	-0.24	0.43	-0.22	0.4
Y	65	L	130178	SR	0.75	0.43	0.43	-0.30	-0.19	-0.18	0.4
Y	66	L	130179	CR	0.46	0.72					5.2
Y	72	O	96160	SR	0.70	0.36	-0.15	-0.22	0.36	-0.15	0.5
Y	73	O	96161	SR	0.89	0.34	-0.20	-0.22	0.34	-0.16	0.5

Table A21. Summary Item Statistics - Operational Items

English - May Make-Up 2

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Y	74	L	108796	SR	0.54	0.49	-0.24	-0.26	0.49	-0.15	0.7
Y	75	L	108797	SR	0.30	0.22	0.22	-0.13	-0.17	0.06	0.8
Y	76	L	108799	SR	0.52	0.39	0.39	-0.16	-0.11	-0.24	0.8
Y	77	L	108798	SR	0.66	0.46	0.46	-0.27	-0.27	-0.13	0.9
Y	78	L	108800	SR	0.84	0.50	-0.23	-0.31	0.50	-0.22	1.0
Y	79	L	108801	SR	0.72	0.50	0.50	-0.27	-0.27	-0.21	1.0
Y	81	L	108803	SR	0.45	0.38	-0.14	-0.23	-0.13	0.38	1.2
Mean					0.65	0.42	0.00	-0.12	-0.04	-0.04	0.9
SD					0.16	0.10	0.29	0.24	0.29	0.25	1.1

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A22. Summary Item Statistics - Operational Items
Government - May Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
D-N	1	L	68603	SR	0.94	0.23	-0.11	-0.16	0.23	-0.13	0.0
D-N	2	L	68673	SR	0.82	0.47	-0.26	-0.26	-0.25	0.47	0.1
D-N	3	L	55630	SR	0.74	0.48	0.48	-0.15	-0.12	-0.41	0.1
D-N	7	L	68095	SR	0.72	0.43	-0.20	-0.23	-0.24	0.43	0.3
D-N	8	L	55619	CR	0.48	0.61					1.4
D-N	9	L	51044	SR	0.74	0.43	0.43	-0.27	-0.24	-0.17	0.2
D-N	10	L	79663	SR	0.51	0.38	-0.05	0.38	-0.25	-0.33	0.2
D-N	11	L	51786	SR	0.59	0.44	-0.19	0.44	-0.28	-0.16	0.2
D-N	12	O	79747	SR	0.36	0.21	-0.09	0.21	-0.14	-0.01	0.3
D-N	15	L	60455	CR	0.46	0.71					2.4
D-N	16	L	51245	SR	0.60	0.50	-0.21	0.50	-0.31	-0.24	0.1
D-N	17	L	68741	SR	0.71	0.55	-0.31	0.55	-0.27	-0.25	0.3
D-N	20	L	68505	SR	0.85	0.50	-0.31	-0.27	-0.23	0.50	0.2
D-N	21	L	51134	SR	0.55	0.50	-0.32	-0.19	-0.18	0.50	0.3
D-N	22	L	68605	SR	0.87	0.50	-0.22	0.50	-0.32	-0.26	0.3
D-N	23	L	68685	CR	0.47	0.73					3.2
D-N	24	L	68745	SR	0.93	0.42	0.42	-0.26	-0.26	-0.16	0.2
D-N	25	L	51072	SR	0.68	0.33	-0.11	0.33	-0.27	-0.14	0.3
D-N	28	L	68559	SR	0.58	0.50	-0.22	0.50	-0.28	-0.20	0.4
D-N	29	L	68681	SR	0.76	0.41	0.41	-0.23	-0.19	-0.23	0.3
D-N	30	O	68556	SR	0.79	0.46	-0.23	-0.29	0.46	-0.22	0.3
D-N	31	L	108475	SR	0.75	0.47	-0.26	0.47	-0.27	-0.21	0.3
D-N	35	O	68629	CR	0.43	0.76					5.1
D-N	36	L	64959	SR	0.75	0.51	-0.23	-0.28	0.51	-0.25	1.2
D-N	37	O	68695	SR	0.67	0.46	-0.22	-0.25	0.46	-0.18	1.4
D-N	38	O	51139	SR	0.70	0.34	-0.15	-0.19	0.34	-0.18	1.3
D-N	42	L	58306	SR	0.74	0.30	-0.13	-0.23	-0.11	0.30	1.6
D-N	43	O	68511	SR	0.48	0.44	-0.23	-0.13	0.44	-0.17	1.8
D-N	44	L	58400	SR	0.90	0.33	-0.16	-0.18	-0.21	0.33	0.2
D-N	45	L	68643	SR	0.82	0.42	-0.26	-0.20	-0.23	0.42	0.3
D-N	46	L	55583	SR	0.72	0.37	0.37	-0.26	-0.17	-0.13	0.3
D-N	47	L	50874	SR	0.63	0.53	0.53	-0.34	-0.28	-0.13	0.4
D-N	50	L	52183	CR	0.40	0.76					6.2
D-N	51	L	58309	SR	0.68	0.55	-0.15	-0.26	-0.37	0.55	0.4
D-N	52	L	51172	SR	0.71	0.47	-0.27	-0.21	0.47	-0.22	0.5
D-N	53	O	58288	SR	0.62	0.49	-0.20	-0.21	0.49	-0.29	0.5
D-N	56	L	79640	SR	0.75	0.51	-0.28	-0.24	-0.28	0.51	0.4
D-N	57	L	50947	SR	0.71	0.51	0.51	-0.27	-0.31	-0.20	0.5
D-N	58	L	51723	SR	0.56	0.37	0.37	-0.19	-0.25	-0.06	0.6
D-N	59	L	68012	CR	0.31	0.81					9.1
D-N	60	O	68515	SR	0.80	0.45	-0.24	-0.27	0.45	-0.20	0.4
D-N	61	L	68709	SR	0.70	0.57	-0.28	-0.33	0.57	-0.24	0.4
D-N	62	O	55714	SR	0.84	0.48	-0.23	-0.31	0.48	-0.24	0.3

Table A22. Summary Item Statistics - Operational Items
Government - May Primary

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
D-N	66	O	50887	SR	0.61	0.37	0.37	-0.14	-0.24	-0.12	0.5
D-N	67	O	58273	SR	0.88	0.46	-0.21	-0.28	-0.25	0.46	0.4
D-N	68	O	65214	SR	0.50	0.50	-0.25	0.50	-0.23	-0.25	0.6
D-N	69	L	64946	CR	0.37	0.75					6.8
D-N	70	O	68070	SR	0.54	0.40	-0.04	0.40	-0.36	-0.11	0.7
D-N	71	O	51744	SR	0.83	0.46	0.46	-0.25	-0.28	-0.19	0.6
D-N	75	L	68013	SR	0.57	0.51	-0.21	-0.30	-0.18	0.51	1.0
D-N	76	O	55612	SR	0.48	0.40	-0.16	-0.17	0.40	-0.16	1.1
D-N	77	L	52238	CR	0.27	0.83					7.2
D-N	81	O	64794	SR	0.66	0.52	-0.27	-0.18	-0.32	0.52	1.0
D-N	82	O	52279	SR	0.51	0.45	-0.23	0.45	-0.29	-0.14	1.1
D-N	85	L	65207	SR	0.71	0.41	-0.21	0.41	-0.23	-0.17	1.3
D-N	86	L	65204	SR	0.59	0.38	-0.11	-0.21	-0.27	0.38	1.3
D-N	87	O	60556	SR	0.57	0.49	-0.24	-0.22	-0.22	0.49	1.4
D-N	88	O	52266	SR	0.68	0.48	-0.24	-0.19	0.48	-0.28	1.4
Mean					0.65	0.48	-0.08	-0.06	-0.07	-0.01	1.2
SD					0.16	0.13	0.27	0.30	0.31	0.30	1.9

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A23. Summary Item Statistics - Operational Items
Government - May Make-Up 1

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
X	1	L	68603	SR	0.94	0.23	-0.11	-0.16	0.23	-0.13	0.0
X	2	L	68673	SR	0.82	0.47	-0.26	-0.26	-0.25	0.47	0.1
X	3	L	55630	SR	0.74	0.48	0.48	-0.15	-0.12	-0.41	0.1
X	7	L	68095	SR	0.72	0.43	-0.20	-0.23	-0.24	0.43	0.3
X	8	L	55619	CR	0.48	0.61					1.4
X	9	L	51044	SR	0.74	0.43	0.43	-0.27	-0.24	-0.17	0.2
X	10	L	79663	SR	0.51	0.38	-0.05	0.38	-0.25	-0.33	0.2
X	11	L	51786	SR	0.59	0.44	-0.19	0.44	-0.28	-0.16	0.2
X	12	O	79747	SR	0.36	0.21	-0.09	0.21	-0.14	-0.01	0.3
X	15	L	60455	CR	0.46	0.71					2.4
X	16	L	51245	SR	0.60	0.50	-0.21	0.50	-0.31	-0.24	0.1
X	17	L	68741	SR	0.71	0.55	-0.31	0.55	-0.27	-0.25	0.3
X	20	L	68505	SR	0.85	0.50	-0.31	-0.27	-0.23	0.50	0.2
X	21	L	51134	SR	0.55	0.50	-0.32	-0.19	-0.18	0.50	0.3
X	22	L	68605	SR	0.87	0.50	-0.22	0.50	-0.32	-0.26	0.3
X	23	L	68685	CR	0.47	0.73					3.2
X	24	L	68745	SR	0.93	0.42	0.42	-0.26	-0.26	-0.16	0.2
X	25	L	51072	SR	0.68	0.33	-0.11	0.33	-0.27	-0.14	0.3
X	28	L	68559	SR	0.58	0.50	-0.22	0.50	-0.28	-0.20	0.4
X	29	L	68681	SR	0.76	0.41	0.41	-0.23	-0.19	-0.23	0.3
X	30	O	68556	SR	0.79	0.46	-0.23	-0.29	0.46	-0.22	0.3
X	31	L	108475	SR	0.75	0.47	-0.26	0.47	-0.27	-0.21	0.3
X	35	O	108361	CR	0.28	0.78					25.8
X	36	L	64959	SR	0.75	0.51	-0.23	-0.28	0.51	-0.25	1.2
X	37	O	68695	SR	0.67	0.46	-0.22	-0.25	0.46	-0.18	1.4
X	38	O	51139	SR	0.70	0.34	-0.15	-0.19	0.34	-0.18	1.3
X	42	L	58306	SR	0.74	0.30	-0.13	-0.23	-0.11	0.30	1.6
X	43	O	51152	SR	0.63	0.53	-0.24	-0.25	-0.26	0.53	2.2
X	44	L	58400	SR	0.90	0.33	-0.16	-0.18	-0.21	0.33	0.2
X	45	L	68643	SR	0.82	0.42	-0.26	-0.20	-0.23	0.42	0.3
X	46	L	55583	SR	0.72	0.37	0.37	-0.26	-0.17	-0.13	0.3
X	47	L	50874	SR	0.63	0.53	0.53	-0.34	-0.28	-0.13	0.4
X	50	L	52183	CR	0.40	0.76					6.2
X	51	L	58309	SR	0.68	0.55	-0.15	-0.26	-0.37	0.55	0.4
X	52	L	51172	SR	0.71	0.47	-0.27	-0.21	0.47	-0.22	0.5
X	53	O	51017	SR	0.53	0.45	0.45	-0.19	-0.21	-0.17	1.1
X	56	L	79640	SR	0.75	0.51	-0.28	-0.24	-0.28	0.51	0.4
X	57	L	50947	SR	0.71	0.51	0.51	-0.27	-0.31	-0.20	0.5
X	58	L	51723	SR	0.56	0.37	0.37	-0.19	-0.25	-0.06	0.6
X	59	L	68012	CR	0.31	0.81					9.1
X	60	O	55713	SR	0.65	0.52	-0.26	-0.18	-0.30	0.52	1.1
X	61	L	68709	SR	0.70	0.57	-0.28	-0.33	0.57	-0.24	0.4
X	62	O	64817	SR	0.25	0.22	0.22	-0.05	-0.09	-0.05	1.2

Table A23. Summary Item Statistics - Operational Items
Government - May Make-Up 1

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
X	66	O	50887	SR	0.61	0.37	0.37	-0.14	-0.24	-0.12	0.5
X	67	O	68072	SR	0.38	0.35	-0.06	-0.23	0.35	-0.11	1.2
X	68	O	64788	SR	0.67	0.41	0.41	-0.16	-0.23	-0.21	1.3
X	69	L	64946	CR	0.37	0.75					6.8
X	70	O	68729	SR	0.37	0.49	-0.19	-0.25	-0.15	0.49	1.8
X	71	O	51744	SR	0.83	0.46	0.46	-0.25	-0.28	-0.19	0.6
X	75	L	68013	SR	0.57	0.51	-0.21	-0.30	-0.18	0.51	1.0
X	76	O	52289	SR	0.59	0.53	0.53	-0.22	-0.26	-0.21	2.4
X	77	L	52238	CR	0.27	0.83					7.2
X	81	O	64794	SR	0.66	0.52	-0.27	-0.18	-0.32	0.52	1.0
X	82	O	52279	SR	0.51	0.45	-0.23	0.45	-0.29	-0.14	1.1
X	85	L	65207	SR	0.71	0.41	-0.21	0.41	-0.23	-0.17	1.3
X	86	L	65204	SR	0.59	0.38	-0.11	-0.21	-0.27	0.38	1.3
X	87	O	60556	SR	0.57	0.49	-0.24	-0.22	-0.22	0.49	1.4
X	88	O	51752	SR	0.39	0.45	-0.19	-0.14	-0.18	0.45	2.4
Mean					0.62	0.48	-0.03	-0.08	-0.13	0.04	1.7
SD					0.17	0.14	0.30	0.28	0.25	0.32	3.7

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A24. Summary Item Statistics - Operational Items
Government - May Make-Up 2

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
Y	1	L	68603	SR	0.94	0.23	-0.11	-0.16	0.23	-0.13	0.0
Y	2	L	68673	SR	0.82	0.47	-0.26	-0.26	-0.25	0.47	0.1
Y	3	L	55630	SR	0.74	0.48	0.48	-0.15	-0.12	-0.41	0.1
Y	7	L	68095	SR	0.72	0.43	-0.20	-0.23	-0.24	0.43	0.3
Y	8	L	55619	CR	0.48	0.61					1.4
Y	9	L	51044	SR	0.74	0.43	0.43	-0.27	-0.24	-0.17	0.2
Y	10	L	79663	SR	0.51	0.38	-0.05	0.38	-0.25	-0.33	0.2
Y	11	L	51786	SR	0.59	0.44	-0.19	0.44	-0.28	-0.16	0.2
Y	12	O	50855	SR	0.76	0.41	0.41	-0.29	-0.20	-0.12	0.3
Y	15	L	60455	CR	0.46	0.71					2.4
Y	16	L	51245	SR	0.60	0.50	-0.21	0.50	-0.31	-0.24	0.1
Y	17	L	68741	SR	0.71	0.55	-0.31	0.55	-0.27	-0.25	0.3
Y	20	L	68505	SR	0.85	0.50	-0.31	-0.27	-0.23	0.50	0.2
Y	21	L	51134	SR	0.55	0.50	-0.32	-0.19	-0.18	0.50	0.3
Y	22	L	68605	SR	0.87	0.50	-0.22	0.50	-0.32	-0.26	0.3
Y	23	L	68685	CR	0.47	0.73					3.2
Y	24	L	68745	SR	0.93	0.42	0.42	-0.26	-0.26	-0.16	0.2
Y	25	L	51072	SR	0.68	0.33	-0.11	0.33	-0.27	-0.14	0.3
Y	28	L	68559	SR	0.58	0.50	-0.22	0.50	-0.28	-0.20	0.4
Y	29	L	68681	SR	0.76	0.41	0.41	-0.23	-0.19	-0.23	0.3
Y	30	O	68502	SR	0.34	0.39	-0.13	-0.08	-0.21	0.39	0.8
Y	31	L	108475	SR	0.75	0.47	-0.26	0.47	-0.27	-0.21	0.3
Y	35	O	68629	CR	0.43	0.76					5.1
Y	36	L	64959	SR	0.75	0.51	-0.23	-0.28	0.51	-0.25	1.2
Y	37	O	51154	SR	0.37	0.29	0.29	-0.20	-0.22	0.11	2.0
Y	38	O	55613	SR	0.58	0.43	-0.17	-0.16	0.43	-0.26	2.3
Y	42	L	58306	SR	0.74	0.30	-0.13	-0.23	-0.11	0.30	1.6
Y	43	O	68511	SR	0.48	0.44	-0.23	-0.13	0.44	-0.17	1.8
Y	44	L	58400	SR	0.90	0.33	-0.16	-0.18	-0.21	0.33	0.2
Y	45	L	68643	SR	0.82	0.42	-0.26	-0.20	-0.23	0.42	0.3
Y	46	L	55583	SR	0.72	0.37	0.37	-0.26	-0.17	-0.13	0.3
Y	47	L	50874	SR	0.63	0.53	0.53	-0.34	-0.28	-0.13	0.4
Y	50	L	52183	CR	0.40	0.76					6.2
Y	51	L	58309	SR	0.68	0.55	-0.15	-0.26	-0.37	0.55	0.4
Y	52	L	51172	SR	0.71	0.47	-0.27	-0.21	0.47	-0.22	0.5
Y	53	O	58288	SR	0.62	0.49	-0.20	-0.21	0.49	-0.29	0.5
Y	56	L	79640	SR	0.75	0.51	-0.28	-0.24	-0.28	0.51	0.4
Y	57	L	50947	SR	0.71	0.51	0.51	-0.27	-0.31	-0.20	0.5
Y	58	L	51723	SR	0.56	0.37	0.37	-0.19	-0.25	-0.06	0.6
Y	59	L	68012	CR	0.31	0.81					9.1
Y	60	O	68515	SR	0.80	0.45	-0.24	-0.27	0.45	-0.20	0.4
Y	61	L	68709	SR	0.70	0.57	-0.28	-0.33	0.57	-0.24	0.4
Y	62	O	55714	SR	0.84	0.48	-0.23	-0.31	0.48	-0.24	0.3

Table A24. Summary Item Statistics - Operational Items

Government - May Make-Up 2

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
Y	66	O	68509	SR	0.31	0.23	0.00	0.23	-0.19	-0.01	1.6
Y	67	O	58273	SR	0.88	0.46	-0.21	-0.28	-0.25	0.46	0.4
Y	68	O	65214	SR	0.50	0.50	-0.25	0.50	-0.23	-0.25	0.6
Y	69	L	64946	CR	0.37	0.75					6.8
Y	70	O	68070	SR	0.54	0.40	-0.04	0.40	-0.36	-0.11	0.7
Y	71	O	68595	SR	0.69	0.42	-0.24	0.42	-0.19	-0.14	1.8
Y	75	L	68013	SR	0.57	0.51	-0.21	-0.30	-0.18	0.51	1.0
Y	76	O	55612	SR	0.48	0.40	-0.16	-0.17	0.40	-0.16	1.1
Y	77	L	52238	CR	0.27	0.83					7.2
Y	81	O	64803	SR	0.39	0.42	0.42	-0.20	-0.16	-0.07	2.3
Y	82	O	64811	SR	0.40	0.37	-0.16	0.37	-0.19	-0.04	2.0
Y	85	L	65207	SR	0.71	0.41	-0.21	0.41	-0.23	-0.17	1.3
Y	86	L	65204	SR	0.59	0.38	-0.11	-0.21	-0.27	0.38	1.3
Y	87	O	51191	SR	0.32	0.28	-0.19	-0.03	-0.05	0.28	2.5
Y	88	O	52266	SR	0.68	0.48	-0.24	-0.19	0.48	-0.28	1.4
Mean					0.62	0.48	-0.06	-0.04	-0.08	-0.01	1.4
SD					0.18	0.13	0.27	0.30	0.29	0.29	1.9

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A25. Summary Item Statistics - Operational Items
Algebra - Summer Primary 1

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
P	1	L	54780	SR	0.69	0.29	-0.12	0.29	-0.16	-0.18	1.6
P	2	L	56828	SR	0.71	0.31	-0.17	0.31	-0.21	-0.14	1.4
P	3	L	51407	SR	0.75	0.35	-0.15	0.35	-0.21	-0.18	0.4
P	4	L	54782	SR	0.82	0.22	-0.02	-0.08	0.22	-0.20	0.8
P	6	L	79527	CR	0.42	0.67					9.3
P	7	L	54861	SR	0.20	0.26	-0.08	-0.01	-0.14	0.26	0.7
P	8	O	56662	SR	0.50	0.38	0.38	-0.17	-0.15	-0.19	0.7
P	9	L	51380	SR	0.47	0.43	-0.18	-0.22	-0.16	0.43	1.3
P	10	O	54847	SR	0.23	0.32	-0.10	-0.17	0.32	-0.05	1.1
P	12	L	54789	SPR	0.52	0.50	0.50	-0.39			6.9
P	13	O	106616	SPR	0.39	0.50	0.50	-0.36			10.0
P	15	L	67500	CR	0.14	0.68					21.8
P	16	L	79138	SR	0.45	0.31	0.31	-0.19	-0.09	-0.10	1.9
P	17	O	51425	SR	0.46	0.33	0.33	-0.16	-0.17	-0.06	2.1
P	19	O	54808	CR	0.38	0.65					11.1
P	20	O	67527	SPR	0.21	0.50	0.50	-0.25			24.5
P	24	L	79124	SR	0.25	0.47	-0.22	-0.12	-0.10	0.47	6.4
P	25	L	79114	SR	0.59	0.32	-0.12	-0.18	0.32	-0.12	5.8
P	26	L	79091	SR	0.66	0.42	0.42	-0.21	-0.28	-0.09	1.0
P	27	O	51452	SR	0.77	0.37	-0.21	0.37	-0.21	-0.10	1.0
P	28	L	56550	SR	0.53	0.35	-0.14	0.35	-0.09	-0.22	1.0
P	30	L	56735	SR	0.33	0.35	-0.08	0.35	-0.16	-0.16	1.0
P	34	O	67471	SPR	0.52	0.52	0.52	-0.36			11.3
P	35	L	56443	SR	0.42	0.34	-0.10	-0.17	-0.14	0.34	1.0
P	36	L	56675	SR	0.53	0.50	0.50	-0.24	-0.24	-0.17	1.6
P	38	O	51400	SR	0.63	0.32	-0.09	-0.24	0.32	-0.14	0.9
P	41	O	79069	SR	0.32	0.26	-0.12	0.00	-0.16	0.26	1.1
P	42	O	67482	CR	0.43	0.56					10.2
P	43	L	67481	SPR	0.51	0.51	0.51	-0.39			6.7
P	44	L	67440	SPR	0.26	0.55	0.55	-0.29			18.8
P	46	O	50383	CR	0.18	0.64					21.7
P	47	L	67455	SR	0.44	0.24	-0.10	-0.08	0.24	-0.08	1.7
P	48	L	43153	SR	0.40	0.32	-0.14	-0.18	0.32	-0.03	1.6
P	49	O	51497	SR	0.47	0.37	0.37	-0.13	-0.20	-0.16	1.5
P	50	L	56696	CR	0.16	0.61					28.3
P	51	O	67558	SR	0.50	0.33	-0.16	-0.17	0.33	-0.04	3.5
P	52	O	67419	SR	0.70	0.46	-0.23	-0.19	-0.25	0.46	3.6
P	53	L	56743	SR	0.65	0.46	-0.24	-0.20	0.46	-0.18	3.8
Mean					0.46	0.42	0.08	-0.10	-0.02	-0.01	6.0
SD					0.18	0.13	0.30	0.23	0.24	0.22	7.6

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A26. Summary Item Statistics - Operational Items
Algebra – Summer Primary 2

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Q	1	L	54780	SR	0.69	0.29	-0.12	0.29	-0.16	-0.18	1.6
Q	2	L	56828	SR	0.71	0.31	-0.17	0.31	-0.21	-0.14	1.4
Q	3	L	51407	SR	0.75	0.35	-0.15	0.35	-0.21	-0.18	0.4
Q	4	L	54782	SR	0.82	0.22	-0.02	-0.08	0.22	-0.20	0.8
Q	6	L	79527	CR	0.42	0.67					9.3
Q	7	L	54861	SR	0.20	0.26	-0.08	-0.01	-0.14	0.26	0.7
Q	8	O	51540	SR	0.24	0.51	0.51	0.01	-0.35	-0.10	1.8
Q	9	L	51380	SR	0.47	0.43	-0.18	-0.22	-0.16	0.43	1.3
Q	10	O	79145	SR	0.34	0.53	-0.22	-0.21	-0.13	0.53	1.8
Q	12	L	54789	SPR	0.52	0.50	0.50	-0.39			6.9
Q	13	O	51465	SPR	0.38	0.63	0.63	-0.43			9.8
Q	15	L	67500	CR	0.14	0.68					21.8
Q	16	L	79138	SR	0.45	0.31	0.31	-0.19	-0.09	-0.10	1.9
Q	17	O	106577	SR	0.40	0.49	-0.18	-0.21	-0.10	0.49	2.7
Q	19	O	50445	CR	0.28	0.73					12.5
Q	20	O	56619	SPR	0.31	0.51	0.51	-0.28			15.2
Q	24	L	79124	SR	0.25	0.47	-0.22	-0.12	-0.10	0.47	6.4
Q	25	L	79114	SR	0.59	0.32	-0.12	-0.18	0.32	-0.12	5.8
Q	26	L	79091	SR	0.66	0.42	0.42	-0.21	-0.28	-0.09	1.0
Q	27	O	56756	SR	0.60	0.41	0.41	-0.15	-0.23	-0.16	3.6
Q	28	L	56550	SR	0.53	0.35	-0.14	0.35	-0.09	-0.22	1.0
Q	30	L	56735	SR	0.33	0.35	-0.08	0.35	-0.16	-0.16	1.0
Q	34	O	67549	SPR	0.60	0.52	0.52	-0.42			7.1
Q	35	L	56443	SR	0.42	0.34	-0.10	-0.17	-0.14	0.34	1.0
Q	36	L	56675	SR	0.53	0.50	0.50	-0.24	-0.24	-0.17	1.6
Q	38	O	51372	SR	0.67	0.52	-0.28	0.52	-0.13	-0.24	2.7
Q	41	O	43155	SR	0.50	0.29	-0.12	0.29	-0.17	-0.06	4.5
Q	42	O	51571	CR	0.44	0.72					10.7
Q	43	L	67481	SPR	0.51	0.51	0.51	-0.39			6.7
Q	44	L	67440	SPR	0.26	0.55	0.55	-0.29			18.8
Q	46	O	43162	CR	0.13	0.76					19.6
Q	47	L	67455	SR	0.44	0.24	-0.10	-0.08	0.24	-0.08	1.7
Q	48	L	43153	SR	0.40	0.32	-0.14	-0.18	0.32	-0.03	1.6
Q	49	O	67483	SR	0.22	0.16	0.16	-0.05	-0.06	0.09	3.6
Q	50	L	56696	CR	0.16	0.61					28.3
Q	51	O	56800	SR	0.19	0.11	0.11	0.20	-0.11	-0.13	3.6
Q	52	O	64690	SR	0.61	0.48	-0.15	-0.29	0.48	-0.16	4.5
Q	53	L	56743	SR	0.65	0.46	-0.24	-0.20	0.46	-0.18	3.8
Mean					0.44	0.44	0.09	-0.07	-0.05	0.00	6.0
SD					0.19	0.16	0.31	0.26	0.23	0.25	6.8

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A27. Summary Item Statistics - Operational Items
Biology – Summer Primary 1

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
P	1	L	56959	SR	0.72	0.29	-0.11	-0.21	-0.14	0.29	0.0
P	2	L	52733	SR	0.40	0.16	0.16	0.03	-0.20	-0.13	0.2
P	5	L	53643	SR	0.27	0.25	-0.05	-0.01	-0.21	0.25	0.2
P	6	L	53644	SR	0.70	0.36	-0.25	0.36	-0.20	-0.11	0.2
P	7	L	53645	SR	0.36	0.25	-0.12	-0.06	0.25	-0.13	0.1
P	11	O	108519	SR	0.70	0.35	-0.13	0.35	-0.23	-0.17	0.2
P	12	O	68220	SR	0.49	0.42	0.42	-0.21	-0.13	-0.20	0.3
P	13	L	94196	CR	0.19	0.62					13.5
P	14	O	55170	SR	0.63	0.35	-0.21	-0.15	0.35	-0.15	0.6
P	15	L	55056	SR	0.51	0.40	0.40	-0.27	-0.08	-0.17	0.8
P	16	O	55230	SR	0.65	0.15	0.15	0.06	-0.22	-0.17	0.6
P	17	O	55229	SR	0.75	0.36	-0.22	-0.19	0.36	-0.12	0.6
P	19	O	79408	SR	0.67	0.34	-0.19	-0.15	0.34	-0.14	0.8
P	20	L	68214	CR	0.20	0.64					13.5
P	21	L	57014	SR	0.49	0.37	-0.18	0.37	-0.14	-0.12	1.2
P	27	O	79521	SR	0.57	0.35	-0.20	0.35	-0.20	-0.06	1.4
P	28	L	68279	CR	0.24	0.73					12.5
P	29	O	52623	SR	0.48	0.44	0.44	-0.29	-0.19	-0.04	1.6
P	30	O	55119	SR	0.53	0.39	-0.07	0.39	-0.16	-0.26	1.6
P	31	O	52749	SR	0.66	0.44	0.44	-0.16	-0.24	-0.20	1.7
P	36	L	52628	CR	0.10	0.68					21.9
P	37	L	57046	SR	0.33	0.14	0.14	-0.13	0.05	-0.07	2.2
P	38	L	57047	SR	0.51	0.44	-0.20	-0.21	0.44	-0.13	2.2
P	39	L	55083	SR	0.67	0.47	-0.20	-0.22	0.47	-0.23	2.6
P	40	L	55086	SR	0.22	0.09	0.03	0.09	-0.22	0.10	2.6
P	41	O	52513	SR	0.33	0.30	-0.13	0.00	-0.18	0.30	2.8
P	42	L	57167	SR	0.40	0.44	0.44	-0.12	-0.20	-0.16	2.6
P	43	L	57168	SR	0.39	0.39	-0.17	0.39	-0.09	-0.21	2.6
P	44	O	68189	SR	0.38	0.29	0.29	-0.21	0.00	-0.10	0.9
P	45	L	68296	SR	0.37	0.09	-0.14	-0.06	0.09	0.12	1.0
P	46	L	68297	SR	0.63	0.47	-0.20	-0.26	-0.21	0.47	1.0
P	47	L	68298	SR	0.55	0.48	0.48	-0.27	-0.20	-0.17	1.0
P	52	L	52766	CR	0.21	0.65					12.4
P	53	L	68140	SR	0.59	0.48	0.48	-0.26	-0.19	-0.16	1.6
P	54	L	68143	SR	0.38	0.39	-0.11	0.39	-0.21	-0.05	1.6
P	55	L	68144	SR	0.68	0.41	0.41	-0.20	-0.21	-0.11	1.6
P	59	L	52462	CR	0.24	0.73					11.2
P	60	O	52445	SR	0.21	0.38	0.38	-0.15	-0.13	-0.01	1.8
P	61	O	108579	SR	0.85	0.43	-0.20	-0.25	0.43	-0.13	1.5
P	62	O	55213	SR	0.35	0.23	-0.18	0.23	0.08	-0.14	1.6
P	63	L	55099	SR	0.72	0.46	-0.22	0.46	-0.22	-0.18	1.6
P	64	L	64730	SR	0.29	0.23	-0.09	0.23	-0.07	-0.01	1.7
P	65	L	64731	SR	0.32	0.30	0.30	-0.13	-0.05	-0.08	1.7

Table A27. Summary Item Statistics - Operational Items
Biology – Summer Primary 1

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
P	66	O	67622	SR	0.77	0.46	-0.21	-0.16	-0.25	0.46	1.6
P	67	L	79414	SR	0.59	0.48	-0.22	-0.24	-0.19	0.48	2.0
P	71	O	53510	SR	0.55	0.28	-0.13	0.28	-0.09	-0.12	1.6
P	72	O	64716	SR	0.76	0.36	-0.13	0.36	-0.21	-0.13	1.8
P	73	O	79468	SR	0.42	0.43	-0.19	-0.13	-0.15	0.43	2.1
P	77	O	52720	SR	0.36	0.45	-0.21	-0.14	0.45	-0.15	2.1
P	78	O	52775	SR	0.51	0.49	-0.16	-0.23	-0.18	0.49	2.1
P	79	O	52776	SR	0.48	0.49	-0.19	-0.20	-0.18	0.49	2.1
P	80	L	65103	CR	0.13	0.65					17.8
P	83	L	53459	SR	0.32	0.26	-0.01	-0.06	-0.12	0.26	2.8
P	84	L	65117	SR	0.52	0.39	-0.11	0.39	-0.18	-0.16	2.9
P	85	L	64706	SR	0.52	0.34	-0.16	-0.03	0.34	-0.20	2.7
Mean					0.47	0.39	-0.01	-0.01	-0.05	-0.02	3.2
SD					0.19	0.15	0.25	0.24	0.23	0.23	4.7

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A28. Summary Item Statistics - Operational Items
Biology – Summer Primary 2

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
Q	1	L	56959	SR	*	*	*	*	*	*	*
Q	2	L	52733	SR	*	*	*	*	*	*	*
Q	5	L	53643	SR	*	*	*	*	*	*	*
Q	6	L	53644	SR	*	*	*	*	*	*	*
Q	7	L	53645	SR	*	*	*	*	*	*	*
Q	11	O	65149	SR	*	*	*	*	*	*	*
Q	12	O	52466	SR	*	*	*	*	*	*	*
Q	13	L	94196	CR	*	*	*	*	*	*	*
Q	14	O	57028	SR	*	*	*	*	*	*	*
Q	15	L	55056	SR	*	*	*	*	*	*	*
Q	16	O	55192	SR	*	*	*	*	*	*	*
Q	17	O	52551	SR	*	*	*	*	*	*	*
Q	19	O	68163	SR	*	*	*	*	*	*	*
Q	20	L	68214	CR	*	*	*	*	*	*	*
Q	21	L	57014	SR	*	*	*	*	*	*	*
Q	27	O	79510	SR	*	*	*	*	*	*	*
Q	28	L	68279	CR	*	*	*	*	*	*	*
Q	29	O	52754	SR	*	*	*	*	*	*	*
Q	30	O	55200	SR	*	*	*	*	*	*	*
Q	31	O	55124	SR	*	*	*	*	*	*	*
Q	36	L	52628	CR	*	*	*	*	*	*	*
Q	37	L	57046	SR	*	*	*	*	*	*	*
Q	38	L	57047	SR	*	*	*	*	*	*	*
Q	39	L	55083	SR	*	*	*	*	*	*	*
Q	40	L	55086	SR	*	*	*	*	*	*	*
Q	41	O	68295	SR	*	*	*	*	*	*	*
Q	42	L	57167	SR	*	*	*	*	*	*	*
Q	43	L	57168	SR	*	*	*	*	*	*	*
Q	44	O	68292	SR	*	*	*	*	*	*	*
Q	45	L	68296	SR	*	*	*	*	*	*	*
Q	46	L	68297	SR	*	*	*	*	*	*	*
Q	47	L	68298	SR	*	*	*	*	*	*	*
Q	52	L	52766	CR	*	*	*	*	*	*	*
Q	53	L	68140	SR	*	*	*	*	*	*	*
Q	54	L	68143	SR	*	*	*	*	*	*	*
Q	55	L	68144	SR	*	*	*	*	*	*	*
Q	59	L	52462	CR	*	*	*	*	*	*	*
Q	60	O	57070	SR	*	*	*	*	*	*	*
Q	61	O	79496	SR	*	*	*	*	*	*	*
Q	63	L	55099	SR	*	*	*	*	*	*	*
Q	64	L	64730	SR	*	*	*	*	*	*	*
Q	65	L	64731	SR	*	*	*	*	*	*	*
Q	67	L	79414	SR	*	*	*	*	*	*	*

Table A28. Summary Item Statistics - Operational Items
Biology – Summer Primary 2

Form	Pos_No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Q	71	O	65126	SR	*	*	*	*	*	*	*
Q	72	O	65141	SR	*	*	*	*	*	*	*
Q	73	O	68147	SR	*	*	*	*	*	*	*
Q	74	O	57159	SR	*	*	*	*	*	*	*
Q	75	O	57158	SR	*	*	*	*	*	*	*
Q	77	O	52774	SR	*	*	*	*	*	*	*
Q	78	O	52718	SR	*	*	*	*	*	*	*
Q	79	O	52719	SR	*	*	*	*	*	*	*
Q	80	L	65103	CR	*	*	*	*	*	*	*
Q	83	L	53459	SR	*	*	*	*	*	*	*
Q	84	L	65117	SR	*	*	*	*	*	*	*
Q	85	L	64706	SR	*	*	*	*	*	*	*

* Statistics not reported for sample size less than 50 (N<50)

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A29. Summary Item Statistics - Operational Items
English - Summer Primary 1

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
P	1	O	130229	CR	0.53	0.50					3.0
P	2	O	130295	SR	0.80	0.34	-0.16	-0.24	-0.17	0.34	0.1
P	3	O	130299	SR	0.34	0.22	0.07	-0.19	-0.20	0.22	0.2
P	4	O	130300	SR	0.85	0.37	-0.24	0.37	-0.19	-0.17	0.1
P	5	O	130254	SR	0.48	0.31	-0.20	-0.06	0.31	-0.16	0.2
P	7	O	130301	SR	0.44	0.36	-0.15	0.36	-0.14	-0.18	0.3
P	17	L	108806	SR	0.59	0.34	-0.18	-0.10	-0.19	0.34	1.9
P	18	L	108808	SR	0.47	0.22	-0.05	0.22	-0.08	-0.16	1.8
P	19	L	108779	SR	0.68	0.42	-0.18	-0.24	0.42	-0.19	1.6
P	20	L	130246	SR	0.34	0.30	-0.05	-0.17	-0.09	0.30	2.1
P	21	L	108810	SR	0.56	0.33	-0.15	-0.22	0.33	-0.10	2.2
P	22	L	108807	CR	0.30	0.52					17.1
P	26	O	96254	CR	0.46	0.53					6.5
P	32	L	130951	SR	0.41	0.36	-0.14	-0.30	0.01	0.36	0.9
P	33	L	130952	SR	0.52	0.37	0.37	-0.10	-0.19	-0.20	1.1
P	34	L	130953	SR	0.74	0.46	-0.23	-0.21	-0.22	0.46	0.9
P	35	L	130954	SR	0.67	0.46	0.46	-0.17	-0.25	-0.21	1.1
P	36	O	130308	SR	0.50	0.40	-0.21	0.40	-0.21	-0.10	1.3
P	37	O	130271	SR	0.40	0.28	-0.08	-0.17	0.28	-0.08	1.2
P	38	O	130302	SR	0.69	0.48	-0.22	-0.25	0.48	-0.22	1.1
P	39	O	130165	SR	0.64	0.42	-0.23	-0.23	0.42	-0.06	1.7
P	40	O	130166	SR	0.59	0.42	0.42	-0.17	-0.26	-0.10	1.3
P	41	O	130167	SR	0.61	0.44	-0.14	-0.26	-0.20	0.44	1.4
P	42	O	130274	SR	0.64	0.44	-0.22	0.44	-0.26	-0.11	1.4
P	43	O	130168	SR	0.65	0.52	-0.24	-0.26	0.52	-0.21	1.4
P	44	O	130230	SR	0.32	0.23	-0.06	0.23	0.01	-0.18	1.5
P	45	O	130231	SR	0.66	0.49	-0.24	-0.31	-0.14	0.49	1.5
P	46	O	130233	SR	0.22	0.14	-0.19	-0.18	0.17	0.14	1.5
P	47	O	130232	SR	0.50	0.39	0.39	-0.16	-0.26	-0.06	1.7
P	48	O	130234	SR	0.65	0.49	0.49	-0.24	-0.25	-0.17	1.8
P	51	L	130255	SR	0.68	0.48	-0.22	-0.29	0.48	-0.17	2.6
P	52	L	96328	SR	0.57	0.48	0.48	-0.20	-0.23	-0.20	2.5
P	56	L	130172	SR	0.59	0.44	-0.19	-0.21	0.44	-0.16	1.7
P	57	L	130173	SR	0.69	0.42	0.42	-0.21	-0.20	-0.15	1.2
P	58	L	130174	SR	0.58	0.48	-0.21	0.48	-0.22	-0.19	1.4
P	59	L	130280	SR	0.51	0.38	0.38	-0.23	-0.17	-0.11	1.6
P	60	L	130175	SR	0.67	0.48	-0.22	0.48	-0.18	-0.27	1.3
P	61	L	130176	SR	0.72	0.51	0.51	-0.25	-0.26	-0.21	1.4
P	62	L	130177	SR	0.64	0.43	-0.19	-0.23	0.43	-0.15	1.6
P	63	L	130178	SR	0.62	0.42	0.42	-0.24	-0.11	-0.22	1.5
P	64	L	130179	CR	0.27	0.59					16.3
P	71	O	109108	SR	0.44	0.35	-0.05	-0.21	0.35	-0.10	2.2
P	72	O	109109	SR	0.57	0.47	0.47	-0.15	-0.26	-0.17	2.5

Table A29. Summary Item Statistics - Operational Items

English - Summer Primary 1

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
P	73	L	108796	SR	0.35	0.30	-0.14	-0.07	0.30	-0.06	2.4
P	74	L	108797	SR	0.23	0.14	0.14	-0.16	0.02	0.06	2.6
P	75	L	108799	SR	0.35	0.27	0.27	-0.25	-0.08	0.03	2.4
P	76	L	108798	SR	0.45	0.37	0.37	-0.10	-0.24	-0.07	2.6
P	77	L	108800	SR	0.66	0.48	-0.23	-0.23	0.48	-0.17	2.7
P	78	L	108801	SR	0.51	0.43	0.43	-0.20	-0.21	-0.09	2.8
P	80	L	108803	SR	0.29	0.24	-0.12	-0.19	0.08	0.24	2.8
Mean					0.41	0.39	-0.02	0.00	-0.04	0.02	3.9
SD					0.17	0.17	0.26	0.24	0.23	0.24	4.9

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A30. Summary Item Statistics - Operational Items
English - Summer Primary 2

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
Q	1	O	130029	CR	0.46	0.73					8.1
Q	2	O	130269	SR	0.47	0.52	-0.31	-0.22	0.52	-0.22	0.0
Q	3	O	130272	SR	0.26	0.01	-0.13	-0.20	0.17	0.01	0.0
Q	4	O	130273	SR	0.47	0.32	-0.11	-0.19	0.32	-0.11	0.0
Q	5	O	130279	SR	0.46	0.51	-0.23	-0.14	0.51	-0.30	0.0
Q	6	O	130169	SR	0.59	0.28	-0.06	0.28	-0.15	-0.19	0.0
Q	18	L	108806	SR	0.59	0.34	-0.18	-0.10	-0.19	0.34	1.9
Q	19	L	108808	SR	0.47	0.22	-0.05	0.22	-0.08	-0.16	1.8
Q	20	L	108779	SR	0.68	0.42	-0.18	-0.24	0.42	-0.19	1.6
Q	21	L	130246	SR	0.34	0.30	-0.05	-0.17	-0.09	0.30	2.1
Q	22	L	108810	SR	0.56	0.33	-0.15	-0.22	0.33	-0.10	2.2
Q	23	L	108807	CR	0.30	0.52					17.1
Q	27	O	135483	CR	0.39	0.79					12.2
Q	34	L	130951	SR	0.41	0.36	-0.14	-0.30	0.01	0.36	0.9
Q	35	L	130952	SR	0.52	0.37	0.37	-0.10	-0.19	-0.20	1.1
Q	36	L	130953	SR	0.74	0.46	-0.23	-0.21	-0.22	0.46	0.9
Q	37	L	130954	SR	0.67	0.46	0.46	-0.17	-0.25	-0.21	1.1
Q	38	O	130970	SR	0.38	0.53	-0.11	-0.22	-0.27	0.53	1.4
Q	39	O	130109	SR	0.35	0.32	0.32	-0.15	-0.02	-0.14	2.7
Q	40	O	130110	SR	0.39	0.44	0.44	-0.36	-0.06	-0.10	2.7
Q	41	O	130111	SR	0.41	0.24	-0.02	0.04	-0.19	0.24	5.4
Q	42	O	108820	SR	0.51	0.43	-0.14	0.43	-0.23	-0.07	4.1
Q	43	O	109744	SR	0.42	0.49	-0.23	-0.21	-0.05	0.49	5.4
Q	44	O	108827	SR	0.55	0.28	-0.02	0.28	-0.17	-0.09	5.4
Q	45	O	108824	SR	0.55	0.49	-0.18	-0.18	-0.21	0.49	5.4
Q	46	O	130066	SR	0.47	0.34	-0.27	0.34	-0.08	-0.02	5.4
Q	47	O	130067	SR	0.24	0.27	0.00	-0.39	0.27	0.18	5.4
Q	48	O	130069	SR	0.31	0.39	-0.04	-0.24	-0.06	0.39	5.4
Q	50	O	130074	SR	0.38	0.42	-0.14	0.42	-0.17	-0.07	5.4
Q	51	O	130199	SR	0.47	0.38	0.38	-0.19	-0.15	-0.05	5.4
Q	53	L	130255	SR	0.68	0.48	-0.22	-0.29	0.48	-0.17	2.6
Q	54	L	96328	SR	0.57	0.48	0.48	-0.20	-0.23	-0.20	2.5
Q	58	L	130172	SR	0.59	0.44	-0.19	-0.21	0.44	-0.16	1.7
Q	59	L	130173	SR	0.69	0.42	0.42	-0.21	-0.20	-0.15	1.2
Q	60	L	130174	SR	0.58	0.48	-0.21	0.48	-0.22	-0.19	1.4
Q	61	L	130280	SR	0.51	0.38	0.38	-0.23	-0.17	-0.11	1.6
Q	62	L	130175	SR	0.67	0.48	-0.22	0.48	-0.18	-0.27	1.3
Q	63	L	130176	SR	0.72	0.51	0.51	-0.25	-0.26	-0.21	1.4
Q	64	L	130177	SR	0.64	0.43	-0.19	-0.23	0.43	-0.15	1.6
Q	65	L	130178	SR	0.62	0.42	0.42	-0.24	-0.11	-0.22	1.5
Q	66	L	130179	CR	0.27	0.59					16.3
Q	72	O	96160	SR	0.46	0.33	-0.07	-0.21	0.33	0.05	5.4
Q	73	O	96161	SR	0.74	0.46	-0.23	-0.28	0.46	-0.08	6.8

Table A30. Summary Item Statistics - Operational Items

English - Summer Primary 2

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Q	74	L	108796	SR	0.35	0.30	-0.14	-0.07	0.30	-0.06	2.4
Q	75	L	108797	SR	0.23	0.14	0.14	-0.16	0.02	0.06	2.6
Q	76	L	108799	SR	0.35	0.27	0.27	-0.25	-0.08	0.03	2.4
Q	77	L	108798	SR	0.45	0.37	0.37	-0.10	-0.24	-0.07	2.6
Q	78	L	108800	SR	0.66	0.48	-0.23	-0.23	0.48	-0.17	2.7
Q	79	L	108801	SR	0.51	0.43	0.43	-0.20	-0.21	-0.09	2.8
Q	81	L	108803	SR	0.29	0.24	-0.12	-0.19	0.08	0.24	2.8
Mean					0.53	0.39	0.02	-0.10	0.00	-0.04	2.3
SD					0.15	0.10	0.28	0.23	0.27	0.21	3.1

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A31. Summary Item Statistics - Operational Items
Government - Summer Primary 1

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
P	1	L	68603	SR	0.88	0.30	-0.20	-0.18	0.30	-0.13	0.2
P	2	L	68673	SR	0.68	0.45	-0.21	-0.25	-0.22	0.45	0.5
P	3	L	55630	SR	0.56	0.34	0.34	-0.17	-0.06	-0.23	0.5
P	7	L	68095	SR	0.59	0.36	-0.14	-0.19	-0.16	0.36	0.9
P	8	L	55619	CR	0.35	0.55					5.3
P	9	L	51044	SR	0.56	0.37	0.37	-0.22	-0.19	-0.09	0.6
P	10	L	79663	SR	0.36	0.32	-0.01	0.32	-0.17	-0.21	0.8
P	11	L	51786	SR	0.41	0.31	-0.06	0.31	-0.14	-0.18	0.8
P	12	O	79747	SR	0.30	0.11	-0.05	0.11	-0.06	0.03	1.0
P	15	L	60455	CR	0.32	0.62					8.8
P	16	L	51245	SR	0.41	0.33	-0.11	0.33	-0.26	-0.04	0.8
P	17	L	68741	SR	0.46	0.40	-0.17	0.40	-0.21	-0.09	1.1
P	20	L	68505	SR	0.67	0.50	-0.22	-0.26	-0.22	0.50	1.1
P	21	L	51134	SR	0.38	0.36	-0.11	-0.16	-0.11	0.36	1.0
P	22	L	68605	SR	0.69	0.55	-0.26	0.55	-0.29	-0.21	1.3
P	23	L	68685	CR	0.32	0.68					11.9
P	24	L	68745	SR	0.82	0.49	0.49	-0.27	-0.26	-0.21	1.0
P	25	L	51072	SR	0.53	0.35	-0.16	0.35	-0.24	-0.04	1.1
P	28	L	68559	SR	0.37	0.32	-0.11	0.32	-0.11	-0.09	1.5
P	29	L	68681	SR	0.59	0.48	0.48	-0.20	-0.19	-0.24	1.4
P	30	O	68556	SR	0.63	0.43	-0.19	-0.24	0.43	-0.15	1.1
P	31	L	108475	SR	0.54	0.43	-0.11	0.43	-0.31	-0.14	1.3
P	35	O	108361	CR	0.19	0.66					31.4
P	36	L	64959	SR	0.51	0.40	-0.15	-0.18	0.40	-0.13	2.5
P	37	O	68695	SR	0.45	0.37	-0.09	-0.18	0.37	-0.13	2.9
P	38	O	51139	SR	0.61	0.32	-0.19	-0.11	0.32	-0.13	2.5
P	42	L	58306	SR	0.61	0.40	-0.17	-0.22	-0.14	0.40	3.2
P	43	O	51152	SR	0.61	0.49	-0.18	-0.22	-0.24	0.49	3.2
P	44	L	58400	SR	0.80	0.42	-0.17	-0.22	-0.19	0.42	1.4
P	45	L	68643	SR	0.65	0.48	-0.25	-0.14	-0.26	0.48	1.7
P	46	L	55583	SR	0.56	0.31	0.31	-0.13	-0.12	-0.13	1.5
P	47	L	50874	SR	0.38	0.38	0.38	-0.10	-0.20	-0.12	1.9
P	50	L	52183	CR	0.22	0.61					18.9
P	51	L	58309	SR	0.45	0.48	-0.11	-0.19	-0.23	0.48	2.7
P	52	L	51172	SR	0.48	0.32	-0.19	-0.11	0.32	-0.04	3.0
P	53	O	51017	SR	0.53	0.48	0.48	-0.14	-0.19	-0.24	2.3
P	56	L	79640	SR	0.56	0.50	-0.23	-0.16	-0.22	0.50	2.8
P	57	L	50947	SR	0.47	0.43	0.43	-0.15	-0.24	-0.06	3.1
P	58	L	51723	SR	0.42	0.28	0.28	-0.10	-0.12	-0.02	3.0
P	59	L	68012	CR	0.12	0.66					22.3
P	60	O	55713	SR	0.61	0.48	-0.21	-0.15	-0.25	0.48	2.5
P	61	L	68709	SR	0.46	0.43	-0.20	-0.13	0.43	-0.15	2.3
P	62	O	64817	SR	0.23	0.22	0.22	-0.03	-0.06	-0.04	2.3

Table A31. Summary Item Statistics - Operational Items
Government - Summer Primary 1

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
P	66	O	50887	SR	0.48	0.35	0.35	-0.10	-0.12	-0.17	2.3
P	67	O	68072	SR	0.28	0.22	0.03	-0.14	0.22	-0.04	2.4
P	68	O	64788	SR	0.61	0.36	0.36	-0.11	-0.13	-0.22	2.2
P	69	L	64946	CR	0.21	0.61					17.6
P	70	O	68729	SR	0.35	0.36	-0.13	-0.21	-0.03	0.36	3.2
P	71	O	51744	SR	0.63	0.47	0.47	-0.17	-0.29	-0.11	3.1
P	75	L	68013	SR	0.33	0.34	-0.03	-0.15	-0.11	0.34	3.9
P	76	O	52289	SR	0.51	0.47	0.47	-0.15	-0.19	-0.19	3.9
P	77	L	52238	CR	0.11	0.70					19.9
P	81	O	64794	SR	0.43	0.47	-0.22	-0.11	-0.19	0.47	3.8
P	82	O	52279	SR	0.33	0.21	-0.19	0.21	-0.15	0.13	4.0
P	85	L	65207	SR	0.51	0.39	-0.17	0.39	-0.17	-0.10	4.3
P	86	L	65204	SR	0.43	0.38	0.02	-0.22	-0.22	0.38	4.5
P	87	O	60556	SR	0.35	0.34	-0.17	-0.16	0.00	0.34	4.6
P	88	O	51752	SR	0.33	0.39	-0.15	-0.09	-0.11	0.39	4.7
Mean					0.47	0.42	0.01	-0.05	-0.09	0.06	4.2
SD					0.17	0.12	0.26	0.22	0.21	0.27	6.1

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses

Table A32. Summary Item Statistics - Operational Items
Government - Summer Primary 2

Form	Pos No	Anchor Status	ItemID	Item Type	P Val	R ITT	P BIS1	P BIS2	P BIS3	P BIS4	%Omits
Q	1	L	68603	SR	*	*	*	*	*	*	*
Q	2	L	68673	SR	*	*	*	*	*	*	*
Q	3	L	55630	SR	*	*	*	*	*	*	*
Q	7	L	68095	SR	*	*	*	*	*	*	*
Q	8	L	55619	CR	*	*	*	*	*	*	*
Q	9	L	51044	SR	*	*	*	*	*	*	*
Q	10	L	79663	SR	*	*	*	*	*	*	*
Q	11	L	51786	SR	*	*	*	*	*	*	*
Q	12	O	50855	SR	*	*	*	*	*	*	*
Q	15	L	60455	CR	*	*	*	*	*	*	*
Q	16	L	51245	SR	*	*	*	*	*	*	*
Q	17	L	68741	SR	*	*	*	*	*	*	*
Q	20	L	68505	SR	*	*	*	*	*	*	*
Q	21	L	51134	SR	*	*	*	*	*	*	*
Q	22	L	68605	SR	*	*	*	*	*	*	*
Q	23	L	68685	CR	*	*	*	*	*	*	*
Q	24	L	68745	SR	*	*	*	*	*	*	*
Q	25	L	51072	SR	*	*	*	*	*	*	*
Q	28	L	68559	SR	*	*	*	*	*	*	*
Q	29	L	68681	SR	*	*	*	*	*	*	*
Q	30	O	68502	SR	*	*	*	*	*	*	*
Q	31	L	108475	SR	*	*	*	*	*	*	*
Q	35	O	68629	CR	*	*	*	*	*	*	*
Q	36	L	64959	SR	*	*	*	*	*	*	*
Q	37	O	51154	SR	*	*	*	*	*	*	*
Q	38	O	55613	SR	*	*	*	*	*	*	*
Q	42	L	58306	SR	*	*	*	*	*	*	*
Q	43	O	68511	SR	*	*	*	*	*	*	*
Q	44	L	58400	SR	*	*	*	*	*	*	*
Q	45	L	68643	SR	*	*	*	*	*	*	*
Q	46	L	55583	SR	*	*	*	*	*	*	*
Q	47	L	50874	SR	*	*	*	*	*	*	*
Q	50	L	52183	CR	*	*	*	*	*	*	*
Q	51	L	58309	SR	*	*	*	*	*	*	*
Q	52	L	51172	SR	*	*	*	*	*	*	*
Q	53	O	58288	SR	*	*	*	*	*	*	*
Q	56	L	79640	SR	*	*	*	*	*	*	*
Q	57	L	50947	SR	*	*	*	*	*	*	*
Q	58	L	51723	SR	*	*	*	*	*	*	*
Q	59	L	68012	CR	*	*	*	*	*	*	*
Q	60	O	68515	SR	*	*	*	*	*	*	*
Q	61	L	68709	SR	*	*	*	*	*	*	*
Q	62	O	55714	SR	*	*	*	*	*	*	*

Table A32. Summary Item Statistics - Operational Items
Government - Summer Primary 2

Form	Pos No	Anchor Status	ItemID	Item Type	P_Val	R_ITT	P_BIS1	P_BIS2	P_BIS3	P_BIS4	%Omits
Q	66	O	68509	SR	*	*	*	*	*	*	*
Q	67	O	58273	SR	*	*	*	*	*	*	*
Q	68	O	65214	SR	*	*	*	*	*	*	*
Q	69	L	64946	CR	*	*	*	*	*	*	*
Q	70	O	68070	SR	*	*	*	*	*	*	*
Q	71	O	68595	SR	*	*	*	*	*	*	*
Q	75	L	68013	SR	*	*	*	*	*	*	*
Q	76	O	55612	SR	*	*	*	*	*	*	*
Q	77	L	52238	CR	*	*	*	*	*	*	*
Q	81	O	64803	SR	*	*	*	*	*	*	*
Q	82	O	64811	SR	*	*	*	*	*	*	*
Q	85	L	65207	SR	*	*	*	*	*	*	*
Q	86	L	65204	SR	*	*	*	*	*	*	*
Q	87	O	51191	SR	*	*	*	*	*	*	*
Q	88	O	52266	SR	*	*	*	*	*	*	*

* Statistics not reported for sample size less than 50 (N<50)

Note: Anchor_Status: L=item is common across all forms in this administration, O=item is in 1 or more but not all forms in this administration; P_Val=P-Value, R_ITT=item-total correlation, P_BIS1 – P_BIS4 =option-total correlation, %Omits=percent of omitted responses