



Electronic Student Record Layout

Colleges & Universities

September 2019–August 2020

This document is designed to assist with the interpretation of electronic student record data reports from the ACT® test. Data is broken down by record position, field length, and field name. Descriptions of field content are also provided.

If you have questions about this information, please contact ACT Customer Care.

Phone: 319.337.1360

Email: ACT-Report@act.org

Important Information

Multiple Records

Records for an individual student who tested more than once may be reported with the same test date, but with different test locations (e.g., State, DANTES, Residual). National, International, and School are left blank. To differentiate records accurately, always use test location (position 249) in addition to the test date (month and year – positions 233-236).

NEW! Indicates a change in **September** 2019.

Dashes in the Record

Dashes (-) included in the record mean information was not provided or could not be calculated.

CD-ROM Characteristics

- **Disc type, density, and maximum number of records per disc:** 700 MB; N = 600,000
- **File type:** ASCII line sequential file with a carriage return and line feed at the end of each record.
- **Record length:** 1050 characters (there will be blank positions at the end of the record).
- **Encryption:** Password protected. AIRO FILES = PGP CD-ROM files = WinZip
- **Alphabetical data:** All in uppercase only.

New & Updated Content

The following information outlines new and updated content within the record layout. The table below includes the position(s), field name, and a description.

	Position	Field Name	Description
NEW!	87	Gender (Numeric)	Numeric: 4 = Male; 6 = Female; 7 = Another gender, 8 = Prefer not to respond; – (dash) = Blank
NEW!	88	Gender (Alpha)	Alpha: M = Male; F = Female; A = Another gender; P = Prefer not to respond; – (dash) = Blank
NEW!	406	SPS Item 6	This field is now blank.
NEW!	407	SPS Item 7	This field is now blank.

Data File Layout

This section provides a layout of the data file for each student. One row represents 50 characters, or bytes. Bytes are noted in increments of 5. For a detailed explanation of each field, see the **Field Description** section of this document.

DATA POSITION 1-50	REPORT YEAR IDENTIFIER	STUDENT IDENTIFYING INFORMATION																																			ADDRESS				
		STUDENT NAME																														MI									
	01	LAST NAME										FIRST NAME										MI	45	50																	

DATA POSITION 51-100	STUDENT IDENTIFYING INFORMATION cont																																												
	ADDRESS cont																																			CONTRY CODE	GENDER		GR LVL	ACT ID					PHONE TYPE
	51	55					60					65					70					75					80					85	NUM	ALPH	90	95					100				

DATA POSITION 101-150	STUDENT IDENTIFYING INFORMATION cont																																													
	DATE OF BIRTH						PHONE NUMBER										CITY															STATE		ZIP CODE												
	M	M	D	D	Y	Y																										NUM	ALPHA													
	101	05					10					15					20					25					30					35					40					45	150			

DATA POSITION 151-200	STUDENT IDENTIFYING INFORMATION cont						WRITING RESULTS – TEST EVENTS BEFORE 09/2015										BLANK	STANDARD SCORES <i>TEST EVENTS BEFORE 10/1989</i>					BLANK	STATE-ASSIGNED STUDENT ID NUMBER (13-CHARACTERS)																										
	EXPANDED DATE OF BIRTH						EW	WR	BLANK					COMMENTS ON ESSAY					E	M	SS	NS		C																										
	ZIP CODE cont						C	C	Y	Y	M	M	D	D																																				
	151	55					60					65					70					75					80					85					90					95					200			

DATA POSITION 201-250	SASID (13-CHAR) cont		HIGH SCHOOL INFORMATION															ACT TEST INFORMATION															PC/P																		
			HIGH SCHOOL CODE					HS GRADES					BLANK	HS AVERAGE	YR OF HS GRADUATION	EXPANDED TEST DATE					TEST DATE					BLANK					TEST LOC	CN PROV																			
			E	M	SS	NS									C	C	Y	Y	M	M	M	M	Y	Y																											
	201	05					10					15					20					25					30					35					40					45					48				

DATA POSITION 251-300	POSTAL CODE/PROVINCE cont					ACT TEST INFORMATION cont										BLANK	INTEREST INVENTORY – STANDARD SCORES (SS)																																	
	CN PROV	BLANK	CANADIAN POSTAL CODE					CRI	SCALE SCORES					BLANK	SUM OF SCALE SCORES		SCI & TECH					ARTS					SOC SERV					ADMIN & SALES					BUS OP					TECH								
								E	M	R	S	C			BLANK		SS	BLANK	SS	BLANK	SS	BLANK	SS	BLANK	SS	BLANK	SS	BLANK	SS	BLANK	SS	BLANK	SS																	
	251	55					60					65					70					75					80					85					90					95					300			

DATA POSITION 301-350	II-SS cont		WORLD-OF-WORK MAP REGIONS			BLANK	COLL CHOICE #	BLANK	COLLEGE CODE	SCALE SUBSCORES <i>TEST EVENTS BEFORE 09/2016</i>							BLANK					INSTITUTIONAL RANKS (CUMULATIVE %)																												
	TECH (6)		1	2	3					UM	RH	EA	AG	GT	SS	AL						STEM	ELA	SUBSCORES																										
	SS																																																	
	301	05					10					15					20					25					30					35					40					45					350			

DATA POSITION 701-750	COLLEGE ADMISSION INFORMATION																																					
	INSTITUTIONAL RANKS (CUMULATIVE %) – ENROLLMENT POPULATIONS										CHANCE OF 'C' OR HIGHER																											
	STUDENT GROUPS – COMPOSITE SCORE					SPECIFIC COURSES – SUBJECT AREA SCORES					STUDENT GROUPS					SPECIFIC COURSES																						
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5																		
701			05			10				15				20				25				30				35				40				45				750

DATA POSITION 751-800	COLLEGE ADMISSION INFORMATION															WRITING RESULTS TEST EVENTS BEGINNING 09/2015																				
	CHANCE OF 'B' OR HIGHER										INSTITUTIONAL RANKS (CUMULATIVE %) – ENROLLMENT POPULATIONS – SCALE SCORES					RANKS TYPE	INST RANK (CUM %) WR	INST RANK (CUM %) COMPOSITE	BLANK	WR SUBJ SCORE (1-36)	US RANK (CUM %) WR SUBJ SC	DOMAIN SCORES														
	STUDENT GROUPS					SPECIFIC COURSES					ENGLISH	MATHEMATICS	READING	SCIENCE	I&A							D&S	ORG													
	1	2	3	4	5	1	2	3	4	5	ENGLISH	MATHEMATICS	READING	SCIENCE																						
751			55			60				65				70				75				80				85				90			95			800

DATA POSITION 801-850	WRITING cont		WR SUBJ SCORE (2-12)	ADDITIONAL SCORES & INDICATORS							REPORTING CATEGORIES																									
	DOM SCORES cont			ELA SCORE	US RANK (CUM %) ELA	BLANK	STEM SCORE	US RANK (CUM %) STEM	BLANK	UCTI	PTCRI	ENGLISH																								
	ORG cont	LANGUAGE	PRODUCTION OF WRITING									KNOWLEDGE OF LANGUAGE				CONV OF STANDARD ENGLISH																				
			PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB																		
801			05			10				15			20			25				30				35				40				45				850

DATA POSITION 851-900	REPORTING CATEGORIES cont																																				
	ENG	MATHEMATICS																																			
	CSE	PREPARING FOR HIGHER MATH					NUMBER & QUANTITY					ALGEBRA					FUNCTIONS					GEOMETRY															
	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB												
851			55			60				65				70				75				80				85				90				95			900

DATA POSITION 901-950	REPORTING CATEGORIES cont																																				
	MATHEMATICS cont												BLANK	READING																							
	GEOM	STATISTICS & PROBABILITY					INTEGRATING ESSENTIAL SKILLS					MODELING					KEY IDEAS & DETAILS																				
	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR		RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB															
901			05			10				15				20				25				30				35				40				45			950

DATA POSITION 951-1000	REPORTING CATEGORIES cont																																				
	READING cont										SCIENCE																										
	KI&D	CRAFT & STRUCTURE					INTEGRATION OF KNOWLEDGE & IDEAS					INTERPRETATION OF DATA					SCIENTIFIC INVESTIGATION					EVAL OF MODELS, INF, & EXP RESULTS															
	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB																
951																																					1050

DATA POSITION 1001-1050	RC	US RANKS (CUMULATIVE PERCENTS)															BLANK																						
	SCI	ACT WRITING (EW & WR) TEST EVENTS BEFORE 09/2015					SCALE SUBSCORES TEST EVENTS BEFORE 09/2016					SCALE SCORES																											
	EVAL	EW		WR			UM	RH	EA	AG	GT	SS	AL	ENGLISH	MATHEMATICS	READING	SCIENCE	COMPOSITE																					
	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB	PE	PP	% CORR	RRLB																						
1001				05				10				15				20				25				30				35				40				45			1050


State Codes (positions 142 – 145)



STATE	NUM	ALPHA
Alabama	01	AL
Alaska	02	AK
Arizona	03	AZ
Arkansas	04	AR
California	05	CA
Colorado	06	CO
Connecticut	07	CT
Delaware	08	DE
D.C.	09	DC
Florida	10	FL
Georgia	11	GA
Hawaii	12	HI
Idaho	13	ID
Illinois	14	IL
Indiana	15	IN
Iowa	16	IA
Kansas	17	KS
Kentucky	18	KY
Louisiana	19	LA
Maine	20	ME
Maryland	21	MD
Massachusetts	22	MA
Michigan	23	MI
Minnesota	24	MN
Mississippi	25	MS
Missouri	26	MO
Montana	27	MT
Nebraska	28	NE
Nevada	29	NV
New Hampshire	30	NH
New Jersey	31	NJ
New Mexico	32	NM
New York	33	NY
North Carolina	34	NC

STATE	NUM	ALPHA
North Dakota	35	ND
Ohio	36	OH
Oklahoma	37	OK
Oregon	38	OR
Pennsylvania	39	PA
Rhode Island	40	RI
South Carolina	41	SC
South Dakota	42	SD
Tennessee	43	TN
Texas	44	TX
Utah	45	UT
Vermont	46	VT
Virginia	47	VA
Washington	48	WA
West Virginia	49	WV
Wisconsin	50	WI
Wyoming	51	WY
Puerto Rico	52	PR
Canada	53	CN
All other	55	FN
Marshall Islands	57	MH
Northern Mariana	58	MP
Micronesia	60	FM
American Samoa	61	AS
Palau	62	PW
Guam	63	GU
Virgin Islands	66	VI
U.S. Military		
Europe	85	AE
Stateside	86	AA
Pacific	87	AP

Field Descriptions

This section provides descriptions for the fields laid out in the previous section of this document. The position and length columns indicate where the field can be found in the record and how many bytes the field covers. The field name and content columns describe the fields and their contents.

NOTE: An arrow () on the left side of the page indicates a change/update to the data, also highlighted in yellow.

Position	Length	Field Name	Field Content
1-2	2	Reporting Year Identifier	19 = 2019-2020
3-162	160	Student Identifying Information	Fields may be blank if data is not available.
3-44	42	Student Name	
3-27	25	Last Name	Special characters are – ‘.
28-43	16	First Name	Special characters are – ‘.
44	1	Middle Initial	
45-84	40	Address	House number/street; PO Box No., etc. Special characters are – ‘. @ # % & () ; ; “ /
85-86	2	Country Code	Two-character alpha abbreviation. Refer to the country code list at www.act.org for response values.
 87	1	Gender (Numeric)	Numeric: 4 = Male; 6 = Female; 7 = Another gender; 8 = Prefer not to respond; – (dash) = Blank
 88	1	Gender (Alpha)	Alpha: M = Male; F = Female; A = Another gender ; P = Prefer not to respond; – (dash) = Blank
89-90	2	Grade Level	07 = 6 th or 7 th 10 = 10 th 13 = H.S. Graduate 08 = 8 th 11 = 11 th 14 = College Student 09 = 9 th 12 = 12 th 15 = Other
91-99	9	ACT ID	May not be available for all records. If available, position 91 will have a dash; blank if unavailable.
100	1	Phone Type	1 = Home; 2 = Cell; 3 = Other
101-106	6	Date of Birth	Reported as MMDDYY. Blank if invalid.
107-116	10	Phone Number	3-digit area code, 7-digit phone number.
117-141	25	City	Special characters are – ‘.
142-143	2	State (Numeric)	Lists a 2-digit numeric and 2-character alpha abbreviation.
144-145	2	State (Alpha)	Refer to the state codes list included in this document.
146-154	9	ZIP Code	ZIP (+ 4 if available)
155-162	8	Expanded Date of Birth	Reported as CCYYMMDD. Blank if a valid DOB was not provided.
163-178	16	Writing Results – test events before 09/2015	For test events before September 2015. Dashes mean writing test could not be scored, student did not receive an English test score, or student did not take the writing test. Blank for test events beginning in September 2015. See positions 791-805 for new writing scores.
163-164	2	Combined English/ Writing (EW) Score	Range is 01-36.
165-166	2	Writing Subscore (WR)	Range is 02-12.
167-170	4	BLANK	Formerly <i>National Norms for ACT Writing (EW & WR) (Cumulative %)</i> , moved to positions 1002-1007.
171-178	8	Comments on Essay	Blank for test events beginning September 2015. Two-digit codes for up to 4 comments if student took the writing test. Range for each comment is 01-99. Text associated with each comment code provided at www.act.org . Comment codes appear from left to right; if fewer than 4 comment codes assigned, unused trailing positions will be blank.

Position	Length	Field Name	Field Content
			If student did not take the writing test, all four codes will be dashes.
179-180	2	BLANK	
181-190	10	Standard Scores <i>– test events before 10/1989</i>	Scores presented as originally reported. Dashes mean test was omitted by student. If any score is set to dashes, Composite score is also set to dashes.
181-182	2	English	Range is 01-33
183-184	2	Mathematics	Range is 01-36
185-186	2	Social Studies	Range is 01-34
187-188	2	Natural Sciences	Range is 01-35
189-190	2	Composite	Range is 01-35
191	1	BLANK	
192-204	13	State-Assigned Student ID Number (13-characters)	If available, reports SASID if Test Location (position 249) = S. SASIDs with less than 13 characters will report with leading zeros. Records with a 10-character number will be left justified with trailing spaces.
205-226	22	High School Information	
205-210	6	High School Code	High school code lists are available from ACT. 999999 = the code provided by the student is invalid. 999998 = the student did not provide a H.S. code. 969998 = the student could not find his/her H.S. code.
211-218	8	High School Grades	Numeric grades provided on 4-point scale with implied decimal and one decimal place for each subject.
211-212	2	<i>English</i>	If the record is from a National test dated September 1997 or after, or is a State test (test location “S”), numeric grades are based on High School Course/Grade Information (see positions 661-690). If the record is from another non-National test or any test before September 1997, numeric grades are as reported by the student for the most recent course taken in each subject area.
213-214	2	<i>Mathematics</i>	
215-216	2	<i>Social Studies</i>	
217-218	2	<i>Natural Sciences</i>	
219	1	BLANK	
220-222	3	High School Average	Numeric average (on 4-point scale) with implied decimal and two decimal places. If blank, field is set to dashes. Average based on the same source data as positions 211-218.
223-226	4	Year of HS Graduation	Intended year of high school graduation; reported as YYYY.
227-249	48	ACT Test Information	
227-232	6	Expanded Test Date	Month and year; reported as CCYYMM.
233-236	4	Test Date	Month and year; reported as MMYYY.
237-248	12	BLANK	
249	1	Test Location	S = State D = DANTES I = Residual (scored by your institution) R = Residual (scored by ACT) Blank = All other test locations
250-259	10	Postal Code/Province	
250-251	2	Canadian Province	Alberta AB Nunavut NU British Columbia BC Ontario ON Manitoba MB Prince Edward Island PE New Brunswick NB Quebec QC Newfoundland and Labrador NL Saskatchewan SK Northwest Territories NT Yukon YT Nova Scotia NS

Position	Length	Field Name	Field Content
252	1	BLANK	
253-259	7	Canadian Postal Code	
260-274	15	ACT Test Information continued	
260	1	Corrected Report Indicator	Field normally blank. R = corrected report due to rescoring by ACT.
261-270	10	Scale Scores	Range is 01-36.
261-262	2	<i>English</i>	A score set to dashes means that test was omitted by the student. If any score is set to dashes, the Composite score is also set to dashes.
263-264	2	<i>Mathematics</i>	Scores reported here for tests taken before October 1989 are estimated from concordance data. If the English or mathematics score originally reported was below 9, estimates are set to dashes. An estimated Composite score is reported if a Composite score was originally reported.
265-266	2	<i>Reading</i>	
267-268	2	<i>Science</i>	
269-270	2	<i>Composite</i>	
271	1	BLANK	
272-274	3	Sum of Scale Scores	Numeric sum of the 4 scale scores. If any score is set to dashes, the sum is also set to dashes. Reported as dashes for estimated scores.
275-278	4	BLANK	
279-302	24	Interest Inventory Standard Scores	The standard score (SS) range is 20-80, or set to dashes. Dashes mean there were too few responses for a valid score.
279-280	2	BLANK	
281-282	2	Science & Technology	
283-284	2	BLANK	
285-286	2	Arts	
287-288	2	BLANK	
289-290	2	Social Services	
291-292	2	BLANK	
293-294	2	Administration & Sales	
295-296	2	BLANK	
297-298	2	Business Operations	
299-300	2	BLANK	
301-302	2	Technical	
303-308	6	World-of-Work Map Regions	Map regions are based on the Interest Inventory results. Valid regions are in sets of two or three. Sets of regions both summarize and extend the Interest Inventory results; regions identify groups of occupations that align with the interest inventory results. The range for each region is 01-12. Results may be inconclusive (99) or missing (--).
309-310	2	BLANK	
311	1	College Choice Number	1 = First 4 = Fourth If Residual testing: 2 = Second 5 = Fifth A = Module A (full ACT program) 3 = Third 6 = Sixth C = Module C (4 tests only) S = Supplemental (Additional Score Request)
312-315	4	BLANK	
316-319	4	College Code	The ACT college code for the report recipient.
320-333	14	Scale Subscores – test events before 09/2016	Ranges are 01-18. A subscore set to dashes means test was omitted by student.
320-321	2	<i>Usage/Mechanics</i>	If test taken before October 1989, field is set to dashes.
322-323	2	<i>Rhetorical Skills</i>	
324-325	2	<i>Elementary Algebra</i>	Blank for test events beginning September 2016.
326-327	2	<i>Algebra/Coord Geom</i>	
328-329	2	<i>Plane Geom/Trig</i>	
330-331	2	<i>Soc Studies/Science</i>	

Position	Length	Field Name	Field Content
332-333	2	Arts/Literature	
334-341	8	BLANK	Formerly <i>National Norms for ACT Scale Subscores</i> , moved to positions 1008-1028.
342-368	27	Institutional Ranks (Cumulative %)	Ranges are 001-100. Dashes if the institution does not participate in ACT Research Services. See also fields 701-789.
342-344	3	Institutional Rank – STEM – beginning 09/2016	If a score is set to dashes, then this field is also set to dashes.
345-347	3	Institutional Rank – ELA – beginning 09/2016	If a score is set to dashes, or the rank is not available, then this field is also set to dashes.
348-368	21	Institutional Ranks – Scale Subscores – test events before 09/2016	Expanded from 2 bytes to 3 bytes. Dashes for test events beginning in September 2016.
348-350	3	Usage/Mechanics	
351-353	3	Rhetorical Skills	
354-356	3	Elementary Algebra	
357-359	3	Algebra/Coord Geom	
360-362	3	Plane Geom/Trig	
363-365	3	Soc Studies/Science	
366-368	3	Arts/Literature	
369-380	12	Interest Inventory – US Ranks (Cumulative %)	Range is 01-99. If Interest Inventory scores are set to dashes, the percentile rank is also set to dashes.
369-370	2	Science & Technology	
371-372	2	Arts	
373-374	2	Social Services	
375-376	2	Administration & Sales	
377-378	2	Business Operations	
379-380	2	Technical	
381-388	8	Local ID Number	Normally blank. Reports Local ID number if used by academic talent search programs.
389-390	2	BLANK	
391-400	10	Predictive Modeling Indices	All data are numeric. Blank if no predictions are made.
391-392	2	Mobility Index	Range is 01-99.
393-394	2	Institution Type Index	Range is 01-99.
395-396	2	Selectivity Index	Range is 00-50 with an implied decimal.
397-398	2	Institution Size Index	Range is 00-40 with an implied decimal.
399-400	2	Interest-Major Fit	Range is 01-99.
401-550	150	Student Profile Section (SPS) – items 1-135*	Refer to the <i>Student Information Booklet</i> at www.act.org for SPS items and response values. Exceptions include 1=Y, 2=N. *For SPS item 62, refer to positions 606-607.
551-600	50	Student Email Address	If provided by the student. Special characters are - _ . / @
601-630	30	Student Profile Section (SPS) – continued	
601-604	4	BLANK	
605	1	EOS Release	1=Y, 2=N
606-607	2	Religious Affiliation	SPS item 62
608-615	8	Race/Ethnicity Background	Student responses to race/ethnicity questions. Reported only if authorized.



Position	Length	Field Name	Field Content
616-630	15	BLANK	
631-690	60	High School Courses /Grade Information	Blank if no response or more than one response from student.
631-660	30	Courses Taken or Planned	1 = Taken 2 = Plan to take before graduation 3 = Not taken and do not plan to take
661-690	30	Grades Earned	4 = A 3 = B 2 = C 1 = D 0 = F
691-700	10	State-Assigned Student ID Number (10-characters)	Reports SASID if Test Location (position 249) = S, if available, and if SASID is 10-characters or less. If less than 10-characters, will have leading zeros.
701-789	89	College Admission Information	<i>For participants in ACT Research Services only. The following fields list institutional ranks and chances of success for enrollment populations.</i>
701-730	30	Institutional Ranks (Cumulative %) – Enrollment Populations	
701-715	15	<i>Student Groups – Composite Score</i>	<i>Expanded from 2 bytes to 3 bytes. Ranges are 001-100.</i>
716-730	15	<i>Specific Courses – Subject Area Scores</i>	
731-750	20	Chance of 'C' or Higher	Ranges are 01-99.
731-740	10	<i>Student Groups</i>	
741-750	10	<i>Specific Courses</i>	
751-770	20	Chance of 'B' or Higher	Ranges are 01-99.
751-760	10	<i>Student Groups</i>	
761-770	10	<i>Specific Courses</i>	
771-782	12	Institutional Ranks (Cumulative %) – Enrollment Populations – Scale Scores	Moved from positions 701-708. Expanded from 2 bytes to 3 bytes. Ranges are 001-100. Former location of <i>National Norms for ACT Scale Scores (Cumulative Percent)</i> which moved to positions 1029-1043.
771-773	3	<i>English</i>	
774-776	3	<i>Mathematics</i>	
777-779	3	<i>Reading</i>	
780-782	3	<i>Science</i>	
783	1	Ranks Type	0 = ACT-Tested Ranks
784-786	3	Institutional Rank (Cumulative %) – Writing Subject Score	Range is 001-100. If the score is set to dashes, or the rank is not available, then this field is also set to dashes.
787-789	3	Institutional Rank (Cumulative %) – Enrollment Populations – Composite	Moved from positions 709-710. Expanded from 2 bytes to 3 bytes. Range is 001-100. If the score is set to dashes, or the rank is not available, then this field is also set to dashes.
790	1	BLANK	
791-805	15	Writing Results – test events beginning 09/2015	<i>For test events beginning September 2015. Scores set to dashes mean the writing test could not be scored. Blank if the student did not take the writing test.</i>
791-792	2	Writing Subject Score (1-36)	For test events beginning in September 2015 and prior to September 2016 (blank for test events beginning in September 2016). Range is 01-36. Score of (--) means writing test could not be scored; student did not take the writing test if blank.
793-795	3	US Rank (Cumulative %) – Writing Subject Score	Formerly located in positions 804-805. Expanded from 2 to 3 bytes. Range is 001-100. If score is set to dashes, the rank for that score is also set to dashes. Based on recent high school students who took the writing test.
796-803	8	Writing Domain Scores	Range is 02-12.

Position	Length	Field Name	Field Content
796-797	2	<i>Ideas & Analysis</i>	
798-799	2	<i>Development & Support</i>	
800-801	2	<i>Organization</i>	
802-803	2	<i>Language Use & Conventions</i>	
804-805	2	Writing Subject Score (2-12)	For test events beginning in September 2016. Range is 02-12. Score of (--) means writing test could not be scored; student did not take the writing test if blank.
806-821	16	Additional Scores & Indicators	For test events beginning in September 2015.
806-807	2	ELA Score (English Language Arts)	Range is 01-36. If the score is set to dashes, student did not receive a score on English, reading, or writing tests.
808-810	3	US Rank (Cumulative %) – ELA	Range is 001-100. If the score is set to dashes, the rank for that score is also set to dashes. Based on recent high school students who took the English, reading, and writing tests.
811-812	2	BLANK	
813-814	2	STEM Score (Science, Technology, Engineering, and Math)	Range is 01-36. If the score is set to dashes, student did not receive a score on the mathematics or the science tests.
815-817	3	US Rank (Cumulative %) – STEM	Range is 001-100. If the score is set to dashes, the rank for that score is also set to dashes. Based on recent high school students who took the mathematics and science tests.
818-819	2	BLANK	
820	1	Understanding Complex Text Indicator (UCTI)	0 = Below proficient 2 = Above proficient 1 = Proficient (-) = Unable to calculate
821	1	Progress Toward Career Readiness Indicator (PTCRI)	Based on Composite score, provides an estimate of students' likely performance on ACT® WorkKeys® National Career Readiness Certificate® (NCRC®). 0 = Unlikely to obtain an NCRC 1 = Likely to obtain a Bronze level NCRC 2 = Likely to obtain a Silver level NCRC 3 = Likely to obtain a Gold level NCRC 4 = Likely to obtain a Platinum level NCRC (New Value) (-) = Unable to calculate (Student does not have a Composite score)

822-1001 180 Reporting Categories

822-851	30	English	Blank if reporting categories are not available.
822-831	10	Production of Writing	
822-823	2	<i>Points Earned</i>	Range is 00-99. If test was not attempted, field will be set to dashes.
824-825	2	<i>Points Possible</i>	Range is 01-99.
826-828	3	<i>% Correct</i>	Range is 000-100. If test was not attempted, field will be set to dashes.
829-831	3	<i>Readiness Range Lower Bound</i>	Range is 000-100.
832-841	10	Knowledge of Language	
832-833	2	<i>Points Earned</i>	Range is 00-99. If test was not attempted, field will be set to dashes.
834-835	2	<i>Points Possible</i>	Range is 01-99.
836-838	3	<i>% Correct</i>	Range is 000-100. If test was not attempted, field will be set to dashes.
839-841	3	<i>Readiness Range</i>	Range is 000-100.

Position	Length	Field Name	Field Content
		<i>Lower Bound</i>	
842-851	10	Conventions of Standard English	
842-843	2	Points Earned	Range is 00-99. If test was not attempted, field will be set to dashes.
844-845	2	Points Possible	Range is 01-99.
846-848	3	% Correct	Range is 000-100. If test was not attempted, field will be set to dashes.
849-851	3	Readiness Range <i>Lower Bound</i>	Range is 000-100.
852-931	80	Mathematics	Blank if reporting categories are not available.
852-861	10	Preparing for Higher Math	
852-853	2	Points Earned	Range is 00-99. If test was not attempted, field will be set to dashes.
854-855	2	Points Possible	Range is 01-99.
856-858	3	% Correct	Range is 000-100. If test was not attempted, field will be set to dashes.
859-861	3	Readiness Range <i>Lower Bound</i>	Range is 000-100.
862-871	10	Number & Quantity	
862-863	2	Points Earned	Range is 00-99. If test was not attempted, field will be set to dashes.
864-865	2	Points Possible	Range is 01-99.
866-868	3	% Correct	Range is 000-100. If test was not attempted, field will be set to dashes.
869-871	3	Readiness Range <i>Lower Bound</i>	Range is 000-100.
872-881	10	Algebra	
872-873	2	Points Earned	Range is 00-99. If test was not attempted, field will be set to dashes.
874-875	2	Points Possible	Range is 01-99.
876-878	3	% Correct	Range is 000-100. If test was not attempted, field will be set to dashes.
879-881	3	Readiness Range <i>Lower Bound</i>	Range is 000-100.
882-891	10	Functions	
882-883	2	Points Earned	Range is 00-99. If test was not attempted, field will be set to dashes.
884-885	2	Points Possible	Range is 01-99.
886-888	3	% Correct	Range is 000-100. If test was not attempted, field will be set to dashes.
889-891	3	Readiness Range <i>Lower Bound</i>	Range is 000-100.
892-901	10	Geometry	
892-893	2	Points Earned	Range is 00-99. If test was not attempted, field will be set to dashes.
894-895	2	Points Possible	Range is 01-99.
896-898	3	% Correct	Range is 000-100. If test was not attempted, field will be set to dashes.
899-901	3	Readiness Range <i>Lower Bound</i>	Range is 000-100.
902-911	10	Statistics & Probability	
902-903	2	Points Earned	Range is 00-99. If test was not attempted, field will be set to dashes.
904-905	2	Points Possible	Range is 01-99.
906-908	3	% Correct	Range is 000-100.

Position	Length	Field Name	Field Content
			<i>If test was not attempted, field will be set to dashes.</i>
909-911	3	Readiness Range Lower Bound	Range is 000-100.
912-921	10	Integrating Essential Skills	
912-913	2	Points Earned	Range is 00-99. <i>If test was not attempted, field will be set to dashes.</i>
914-915	2	Points Possible	Range is 01-99.
916-918	3	% Correct	Range is 000-100. <i>If test was not attempted, field will be set to dashes.</i>
919-921	3	Readiness Range Lower Bound	Range is 000-100.
922-931	10	Modeling	
922-923	2	Points Earned	Range is 00-99. <i>If test was not attempted, field will be set to dashes.</i>
924-925	2	Points Possible	Range is 01-99.
926-928	3	% Correct	Range is 000-100. <i>If test was not attempted, field will be set to dashes.</i>
929-931	3	Readiness Range Lower Bound	Range is 000-100.
932-941	10	BLANK	
942-971	30	Reading	Blank if reporting categories are not available.
942-951	10	Key Ideas & Details	
942-943	2	Points Earned	Range is 00-99. <i>If test was not attempted, field will be set to dashes.</i>
944-945	2	Points Possible	Range is 01-99.
946-948	3	% Correct	Range is 000-100. <i>If test was not attempted, field will be set to dashes.</i>
949-951	3	Readiness Range Lower Bound	Range is 000-100.
952-961	10	Craft & Structure	
952-953	2	Points Earned	Range is 00-99. <i>If test was not attempted, field will be set to dashes.</i>
954-955	2	Points Possible	Range is 01-99.
956-958	3	% Correct	Range is 000-100. <i>If test was not attempted, field will be set to dashes.</i>
959-961	3	Readiness Range Lower Bound	Range is 000-100.
962-971	10	Integration of Knowledge & Ideas	
962-963	2	Points Earned	Range is 00-99. <i>If test was not attempted, field will be set to dashes.</i>
964-965	2	Points Possible	Range is 01-99.
966-968	3	% Correct	Range is 000-100. <i>If test was not attempted, field will be set to dashes.</i>
969-971	3	Readiness Range Lower Bound	Range is 000-100.
972-1001	30	Science	Blank if reporting categories are not available.
972-981	10	Interpretation of Data	
972-973	2	Points Earned	Range is 00-99. <i>If test was not attempted, field will be set to dashes.</i>
974-975	2	Points Possible	Range is 01-99.
976-978	3	% Correct	Range is 000-100. <i>If test was not attempted, field will be set to dashes.</i>
979-981	3	Readiness Range Lower Bound	Range is 000-100.

Position	Length	Field Name	Field Content
982-991	10	Scientific Investigation	
982-983	2	<i>Points Earned</i>	<i>Range is 00-99. If the test was not attempted, the field will be set to dashes.</i>
984-985	2	<i>Points Possible</i>	<i>Range is 01-99.</i>
986-988	3	<i>% Correct</i>	<i>Range is 000-100. If the test was not attempted, the field will be set to dashes.</i>
989-991	3	<i>Readiness Range Lower Bound</i>	<i>Range is 000-100.</i>
992-1001	10	Evaluation of Models, Inferences & Experimental Results	
992-993	2	<i>Points Earned</i>	<i>Range is 00-99. If the test was not attempted, the field will be set to dashes.</i>
994-995	2	<i>Points Possible</i>	<i>Range is 01-99.</i>
996-998	3	<i>% Correct</i>	<i>Range is 000-100. If the test was not attempted, the field will be set to dashes.</i>
999-1001	3	<i>Readiness Range Lower Bound</i>	<i>Range is 000-100.</i>
1002-1043	42	US Ranks (Cumulative %)	Expanded from 2 bytes to 3 bytes; ranges are 001-100. If the score is set to dashes, the rank will be set to dashes. Based on recent high school graduates who tested in grades 10-12.
1002-1007	6	US Ranks (Cumulative %) – Writing (EW & WR) – <i>test events before 9/2015</i>	Moved from positions 167-170. Blank for test events beginning in September 2015.
1008-1028	21	US Ranks (Cumulative %) – Scale Subscores – <i>test events before 9/2016</i>	Moved from positions 334-347. Dashes for test events beginning in September 2016.
1008-1010	3	<i>Usage/Mechanics</i>	
1011-1013	3	<i>Rhetorical Skills</i>	
1014-1016	3	<i>Elementary Algebra</i>	
1017-1019	3	<i>Algebra/Coord Geom</i>	
1020-1022	3	<i>Plane Geom/Trig</i>	
1023-1025	3	<i>Soc Studies/Science</i>	
1026-1028	3	<i>Arts/Literature</i>	
1029-1043	15	US Ranks (Cumulative %) – Scale Scores	Moved from position 773-782.
1029-1031	3	<i>English</i>	
1032-1034	3	<i>Mathematics</i>	
1035-1037	3	<i>Reading</i>	
1038-1040	3	<i>Science</i>	
1041-1043	3	<i>Composite</i>	
1044-1050	7	BLANK	