



**THE ACT[®] ELECTRONIC
STUDENT RECORD
COLORADO TESTING
APRIL/MAY 2016**

NOTIFICATIONS

New or modified fields are denoted by “→” in the left-hand column.

ACT ID (positions 91-99)

ACT no longer reports Social Security Number. Only an ACT ID will populate this field. If an ACT ID is not available, this field will be blank.

Filler (positions 163-178)

ACT Writing Results have moved to positions 791-805.

Test Location (positions 249-249)

State-allowed accommodations changed to non-college reportable accommodations.

State Test Day Indicator (positions 310-310)

New values of C = Tested Online, D = Online with accommodations

Filler (positions 691-700)

10 digit State-Assigned Student ID Number field was removed.

ACT Writing Results (positions 791-805)

For test events beginning in September 2015, ACT Writing Results reported in new fields.

Additional Scores and Indicators (positions 806-821)

New fields for Additional Scores and Indicators.

Filler (positions 822-1050)

Record layout expanded to 1050 bytes.

The *Student Information Booklet* referred to in the Student Profile Section of the layout (positions 401-550) can be found on ACT's website: <http://www.act.org/aap/pdf/ACT-StudentInfoBooklet.pdf>

ACT Record Description

Position		Length	Field Name	Field Content
Start	End			
1	2	2	Reporting Year Identifier	15 = 2015-2016
3	154	152	Student Identifying Information	
3	27	25	Student Last Name	Special characters are - ' .
28	43	16	Student First Name	Special characters are - ' .
44	44	1	Student Middle Initial	
45	84	40	Street Address	Special characters are - ' . @ # % & () : ; " /
85	86	2	Filler	
87	87	1	Gender (Numeric)	4 = Male; 6 = Female; ' - ' = Blank
88	88	1	Gender (Alpha)	M = Male; F = Female; ' - ' = Blank
89	90	2	Grade Level	11 (default) Voucher records may have other values.
→ 91	99	9	ACT ID (if available)	ACT ID has a dash (-) in position 91. ACT ID will not be available for all records. If no ACT ID is available, this field will be blank.
100	100	1	Telephone Type	1 = Home; 2 = Cell; 3 = Other
101	106	6	Date of Birth	Formatted as MMDDYY
107	116	10	Telephone Number	3-digit area code; 7-digit phone number
117	141	25	Mail City	Special characters are - ' .
142	143	2	Mail State (Numeric)	06 = Colorado
144	145	2	Mail State (Alpha)	CO = Colorado
146	154	9	ZIP Code	ZIP (ZIP + 4 if available)
→ 155	191	37	Filler	
192	204	13	State-Assigned Student ID Number	If the state-assigned student ID number is fewer than 13 characters in length, it will be reported in this field with lead zeroes. Blank for Voucher records.
205	226	22	High School Information	
205	210	6	ACT H.S. Code	Will be a valid code. Voucher records may be blank or invalid.
211	218	8	H.S. Grades	Numeric grades (on 4-point scale) with implied decimal and one decimal place. Numeric grades are based on High School Course/Grade Information (see positions 661-683).
211	212	2	English	
213	214	2	Mathematics	
215	216	2	Social Studies	
217	218	2	Natural Sciences	
219	219	1	Filler	
220	222	3	H.S. Average	Numeric average (on 4-point scale) with implied decimal and two decimal places. Average based on High School Course/Grade Information (positions 661-683); '---' means too few H.S. Grades to calculate.
223	226	4	Year of H.S. Graduation	2017 (default) Voucher records may have other values.
227	232	6	Filler	
233	380	148	ACT Test Information	
233	236	4	Test Date (Month and Year)	Formatted as MMY (e.g., 0416 for April 2016, 0516 for May 2016)
237	248	12	Filler	

ACT Record Description

	Position		Length	Field Name	Field Content
	Start	End			
→	249	249	1	Test Location	<p>State Testing records: S = State M = State-allowed accommodations/non-college reportable accommodations Test location 'S' identifies college-reportable scores, unless a misadministration or prohibited behavior is indicated (State Use Question 10 = 'H' or 'L').</p> <p>Voucher records: Blank = National Z = School</p>
	250	260	11	Filler	
	261	270	10	ACT Scale Scores	Range for each score is 01-36. A score of '--' means that test was omitted by student or was not scored. If any score is '--', the Composite score is set to '--'.
	261	262	2	English	
	263	264	2	Mathematics	
	265	266	2	Reading	
	267	268	2	Science	
	269	270	2	Composite	
	271	271	1	Filler	
	272	274	3	Sum of Scale Scores	Numeric sum of the 4 scale scores. If any score is '--', the sum is set to '---'.
	275	278	4	Filler	
	279	302	24	Interest Inventory Standard Scores	Standard score range is 20 to 80 or '--'. Absence of scores ('--') means too few responses for valid score.
	279	280	2	Filler	
	281	282	2	Science	
	283	284	2	Filler	
	285	286	2	Arts	
	287	288	2	Filler	
	289	290	2	Social Service	
	291	292	2	Filler	
	293	294	2	Business Contact	
	295	296	2	Filler	
	297	298	2	Business Operations	
	299	300	2	Filler	
	301	302	2	Technical	
	303	308	6	World-of-Work Map Regions	Up to 3 regions; based on Interest Inventory scores; range for each is 01-12, or 99 (scores inconclusive), or '--' (scores missing).
	309	309	1	Barcode Indicator	<p>0 = No label 1 = Valid label; barcode matches demographic overlay file 2 = Valid label; barcode does not match demographic overlay file 3 = Invalid or unreadable label 4 = Valid label; barcode matches demographic overlay file but name conflicts</p> <p>Space for key-entered (not scanned) records or Voucher records.</p>

ACT Record Description

→	Position		Length	Field Name	Field Content
	Start	End			
	310	310	1	State Test Day Indicator	I = Initial test date M = Makeup test date A = Accommodations window C = Tested Online D = Online with accommodations Space for Voucher records.
	311	319	9	Filler	
	320	333	14	ACT Scale Subscores	Range for each subscore is 01-18. A subscore of '--' means test was omitted by student or was not scored.
	320	321	2	Usage/Mechanics	
	322	323	2	Rhetorical Skills	
	324	325	2	Elementary Algebra	
	326	327	2	Algebra/Coordinate Geometry	
	328	329	2	Plane Geometry/ Trigonometry	
	330	331	2	Social Studies/Science	
	332	333	2	Arts/Literature	
	334	347	14	National Norms for ACT Scale Subscores (Cumulative Percent)	Based on recent high school graduates who took the ACT in grades 10-12. Range is 01-99. If subscore is '--', norm for that score is set to '--'.
	348	368	21	Filler	
	369	380	12	Interest Inventory Percentile Ranks	Range is 01-99. If Interest Inventory standard score is '--', percentile rank is also '--'.
	369	370	2	Science	
	371	372	2	Arts	
	373	374	2	Social Service	
	375	376	2	Business Contact	
	377	378	2	Business Operations	
	379	380	2	Technical	
	381	390	10	Local ID Number	School-assigned ID number (used at state's discretion) Spaces for Voucher records.
	391	400	10	Filler	
	401	550	150	Student Profile Section (SPS)	Refer to the <i>Student Information Booklet</i> for SPS items and response values. Values are the same as in the booklet except: 1=Y, 2=N.
	401	405	5	SPS Items 1 and 4 (1 byte per item)	Items not collected for all records: 2, 3, 5
	406	406	1	SPS Item 6: Citizenship Status	Collected from block G on both the State answer folder and National registration folder.
	407	407	1	SPS Item 7: Legal Resident	Collected from block Q on the State answer folder and block T on the National registration folder.
	408	408	1	SPS Item 8	Not collected for state.
	409	410	2	Filler	SPS Items 9-10 are not collected.
	411	413	3	SPS Item 11	
	414	416	3	SPS Item 12	
	417	419	3	Filler	SPS Item 13 is not collected.

ACT Record Description

Position		Length	Field Name	Field Content
Start	End			
420	470	51	SPS Items 14-64 (1 byte per item)	SPS Item 62 has been moved to positions 606-607. SPS Item 64 (pos. 470) is converted as follows: 1=Y; 2=N; 0 (zero) = O (I prefer not to respond). Items not collected for all records: 17, 24, 28-39, 45, 49, 54 Items not collected for state: 25-27
471	471	1	SPS Item 65: Race/Ethnicity Background	Federal reporting value derived from student responses to Hispanic/Latino (position 608) and Race (positions 609-615) background.
472	473	2	SPS Items 66-67 (1 byte per item)	
474	477	4	SPS Item 68 (2 bytes per preference state)	State testing records include only one state in pos. 474-475. Voucher records may include up to two states in pos. 474-477.
478	483	6	Filler	
484	550	67	SPS Items 69-135 (1 byte per item)	Items not collected for all records: 80, 92, 93, 104, 108, 113 Items not collected for state: 115-135
551	604	54	Filler	
605	605	1	EOS Release	1=Yes; 2=No
606	607	2	SPS Item 62: Religious Affiliation	
608	608	1	Race/Ethnicity Background: Hispanic/Latino	Collected from block F on both the State answer folder and National registration folder. 1 = Yes; 2 = No; 3 = Prefer not to respond
609	615	7	Race/Ethnicity Background: Race	Collected from block F on both the State answer folder and National registration folder. More than one value possible. 1 = American Indian/Alaska Native 2 = Asian 3 = Black/African American 4 = Native Hawaiian/Other Pacific Islander 5 = White 6 = Prefer not to respond
616	630	15	State Use Questions	Responses to state-specific questions 1, 3-13. State use question 10 (pos. 625) indicates: H = Misadministration L = Prohibited Behavior K = Record with no scores and tested status not provided Multiple Choice Score Indicator (pos. 771) also indicates the misadministration decision. Spaces for Voucher records. See ACT Answer Document Supplement for details.
631	690	60	High School Course/Grade Information	

ACT Record Description

Position		Length	Field Name	Field Content
Start	End			
631	660	30	Courses Taken or Planned	Refer to the <i>Student Information Booklet</i> for specific courses. 1 = Taken 2 = Plan to take before graduation 3 = Not taken and do not plan to take Blank = No response or more than one response
631	635	5	English Courses	
636	642	7	Mathematics Courses	
643	646	4	Natural Sciences Courses	
647	653	7	Social Studies Courses	
654	657	4	Languages Courses	Voucher records only.
658	660	3	Arts Courses	Voucher records only.
661	690	30	Grades Earned	4 = A; 3 = B; 2 = C; 1 = D; 0 = F
661	665	5	English Grades	
666	672	7	Mathematics Grades	
673	676	4	Natural Sciences Grades	
677	683	7	Social Studies Grades	
684	687	4	Languages Grades	Voucher records only.
688	690	3	Arts Grades	Voucher records only.
691	700	10	Filler	
701	724	24	College Choices	ACT college codes in order of preference by the student (up to 4 college codes gridded on the answer folder for State testing; up to 6 college codes provided for Voucher records). 5555 = currently do not plan to go to college College code look-up available at: www.actstudent.org/scores/scodes.html .
701	704	4	1st Choice	
705	708	4	2nd Choice	
709	712	4	3rd Choice	
713	716	4	4th Choice	
717	720	4	5th Choice	Voucher records only.
721	724	4	6th Choice	Voucher records only.
725	760	36	State or District Supplied Student Information	These fields will be populated only if a) the state or district supplied values for these fields and b) the student's test content is able to be matched to the information supplied by the state (via their Demographic Overlay file) or the district (via their PreID file).
725	740	16	State or District Supplied Student Last Name	Special characters are –'
741	752	12	State or District Supplied Student First Name	Special characters are –'
753	753	1	State or District Supplied Middle Initial	
754	754	1	State or District Supplied Gender	1 = Male, 2 = Female
755	760	6	State or District Supplied Date of Birth	Formatted as MMDDYY
761	770	10	Filler	

ACT Record Description

Position		Length	Field Name	Field Content
Start	End			
771	771	1	Multiple Choice Score Indicator	Decision regarding multiple choice portion of test administration. N = No scores: Multiple choice scores cancelled. R = Reinstated: Multiple choice scores reinstated after being cancelled.
772	772	1	Writing Score Indicator	Not applicable.
773	782	10	National Norms for ACT Scale Scores (Cumulative Percent)	Based on recent high school graduates who took the ACT in grades 10-12. Range is 01-99. If score is '--', norm for that score is set to '--'.
773	774	2	English	
775	776	2	Mathematics	
777	778	2	Reading	
779	780	2	Science	
781	782	2	Composite	
783	790	8	Filler	
→	791	805	15 ACT Writing Results	For test events occurring in September 2015 and later
→	791	792	Writing Subject Score	For test events beginning in September 2015. 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 Filler	
→	796	797	2 Writing Domain Score: Ideas and Analysis	For test events beginning in September 2015. Range is 02–12. Domain score of (--) means Writing Test could not be scored; student did not take the Writing Test if blank.
→	798	799	2 Writing Domain Score: Development and Support	For test events beginning in September 2015. Range is 02–12. Domain score of (--) means Writing Test could not be scored; student did not take the Writing Test if blank.
→	800	801	2 Writing Domain Score: Organization	For test events beginning in September 2015. Range is 02–12. Domain score of (--) means Writing Test could not be scored; student did not take the Writing Test if blank.
→	802	803	2 Writing Domain Score: Language Use and Conventions	For test events beginning in September 2015. Range is 02–12. Domain score of (--) means Writing Test could not be scored; student did not take the Writing Test if blank.
→	804	805	2 Writing National Norms (Cumulative Percent)	Based on recent high school students who took the ACT Writing test. Range is 01-99. If score is (--), norm for that score is set to (--).
→	806	821	16 Additional Scores and Indicators	For test events occurring in September 2015 and later.
→	806	807	2 English Language Arts (ELA) Score	Range is 01-36. Score of (--) means student did not receive a score on English Test, Reading Test or Writing Test.
→	808	809	2 English Language Arts (ELA) National Norms (Cumulative Percent)	Based on recent high school students who took the ACT Writing test, English test and Reading test. Range is 01-99. If score is (--), norm for that score is set to (--).
→	810	812	3 Filler	
→	813	814	2 STEM Score	Range is 01-36. Score of (--) means student did not receive a score on Math Test or Science Test.

ACT Record Description

		Position		Length	Field Name	Field Content
Start	End					
→	815	816		2	STEM National Norms (Cumulative Percent)	Based on recent high school students who took the ACT Science test and Math test. Range is 01-99. If score is (--), norm for that score is set to (--).
→	817	819		3	Filler	
→	820	820		1	Understanding Complex Text Indicator	0 = Below proficient 1 = Proficient 2 = Above proficient (-) = Unable to calculate
→	821	821		1	Progress Toward Career Readiness Indicator	0 = Progress needs improvement 1 = Progress toward Bronze level NCRC 2 = Progress toward Silver level NCRC 3 = Progress toward Gold level NCRC (-) = Unable to calculate
→	822	1050		229	Filler	
	1051	1054		4	Colorado High School Code	
	1055	1055		1	Filler	
	1056	1059		4	Colorado District Code	
	1060	1060		1	Filler	
	1061	1066		6	ACT District Code	
	1067	1067		1	Filler	
	1068	1075		8	Sequence Number	



THE ACT[®] ELECTRONIC STUDENT RECORD

		Student Identifying Information																																																																																																
Reporting Year	1	Student Last Name					Student First Name					MI	Street Address					Filler	Gender	Grade Level	Social Security Number or ACT ID	Phone Type																																																																												
		2	3	4	5	6	7	8	9	10	11		12	13	14	15	16						17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92

Student Identifying Information										ACT Writing Results																																																																																									
Date of Birth			Telephone Number			City				State		Zip Code +4		Filler	Scores		National Norms		Comments on Essay	Filler	State-Assigned Student ID Number (13 characters)																																																																														
MM	DD	YY	Area Code	Phone Number						N	A				EW	WR	EW	WR																																																																																	
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200

High School Information										ACT Test Information																																																																																									
State-Assigned Student ID Number (13 characters) (cont.)	ACT H.S. Code		H.S. Grades				H.S. Average	Year of H.S. Graduation	Filler	Test Date		Test Location	Filler	ACT Scale Scores					Sum of Scale Scores	Filler	Interest Inventory Standard Scores																																																																														
	E	M	S	Z	Filler	MM				YY	F			M	R	S	C	Filler			Science	Filler	Arts	Filler	Social Service	Filler	Business Contact	Filler	Business Operations	Filler																																																																					
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300

ACT Test Information										Interest Inventory Percentile Ranks																																																																																									
Int. Inv. (cont.)	World of Work Map Regions	ACT Scale Subscores					National Norms for ACT Scale Subscores					Filler	Interest Inventory Percentile Ranks					Local ID	Filler																																																																																
																				Technical	1	2	3	Barcode Indicator	Test Day Indicator	UM	RH	EA	AG	GT	SS	AL	UM	RH	EA	AG	GT	SS	AL	Science	Arts	Social Service	Business Contact	Business Operations	Technical																																																						
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400



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Filler
901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

Filler	CO High School Code	Filler	CO District Code	Filler	ACT District Code	Filler	Sequence Number
1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075							