Electronic Student Record Layout

High Schools

September 2016 – August 2017

ADVANCE COPY

(Includes Changes in June 2016)

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 Service:
319.337.1365 **HS.Reporting@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., National, State). To differentiate records accurately, always use test location (position 249) in addition to the test date (month and year – positions 233-236).

NEW! Indicates that a change was made in **March** 2016.

NEW! Indicates that a change was made in **June** 2016.

NEW! 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:** WinZip password protected.
- **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 original position(s), original field name, and a brief change description. For complete field, position, and description information, see the **Field Description** section of this document.

Global changes:

- National norms are now referred to as "US ranks".
- References to norm(s) have been changed to "rank(s)".

	Position	Field Name	Description
	167-170	National Norms for ACT Writing (EW & WR) (Cumulative Percent)	Expanded from 2 bytes to 3 bytes, moved to positions 1002-1007 leaving 167-170 blank. Field name updated to **US Ranks (Cumulative %) – Writing (EW & WR) - *test events before 9/2015***.
NEW!	237-248	State Ranks (Cumulative %) – Scale Scores	A new 12 byte field for scale score state ranks.
NEW!	275-277	State Rank (Cumulative %) – Composite	A new 3 byte field for the composite score state rank.
	334-347	National Norms for ACT Scale Subscores (Cumulative Percent)	Expanded from 2 bytes to 3 bytes, moved to positions 1008-1028. Field name updated to **US Ranks (Cumulative %) – Scale Subscores – *test events before 9/2016*.**
NEW!	334-336	State Rank (Cumulative %) – STEM	A new 3 byte field for STEM state rank.
NEW!	337-339	State Rank (Cumulative %) – ELA	A new 3 byte field for ELA state rank.

	Position	Field Name	Description
	340-368	BLANK	Formerly part of National Norms for ACT Scale Subscores (Cumulative Percent) and blank bytes.
	773-782	National Norms for ACT Scale Scores (Cumulative Percent)	Expanded from 2 bytes to 3 bytes, moved to positions 1029-1043 leaving 773-782 blank. Field name updated to **US Ranks (Cumulative %) – Scale Scores**.
NEW!	791-792	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.
NEW!	804-805	Writing National Norms (Cumulative Percent)	Expanded from 2 bytes to 3 bytes, moved to positions 793-795. Field name updated to **US Rank (Cumulative %) – Writing Subject Score**.
NEW!	804-805	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.
	808-809	English Language Arts (ELA) National Norms (Cumulative Percent)	Expanded from 2 bytes to 3 bytes, includes positions 808-810. Field name updated to **US Rank (Cumulative %) – ELA.**
	810-812	*formerly blank positions*	Position 810 is now included in the **US Rank (Cumulative %) – ELA** field, leaving positions 811-812 blank.
	815-816	STEM National Norms (Cumulative Percent)	Expanded from 2 bytes to 3 bytes, includes positions 815-817. Field name updated to **US Rank (Cumulative %) – STEM.**
	817-819	*formerly blank positions*	Position 817 is now included in the **US Rank (Cumulative %) – STEM** field, leaving positions 818-819 blank.
NEW!	822-1001	Reporting Categories	New reporting information aligned with college and career readiness standards.
NEW!	1044-1046	State Rank (Cumulative %) – Writing	A new field for the writing score state rank.

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			
		STUDENT NAME			ADDRESS
		LAST NAME	FIRST NAME	MI	
	01	05, 10, 15, 20, 25	30, 35, 40		45, 50

DATA POSITION 51-100	STUDENT IDENTIFYING INFORMATION cont						
	ADDRESS cont	CONTRY CODE	GENDER		GR LVL	ACT ID	PHONE TYPE
			NUM	ALPH			
	51, 55, 60, 65, 70, 75, 80	85			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	STATE-ASSIGNED STUDENT ID NUMBER (13-CHARACTERS)
	ZIP CODE cont	EXPANDED DATE OF BIRTH								EW	WR	BLANK	COMMENTS ON ESSAY		
		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				STATE RANKS (CUM%) – SCALE SCORES				TEST LOC			CN PROV
			E	M	SS	NS				C	C	Y	Y	M	M	M	M	Y	Y	ENGLISH	MATHEMATICS	READING	SCIENCE				
	201	05, 10			15			20	25				30					35			40		45				250

DATA POSITION 251-300	POSTAL CODE/PROVINCE cont			ACT TEST INFORMATION cont								STATE RANK (CUM %) - COMPOSITE	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	
	251		55	60		65			70			75		80			85		90			95		300	

DATA POSITION 301-350	II-SS cont	WORLD-OF-WORK MAP REGIONS			BLANK	SCALE SUBSCORES *TEST EVENTS BEFORE 09/2016*							STATE RANK (CUM %) – STEM	STATE RANK (CUM %) – ELA	BLANK
	TECH (6)														
	SS	1	2	3		UM	RH	EA	AG	GT	SS	AL			
	301		05		10, 15	20		25			30		35		40, 45, 350

DATA POSITION 351-400	BLANK	INTEREST INVENTORY (CUM %) – US RANKS						LOCAL ID NUMBER	BLANK
		S&T	ARTS	SS	A&S	BO	TECH		
	351 … 55 … 60 … 65	70			75		80	85 … 90	95 … 400

DATA POSITION 401-450	STUDENT PROFILE SECTION (SPS)			
	ADMISSIONS/ENROLLMENT INFO	EDUCATIONAL PLANS, INTERESTS, & NEEDS	SPECIAL EDUCATIONAL NEEDS, INTERESTS, & GOALS	COLL EXTRACUR PLANS
	1, 4, 6, 7, 8	MAJOR 11, VOC CH 1 12, 14, 15, 16, 18	19, 20, 21, 22, 23, 25, 26, 27	40, 41, 42, 43, 44
	401 … 05 … 10	15 … 20	25 … 30 … 35 … 40 … 45	450

DATA POSITION 451-500	STUDENT PROFILE SECTION (SPS) cont				
	COLLEGE EXTRACURRICULAR PLANS cont	FINANCIAL AID	BACKGROUND INFO	FACTORS INFLUENCING COLLEGE CHOICE	HS INFORMATION
	46, 47, 48, 50, 51, 52, 53, 55	56, 57, 58, 59	60, 61, 63, 64, 65	66, 67, 68 (1^{ST}, 2^{ND}), 69, 70, 71, 72, 73, 74, 75, 76, 77	78, 79, 81, 82, 83, 84, 85
	451 … 55 … 60	65	70	75 … 80 … 85 … 90	95 … 500

ATA POSITION 501-550	STUDENT PROFILE SECTION (SPS) cont		
	HS INFORMATION cont	HS EXTRACURRICULAR ACTIVITIES	OUT OF CLASS ACCOMPLISHMENTS
	86, 87, 88, 89, 90, 91, 94, 95, 96, 97, 98	99, 100, 101, 102, 103, 105, 106, 107, 109, 110, 111, 112, 114	115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135
	501 … 05 … 10	15 … 20 … 25	30 … 35 … 40 … 45 … 550

DATA POSITION 551-600	BLANK
	551 … 55 … 60 … 65 … 70 … 75 … 80 … 85 … 90 … 95 … 600

DATA POSITION 601-650	STUDENT PROFILE SECTION (SPS) cont				HIGH SCHOOL COURSE/GRADE INFORMATION — COURSES TAKEN OR PLANNED																			
	BLANK	EOS RELEASE	RELIGIOUS AFFILIATION 62	BLANK	ENGLISH 9	ENGLISH 10	ENGLISH 11	ENGLISH 12	OTHER ENGLISH	ALGEBRA 1	ALGEBRA 2	GEOMETRY	TRIGONOMETRY	CALCULUS	OTHER MATH BEYOND ALG 2	COMPUTER	GEN SCIENCE	BIOLOGY	CHEMISTRY	PHYSICS	US HISTORY	WORLD HISTORY	OTHER HISTORY	GOVERNMENT
	601	05		10 … 15 … 20 … 25 … 30					35					40					45					650

DATA POSITION 651-700	HIGH SCHOOL COURSE/GRADE INFORMATION																																								STATE-ASSIGNED STUDENT ID NUMBER (10-CHARACTERS)
	COURSES TAKEN OR PLANNED cont										GRADES EARNED																														
	ECONOMICS	GEOGRAPHY	PSYCHOLOGY	SPANISH	FRENCH	GERMAN	OTHER LANG	ART	MUSIC	DRAMA	ENGLISH 9	ENGLISH 10	ENGLISH 11	ENGLISH 12	OTHER ENGLISH	ALGEBRA 1	ALGEBRA 2	GEOMETRY	TRIGONOMETRY	CALCULUS	OTHER MATH BEYOND ALG 2	COMPUTER	GEN SCIENCE	BIOLOGY	CHEMISTRY	PHYSICS	US HISTORY	WORLD HISTORY	OTHER HISTORY	GOVERNMENT	ECONOMICS	GEOGRAPHY	PSYCHOLOGY	SPANISH	FRENCH	GERMAN	OTHER LANG	ART	MUSIC	DRAMA	
	651				55					60					65					70					75					80					85					90	95 … 700

DATA POSITION 701-750	COLLEGE CHOICES						BLANK
	1ST CHOICE	2ND CHOICE	3RD CHOICE	4TH CHOICE	5TH CHOICE	6TH CHOICE	
	701	05	10	15	20		25 30 35 40 45 750

DATA POSITION 751-800	BLANK	BLANK	RANKS TYPE	BLANK	WRITING RESULTS *TEST EVENTS BEGINNING 09/2015*			
					WR SUBJ SCORE (1-36)	US RANK (CUM %) WR SUBJ SC	DOMAIN SCORES	
							I&A D&S	ORG
	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
	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		
	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			
	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		55		60		65		70		75		80		85		90		95		1000			

DATA POSITION 1001-1050	RC	US RANKS (CUMULATIVE %)														STATE RANK (CUM %) – WRITING	BLANK
	SCI	WRITING (EW & WR) *TEST EVENTS BEFORE 09/2015*		SCALE SUBSCORES *TEST EVENTS BEFORE 09/2016*							SCALE SCORES						
	EVAL																
	RRLB	EW	WR	UM	RH	EA	AG	GT	SS	AL	ENGLISH	MATHEMATICS	READING	SCIENCE	COMPOSITE		
	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	16 = 2016-2017
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; – (dash) = Blank
88	1	Gender (Alpha)	**Alpha:** M = Male; F = Female; – (dash) = Blank
89-90	2	Grade Level	07 = 6th or 7th; 10 = 10th; 13 = H.S. Graduate 08 = 8th; 11 = 11th; 14 = College Student 09 = 9th; 12 = 12th; 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. Refer to the state codes list included in this document.
144-145	2	State (Alpha)	
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 *National Norms for ACT Writing (EW & WR) (Cumulative %)*, 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. If student did not take the writing test, all four codes will be dashes.
179-191	13	BLANK	

Position	Length	Field Name	Field Content
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.
211-218	8	High School Grades	Numeric grades based on High School Course/Grade Information (positions 661-683). Provided on 4-point scale with implied decimal and one decimal place for each subject.
211-212	*2*	*English*	
213-214	*2*	*Mathematics*	
215-216	*2*	*Social Studies*	
217-218	*2*	*Natural Sciences*	
219	1	BLANK	
220-222	3	High School Average	Numeric average based on High School Course/Grade Information (positions 661-683). Provided on 4-point scale with implied decimal and two decimal places. If blank, field is set to dashes.
223-226	4	Year of HS Graduation	Intended year of high school graduation; reported as CCYY.
227-249	**23**	**ACT Test Information** (continued in positions 260-277)	
227-232	6	Expanded Test Date	Month and year; reported as CCYYMM.
233-236	4	Test Date	Month and year; reported as MMYY.
237-248	12	State Ranks (Cumulative %) – Scale Scores	Range is 001-100. If the score is set to dashes, the rank for that score is also set to dashes. Positions formerly blank.
237-239	*3*	*English*	
240-242	*3*	*Mathematics*	
243-245	*3*	*Reading*	
246-248	*3*	*Science*	
249	1	Test Location	**Blank = National Test Center (US or Canada)** **F** = International Test Center (outside the US or Canada) **S** = State **Z** = School **D** = DANTES (military base)
250-259	**10**	**Postal Code/Province**	
250-251	2	Canadian Province	Alberta AB; British Columbia BC; Manitoba MB; New Brunswick NB; Newfoundland and Labrador NL; Northwest Territories NT; Nova Scotia NS; Nunavut NU; Ontario ON; Prince Edward Island PE; Quebec QC; Saskatchewan SK; Yukon YT
252	1	BLANK	
253-259	7	Canadian Postal Code	
260-277	**18**	**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. 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.
261-262	*2*	*English*	
263-264	*2*	*Mathematics*	
265-266	*2*	*Reading*	

Position	Length	Field Name	Field Content
267-268	*2*	*Science*	
269-270	*2*	*Composite*	
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.
275-277	3	State Rank (Cumulative %) – Composite	Range is 001-100. If the score is set to dashes, the rank for that score is also set to dashes. Positions formerly blank.
278	1	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 Service	
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 (--).
309-319	11	BLANK	
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. Blank for test events beginning September 2016.
320-321	*2*	*Usage/Mechanics*	
322-323	*2*	*Rhetorical Skills*	
324-325	*2*	*Elementary Algebra*	
326-327	*2*	*Algebra/Coord Geom*	
328-329	*2*	*Plane Geom/Trig*	
330-331	*2*	*Soc Studies/Science*	
332-333	*2*	*Arts/Literature*	
334-336	3	State Rank (Cumulative %) – STEM	Range is 001-100. If the score is set to dashes, the norm for that score is set to dashes. Former location of *National Norms for ACT Scale Subscores (Cumulative Percent)*. Moved to positions 1008-1028.
337-339	3	State Rank (Cumulative %) – ELA	Range is 001-100. If the score is set to dashes, the norm for that score is set to dashes.
340-368	29	BLANK	
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 Service	
375-376	2	Administration & Sales	
377-378	2	Business Operations	

Position	Length	Field Name	Field Content
379-380	2	Technical	
381-390	10	Local ID Number	School-assigned ID number (used at state's discretion).
391-400	10	BLANK	
401-550	**150**	**Student Profile Section (SPS) – items 1-135***	Refer to the *Student Information Booklet* 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.
551-604	54	BLANK	
605	1	EOS Release	1=Y, 2=N
606-607	2	Religious Affiliation	SPS item 62
608-630	23	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.
701-724	24	College Choices	Up to 6 ACT college codes in order of preference as provided by the student. College codes can be viewed at **www.act.org**.
725-782	58	BLANK	Positions 773-782 formerly displayed *National Norms for ACT Scale Scores (Cumulative Percent)*. Moved to positions 1029-1043.
783	1	Ranks Type	0 = ACT-Tested Ranks
784-790	7	BLANK	
791-805	**15**	**Writing Results** *– test events beginning 09/2015*	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.
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	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 writing test. Positions formerly blank.
796-803	8	Writing Domain Scores	Range is 02-12.
796-797	*2*	*Ideas & Analysis*	
798-799	*2*	*Development & Support*	
800-801	*2*	*Organization*	
802-803	*2*	*Language Use & Conventions*	
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.

Position	Length	Field Name	Field Content
			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 early estimate of future achievement on ACT National Career Readiness Certificate (ACT NCRC®). 0 = Insufficient progress toward an NCRC level 1 = Progress toward Bronze level NCRC 2 = Progress toward Silver level NCRC 3 = Progress toward Gold level NCRC (-) = Unable to calculate
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*	*Points Earned*	*Range is 00-99.* *If test was not attempted, field will be set to dashes.*
824-825	*2*	*Points Possible*	*Range is 01-99.*
826-828	*3*	*% Correct*	*Range is 000-100.* *If test was not attempted, field will be set to dashes.*
829-831	*3*	*Readiness Range Lower Bound*	*Range is 000-100.*
832-841	10	Knowledge of Language	
832-833	*2*	*Points Earned*	*Range is 00-99.* *If test was not attempted, field will be set to dashes.*
834-835	*2*	*Points Possible*	*Range is 01-99.*
836-838	*3*	*% Correct*	*Range is 000-100.* *If test was not attempted, field will be set to dashes.*
839-841	*3*	*Readiness Range Lower Bound*	*Range is 000-100.*
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 Lower Bound*	*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.*

Position	Length	Field Name	Field Content
			If test was not attempted, field will be set to dashes.
859-861	*3*	*Readiness Range Lower Bound*	*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 Lower Bound*	*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 Lower Bound*	*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 Lower Bound*	*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 Lower Bound*	*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.* *If test was not attempted, field will be set to dashes.*
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.* *If test was not attempted, field will be set to dashes.*
914-915	*2*	*Points Possible*	*Range is 01-99.*
916-918	*3*	*% Correct*	*Range is 000-100.* *If test was not attempted, field will be set to dashes.*
919-921	*3*	*Readiness Range Lower Bound*	*Range is 000-100.*
922-931	10	Modeling	
922-923	*2*	*Points Earned*	*Range is 00-99.* *If test was not attempted, field will be set to dashes.*
924-925	*2*	*Points Possible*	*Range is 01-99.*

Position	Length	Field Name	Field Content
926-928	*3*	*% Correct*	*Range is 000-100.* *If test was not attempted, field will be set to dashes.*
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.* *If test was not attempted, field will be set to dashes.*
944-945	*2*	*Points Possible*	*Range is 01-99.*
946-948	*3*	*% Correct*	*Range is 000-100.* *If test was not attempted, field will be set to dashes.*
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.* *If test was not attempted, field will be set to dashes.*
954-955	*2*	*Points Possible*	*Range is 01-99.*
956-958	*3*	*% Correct*	*Range is 000-100.* *If test was not attempted, field will be set to dashes.*
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.* *If test was not attempted, field will be set to dashes.*
964-965	*2*	*Points Possible*	*Range is 01-99.*
966-968	*3*	*% Correct*	*Range is 000-100.* *If test was not attempted, field will be set to dashes.*
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.* *If test was not attempted, field will be set to dashes.*
974-975	*2*	*Points Possible*	*Range is 01-99.*
976-978	*3*	*% Correct*	*Range is 000-100.* *If test was not attempted, field will be set to dashes.*
979-981	*3*	*Readiness Range Lower Bound*	*Range is 000-100.*
982-991	10	Scientific Investigation	
982-983	*2*	*Points Earned*	*Range is 00-99.* *If the test was not attempted, the field will be set to dashes.*
984-985	*2*	*Points Possible*	*Range is 01-99.*
986-988	*3*	*% Correct*	*Range is 000-100.* *If the test was not attempted, the field will be set to dashes.*
989-991	*3*	*Readiness Range Lower Bound*	*Range is 000-100.*
992-1001	10	Evaluation of Models, Inferences & Experimental Results	
992-993	*2*	*Points Earned*	*Range is 00-99.* *If the test was not attempted, the field will be set to dashes.*
994-995	*2*	*Points Possible*	*Range is 01-99.*
996-998	*3*	*% Correct*	*Range is 000-100.* *If the test was not attempted, the field will be set to dashes.*
999-1001	*3*	*Readiness Range*	*Range is 000-100.*

Position	Length	Field Name	Field Content
		Lower Bound	
1002-1046	**45**	**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) – *test events before 9/2015*	Moved from positions 167-170. Blank for test events beginning in September 2015.
1008-1028	21	US Ranks (Cumulative %) – Scale Subscores – *test events before 9/2016*	Moved from positions 334-347. Blank for test events beginning in September 2016.
1008-1010	*3*	*Usage/Mechanics*	
1011-1013	*3*	*Rhetorical Skills*	
1014-1016	*3*	*Elementary Algebra*	
1017-1019	*3*	*Algebra/Coord Geom*	
1020-1022	*3*	*Plane Geom/Trig*	
1023-1025	*3*	*Soc Studies/Science*	
1026-1028	*3*	*Arts/Literature*	
1029-1043	15	US Ranks (Cumulative %) – Scale Scores	Moved from positions 773-782.
1029-1031	*3*	*English*	
1032-1034	*3*	*Mathematics*	
1035-1037	*3*	*Reading*	
1038-1040	*3*	*Science*	
1041-1043	*3*	*Composite*	
1044-1046	3	State Rank (Cumulative %) – Writing	Range is 001-100. If the score is set to dashes, or the rank is not available, then the state rank is also set to dashes.
1047-1050	4	BLANK	

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