

# PreACT®

## Student Record Layout

**Record Length = 1,200 characters**

All alphabetical characters in  
upper case only.

Data provided in both fixed-length and  
comma-separated text formats.

PreACT Customer Care  
CustomerServices@act.org  
877.789.2925



# Student Record Layout

DATA	PROCESS NUMBER	STUDENT SITE CODE	DISTRICT CODE	STATE CODE	GROUP CODE	STATE CODE	GROUP CODE	CYCLE	TEST SITE CODE	BLANK	STUDENT NAME	BLANK									
LOCATION 1-100											FIRST	MIDDLE									
	01	06	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

DATA	DOC. ID	DATE OF BIRTH	RACE/ETHNICITY	BLANK	REPORTING GRADE	TEST DATE	SCHOOL HEADER GRADE	BLANK	PUB./PRIV. STU. GRADE	BLANK	TEST SCALE SCORES	TEST SCALE SCORES	SUBTEST RAW SCORES	BLANK	SCALE SCORE RANGE																									
LOCATION 201-300											ENGLISH	MATH	READING	SCIENCE	COMPOSITE	STEM	PROD WRITING	KNOW LANG	CONV STD ENG	PREP HIGH MATH	NUM QUANTITY	ALGEBRA	FUNCTIONS	GEOMETRY	STATISTICS	INTEGRATING	MODELING	KEY IDEAS	CRAFT STRUCT	INT KNOWLEDGE	INTERP DATA	SCI INVEST	EVAL MODELS	ENGLISH LOW	ENGLISH HIGH					
	106	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300

DATA	PREACT SCORE RANGES (continued)	BLANK	PREDICTED ACT SCALE SCORE RANGES	NATIONAL NORMS	BLANK	ACTIVITY DURING HIGH SCHOOL														
LOCATION 201-300						(see description)														
	206	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300

DATA	ACTIVITIES (cont.)	COLLEGE OUTREACH HOURS WORKED	CAREER CHOICE	RELIGIOUS PREF	EOS RELEASE	ENGLISH	MATH	READING	SCIENCE	POST H.S.	WRTING	COMPOSITE HIGH	COMPOSITE LOW	STEM HIGH	STEM LOW	COMPOSITE HIGH	COMPOSITE LOW	STEM HIGH	STEM LOW	COMPOSITE HIGH	COMPOSITE LOW	ENGLISH	MATH	READING	SCIENCE	COMPOSITE	STEM	LANGUAGE HS STUDY	MOTHERS ED	FATHERS ED	ACTIVITIES DURING HIGH SCHOOL									
LOCATION 301-400																																								
	306	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500

DATA	INTEREST INVENTORY ITEMS (continued)	CAREER MAP REGIONS	UNIACT STANINES	UNIACT STANDARD SCORES	UNIACT PERCENTILES	COURSE/GRADE INFORMATION														
LOCATION 401-500																				
	406	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500

DATA	TRIG. (continued)	CALC. HS GPA	OVERALL	INTEREST CAREER FIT	OTHER LANG	SPANISH	FRENCH	GERMAN	TOTAL NAT. SCI.	OTHER NAT. SCI.	ANATOMY/PHYS	PHYSICS	CHEMISTRY 2	CHEMISTRY 1	BIOLOGY 2	BIOLOGY 1	PHYSICAL SCI.	TOTAL S.S.	OTHER S.S.	OTHER S.S.	SOCIOLOGY	PSYCHOLOGY	ECONOMICS	GEOGRAPHY	GLOBAL STUD.	GOV./CIVICS	US HISTORY	WORLD HIST	TOTAL MATH	INT. MATH 12	INT. MATH 11	INT. MATH 10	INT. MATH 9	OTHER ADV. MATH	OTHER ADV. MATH	CALCULUS	PRE-CALCULUS			
LOCATION 501-600																																								
	506	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700



## PreACT Student Record Layout Description

Please note: A single asterisk "\*" indicates a double grid

LOCATION	FIELD NAME	FIELD CONTENT
1-8	<b>Process Number</b>	ACT scoring batch number
9-14	<b>Student Attended Site Code</b>	6-digit ACT-SAT code; from School Header if testing at own school; from block L if not testing at own school
15-20	<b>District Code</b>	Unique code assigned by ACT
21-22	<b>State Code</b>	2-digit state code assigned by ACT; see State Codes on page 9
23-25	<b>Group Code</b>	
26-28	<b>Sort Code</b>	Optional local code entered in block M of answer folder
29-31	<b>Cycle</b>	Processing cycle assigned by ACT
32	<b>Equating Flag</b>	1 if administered in equating study; otherwise blank
33	<b>Testing at Your Own School</b>	Y/N
34-39	<b>Test Site Code</b>	6-digit ACT-SAT code; from School Header
44-85	<b>Student Name</b>	
44-68		Last Name
69-84		First Name
85		Middle Initial
107-109	<b>Doc ID</b>	Document type assigned by ACT
110-117	<b>Date of Birth</b>	yyyymmdd
118	<b>Gender</b>	M = Male F = Female A = Another Gender P = Prefer not to respond
119	<b>Race/Ethnicity</b>	1 = Black/African American 2 = American Indian/Alaska Native 3 = White 4 = Hispanic/Latino 5 = Asian 6 = Native Hawaiian/Other Pacific Islander 7 = Two or more races 8 = I prefer not to respond
130-131	<b>Reporting Grade</b>	08/below-12/other, system derived grade used in reporting
132-139	<b>Test Date</b>	yyyymmdd
140-141	<b>School Header Grade</b>	08/below-12/other, as recorded by test coordinator in Block D of school header
145	<b>Public/Private</b>	Type of school: 1 = Public; 2 = Private
146-147	<b>Student Grid Grade</b>	08/below-12/other, as recorded by student in Block J of answer folder or Pre-ID
150-161	<b>Test Scale Scores</b>	01-35 *** = test voided by administrator -- = test not attempted
150-151	English	
152-153	Mathematics	
154-155	Reading	
156-157	Science	
158-159	Composite	
160-161	STEM	
162-195	<b>Subtest Raw Scores</b>	*** = test voided by administrator -- = test not attempted
162-163	Production of Writing	
164-165	Knowledge of Language	
166-167	Conventions of Standard English	
168-169	Preparing for Higher Math	
170-171	Number & Quantity	
172-173	Algebra	
174-175	Functions	
176-177	Geometry	
178-179	Statistics & Probability	
180-181	Integrating Essential Skills	
182-183	Modeling	
184-185	Key Ideas & Details	
186-187	Craft & Structure	
188-189	Integration of Knowledge & Ideas	

(continued on next page)

## PreACT Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
190–191	Interpretation of Data	
192–193	Scientific Investigation	
194–195	Evaluation of Models, Inferences & Experimental Results	
<b>198–221</b>	<b>PreACT Scale Score Range</b>	01–35
198–199	PreACT English Low	"-" = test not attempted
200–201	PreACT English High	"**" = test voided by administrator
202–203	PreACT Math Low	
204–205	PreACT Math High	
206–207	PreACT Reading Low	
208–209	PreACT Reading High	
210–211	PreACT Science Low	
212–213	PreACT Science High	
214–215	PreACT Composite Low	
216–217	PreACT Composite High	
218–219	PreACT STEM Low	
220–221	PreACT STEM High	
<b>230–253</b>	<b>Predicted ACT Scale Score Range for English, Math, Reading, Science, Composite, &amp; STEM</b>	01–36
230–231	Pred. ACT English Low	"-" = test not attempted
232–233	Pred. ACT English High	"**" = test voided by administrator
234–235	Pred. ACT Math Low	
236–237	Pred. ACT Math High	
238–239	Pred. ACT Reading Low	
240–241	Pred. ACT Reading High	
242–243	Pred. ACT Science Low	
244–245	Pred. ACT Science High	
246–247	Pred. ACT Composite Low	
248–249	Pred. ACT Composite High	
250–251	Pred. ACT STEM Low	
252–253	Pred. ACT STEM High	
<b>254–271</b>	<b>National Norms</b>	001–100
254–256	English	"-" = test not attempted
257–259	Mathematics	
260–262	Reading	
263–265	Science	
266–268	Composite	
269–271	STEM	
<b>280–283</b>	<b>Plans and Background</b>	
280	Language	A = English B = A language other than English C = English and another language about the same D = Prefer not to respond
281	High School Study	A = College prep B = Other (career/technical, other)
<b>282–283</b>	<b>Highest Ed Level of Parent/Guardian</b>	A = Did not complete high school
282	Highest Ed Level of Mother/Guardian 1	B = High school diploma or equivalent
283	Highest Ed Level of Father/Guardian 2	C = Career/technical training such as military, apprenticeship, certificate program, etc. D = Some college, but no degree E = 2-year college degree (associate's) F = 4-year college degree (bachelor's) G = Some education or degree above a 4-year college degree H = I don't know
<b>284–303</b>	<b>Activity Participation During High School</b>	
284	Instrumental music	1 = selected by examinee
285	Vocal music	blank = not selected by examinee
286	Publications	
287	Speech/public speaking/debate	
288	Art-related	

(continued on next page)

## PreACT Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
289	Dramatics, theater	
290	Varsity athletic	
291	Science-related	
292	Academic honors organizations	
293	Cheerleading/school spirit	
294	Community service/involvement	
295	Ethnic organization	
296	Foreign exchange or study abroad	
297	Political organization	
298	Radio/TV	
299	Religious organization	
300	ROTC	
301	Social club or fraternity/sorority	
302	Student government	
303	Not currently participating in any of these activities	
<b>304</b>	<b>Participation in College Outreach</b>	Y/N
<b>305</b>	<b>Hours Worked</b>	A = None B = 1–5 hours per week C = 6–10 hours per week D = 11–15 hours per week E = 16–20 hours per week F = more than 20 hours per week
<b>306</b>	<b>Educational Plans after High School</b>	A = Not planning to complete high school B = No education or other training planned for after high school C = Job-related training offered through military service D = Apprenticeship or other on-the-job training E = Career/technical school F = 2-year community college or junior college G = 4-year college or university H = Graduate or professional studies after a 4-year degree I = Undecided about future educational plans J = Other
<b>307</b>	<b>Career Choice</b>	See Career Clusters and Career Areas, page 10
<b>308–309</b>	<b>Religious Preference</b>	See <i>PreACT Instructions for Completing Your Answer Folder</i>
<b>310</b>	<b>EOS Release</b>	Y/N
<b>311–314</b>	<b>Void Scoring Codes</b>	1 = test voided by administrator
311	English	
312	Mathematics	
313	Reading	
314	Science	
<b>315–321</b>	<b>Needs Assessment</b>	Y/N See Needs Assessment, page 10
315	Post High School Plans	
316	Writing	
317	Reading	
318	Study	
319	Mathematics	
320	Computer	
321	Public Speaking	
<b>322–411</b>	<b>UNIACT Interest Inventory Items</b>	1 = Dislike 2 = Indifferent 3 = Like
<b>412–430</b>	<b>Career Map Regions</b>	
412–413	Region 1	0 = Region 99; 1–12 (see Career Map on page 17 of the Interpretive Guide)
414–415	Region 2	0 = Region 99; 1–12
416–417	Region 3	0 = Region 99; 1–12
420–422	% L responses	000–100

(continued on next page)

## PreACT Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
423-425	% I responses	000-100
426-428	% D responses	000-100
429	II IOK (For ACT use)	
430	II Shading Flag (For ACT use)	
<b>431-436</b>	<b>UNIACT Stanines</b>	1-9
431	Technical	
432	Science & Technology	
433	Arts	
434	Social Service	
435	Administration & Sales	
436	Business Operations	
<b>437-448</b>	<b>UNIACT Standard Scores</b>	20-80
437-438	Technical	
439-440	Science & Technology	
441-442	Arts	
443-444	Social Service	
445-446	Administration & Sales	
447-448	Business Operations	
<b>449-466</b>	<b>UNIACT Percentiles</b>	0-100
449-451	Technical	
452-454	Science & Technology	
455-457	Arts	
458-460	Social Service	
461-463	Administration & Sales	
464-466	Business Operations	
<b>467-596</b>	<b>Course/Grade Information</b>	For each course listed; if no value, reported as blank.
467-469	English 9	1st byte:
470-472	English 10	1 = Responded: Completed or currently taking for ½ year
473-475	English 11	2 = Responded: Completed or currently taking for 1 year
476-478	English 12	3 = Responded: Plan to take for ½ year
479-481	Other English	4 = Responded: Plan to take for 1 year
482-484	Other English	5 = Assumed: Completed or currently taking for ½ year
485-487	Other English	6 = Assumed: Completed or currently taking for 1 year
488-490	Total Years of English Taken or Planned	7 = Assumed: Plan to take for 1/2 year
491-493	Algebra 1	8 = Assumed: Plan to take for 1 year
494-496	Geometry	0 = No Response
497-499	Algebra2	2nd byte: grade each for full term
500-502	Trigonometry	4 = A; 3 = B; 2 = C; 1 = D; 0 = F
503-505	Pre-Calculus	3rd byte: 1 = Honors, AP or IB
506-508	Calculus	
509-511	Other Advanced Math	
512-514	Other Advanced Math	
515-517	Integrated Math 9	
518-520	Integrated Math 10	
521-523	Integrated Math 11	
524-526	Integrated Math 12	
527-529	Total Years of Math Taken or Planned	
530-532	US History	
533-535	World History	
536-538	Government/Civics	
539-541	Global Studies	
542-544	Geography	
545-547	Economics	
548-550	Psychology	
551-553	Sociology	
554-556	Other Social Studies	
557-559	Other Social Studies	
560-562	Total Years of Social Studies Taken or Planned	
563-565	Physical Science	
566-568	Biology 1	

(continued on next page)

## PreACT Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
569–571	Biology 2	
572–574	Chemistry 1	
575–577	Chemistry 2	
578–580	Physics	
581–583	Anatomy/Physiology	
584–586	Other Natural Science	
587–589	Other Natural Science	
590–592	Total Years of Natural Sciences Taken or Planned	
<b>593–596</b>	<b>Foreign Languages</b>	1 = 1–1.5 years
593	Spanish	2 = 2–2.5 years
594	French	3 = 3–3.5 years
595	German	4 = 4–4.5 years
596	Other Language (not English)	5 = 5 or more years
<b>597</b>	<b>Interest Career Fit</b>	
<b>598–600</b>	<b>Calculated HS GPA Overall</b>	0.0–4.0, or blank
<b>601–612</b>	<b>Calculated HS GPA by Subject</b>	0.0–4.0, or blank
601–603	Calculated English GPA	
604–606	Calculated Math GPA	
607–609	Calculated Social Studies GPA	
610–612	Calculated Natural Sciences GPA	
<b>613</b>	<b>Core Indicator</b>	1 = Meets core 2 = Does not meet core 3 = Incomplete CGIS Information 0 = Blank CGIS Information
<b>614–625</b>	<b>Supplemental Local Items</b>	A–E, locally defined
<b>626–628</b>	<b>Test Form</b>	
<b>629</b>	<b>Assumed Form Indicator</b>	Blank = valid test form provided 1 = Test form missing or double gridded, default form code assigned 2 = Test form missing or double gridded, assumed form logic used to assign a form code
<b>630</b>	<b>Accommodation</b>	1 = Extended time/standard materials 2 = Large-print test/standard time 3 = Large-print test/extended time 4 = Audio USB Drive test/extended time 5 = Reader script/extended time 6 = Braille test/extended time 7 = Scribe/standard time 8 = Scribe/extended time 9 = Assistive communication device/extended time 0 = Reserved for future use
<b>631–640</b>	<b>Special Status</b>	All Y or blank
631	HB	Homebound
632	SE	Special Education
633	LEP	Limited English Proficiency
634	FL	Eligible for free/reduced price lunch
635	ME	Migrant Education
636	M	Title I Math
637	R	Title I Reading
638	X	Locally defined
639	Y	Locally defined
640	Z	Locally defined
<b>641–785</b>	<b>Test Item Responses</b>	1 = A or F 2 = B or G 3 = C or H 4 = D or J 5 = E or K (math only) “*” = Double Grid

(continued on next page)



## PreACT Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
641-685	English	
691-726	Math	
731-755	Reading	
756-785	Science	
<b>786-930</b>	<b>0/1 Vectors</b>	1 = correct response 0 = incorrect response
786-830	English	
836-871	Math	
876-900	Reading	
901-930	Science	
<b>931-938</b>	<b>Test Raw Scores</b>	
931-932	English	00-45
933-934	Math	00-36
935-936	Reading	00-25
937-938	Science	00-30
<b>947-1022</b>	<b>Student Address</b>	
947-986	Mailing Address	
987-1011	City	
1012-1013	State	State postal abbreviation
1014-1022	ZIP	ZIP plus 4
<b>1050-1064</b>	<b>Student ID Number</b>	Assigned by school or district
<b>1065-1079</b>	<b>User Defined Field 1</b>	Pass through fields from Pre-ID file
<b>1080-1094</b>	<b>User Defined Field 2</b>	Pass through fields from Pre-ID file
<b>1095-1109</b>	<b>User Defined Field 3</b>	Pass through fields from Pre-ID file

### STATE CODES (positions 21–22)

	NUM.	ALPHA.		NUM.	ALPHA.
Alabama	01	AL	North Dakota	35	ND
Alaska	02	AK	Ohio	36	OH
Arizona	03	AZ	Oklahoma	37	OK
Arkansas	04	AR	Oregon	38	OR
California	05	CA	Pennsylvania	39	PA
Colorado	06	CO	Rhode Island	40	RI
Connecticut	07	CT	South Carolina	41	SC
Delaware	08	DE	South Dakota	42	SD
D.C.	09	DC	Tennessee	43	TN
Florida	10	FL	Texas	44	TX
Georgia	11	GA	Utah	45	UT
Hawaii	12	HI	Vermont	46	VT
Idaho	13	ID	Virginia	47	VA
Illinois	14	IL	Washington	48	WA
Indiana	15	IN	West Virginia	49	WV
Iowa	16	IA	Wisconsin	50	WI
Kansas	17	KS	Wyoming	51	WY
Kentucky	18	KY			
Louisiana	19	LA	Puerto Rico	52	PR
Maine	20	ME	Canada	53	CN
Maryland	21	MD			
Massachusetts	22	MA	All Other	55	FN
Michigan	23	MI			
Minnesota	24	MN	Marshall Islands	57	MH
Mississippi	25	MS	Northern Mariana	58	MP
Missouri	26	MO	Micronesia	60	FM
Montana	27	MT	American Samoa	61	AS
Nebraska	28	NE	Palau	62	PW
Nevada	29	NV	Guam	63	GU
New Hampshire	30	NH	Virgin Islands	66	VI
New Jersey	31	NJ			
New Mexico	32	NM	U.S. Military		
New York	33	NY	Europe	85	AE
North Carolina	34	NC	Stateside	86	AA
			Pacific	87	AP

# Needs Assessment

(Areas in which the student indicated they needed additional help)

1. Making plans for my education, career, and work after high school
2. Improving my writing skills
3. Improving my reading speed or comprehension
4. Improving my study skills
5. Improving my mathematical skills
6. Improving my computer skills
7. Improving my public speaking skills

## Career Clusters and Career Areas

### Administration & Sales Career Cluster

#### A. Employment-Related Services

Managers (Human Resources, Training/Education, Employee Benefits, etc.); Recruiter; Interviewer; Mediator

#### B. Marketing & Sales

Agents (Insurance, Real Estate, Travel, etc.); Buyer; Sales/Manufacturers' Representatives; Retail Salesworker; Telemarketer

#### C. Management

Executive; Purchaser; General Managers (Financial, Office, Property, etc.); Specialty Managers (Retail Store, Hotel/Motel, Food Service, etc.). Other managers are in Career Areas related to their work. For example, see Career Area A.

#### D. Regulation & Protection

Inspectors (Customs, Food/Drug, etc.); Police Officer; Detective; Park Ranger; Security Manager; Guard

### Business Operations Career Cluster

#### E. Communications & Records

Receptionist; Secretary (including Legal and Medical); Court Reporter; Clerks (Order, Billing, Hotel, etc.)

#### F. Financial Transactions

Accountant/Auditor; Cashier; Bank Teller; Budget/Credit Analysts; Tax Preparer

#### G. Distribution & Dispatching

Shipping/Receiving Clerks; Warehouse Supervisor; Mail Carrier; Dispatchers; Air Traffic Controller

### Technical Career Cluster

#### H. Transport Operation & Related

Truck/Bus/Cab Drivers; Locomotive Engineer; Ship Captain; Aircraft Pilot; Sailor; Chauffeur

#### I. Agriculture, Forestry & Related

Farmer; Nursery Manager; Forester; Groundskeeper; Animal Caretaker; Soil Conservationist

#### J. Computer & Information Specialties

Programmer; Systems Analyst; Information Systems Manager; Computer Repairer; Website Developer; Actuary

#### K. Construction & Maintenance

Carpenter; Electrician; Bricklayer; Tile Setter; Painter; Plumber; Roofer; Firefighter; Custodian

#### L. Crafts & Related

Cabinetmaker; Tailor; Chef/Cook; Baker; Butcher; Jeweler; Silversmith; Hand Crafter

#### M. Manufacturing & Processing

Tool & Die Maker; Machinist; Welder; Woodworker; Printing Press Operator; Water Plant Operator

#### N. Mechanical & Electrical Specialties

Mechanics/Technicians (Auto, Aircraft, Heating & Air Conditioning, Electronics, etc.); Repairers (Office Machine, Appliance, TV/DVD, etc.)

### Science & Technology Career Cluster

#### O. Engineering & Technologies

Engineers (Aerospace, Agriculture, Nuclear, Civil, Computer, etc.); Technicians (Electronics, Mechanical, Laser, etc.); Surveyor; Drafter; Architect; Technical Illustrator

#### P. Natural Science & Technologies

Physicist; Astronomer; Biologist; Statistician; Soil Conservationist; Food Technologist; Crime Lab Technician

#### Q. Medical Technologies (Also see Area W)

Pharmacist; Optician; Prosthetist; Technologists (Surgical, Medical Lab, EEG, etc.); Dietitian

#### R. Medical Diagnosis & Treatment (Also see Area W)

Physician; Psychiatrist; Pathologist; Dentist; Optometrist; Veterinarian; Nurse Anesthetist; Audiologist; Physician Assistant

#### S. Social Science

Sociologist; Experimental Psychologist; Political Scientist; Economist; Criminologist; Urban Planner

### Arts Career Cluster

#### T. Applied Arts (Visual)

Artist; Graphic Artist; Photographer; Illustrator; Floral/Fashion/Interior Designers; Merchandise Displayer

#### U. Creative & Performing Arts

Writer/Author; Musician; Singer; Dancer; Music Composer; Movie/TV Directors; Fashion Model

#### V. Applied Arts (Written & Spoken)

Reporter; Columnist; Editor; Advertising Copywriter; Public Relations Specialist; TV Announcer; Librarian; Interpreter

### Social Service Career Cluster

#### W. Health Care (Also see Areas Q and R)

Administrator; Recreational Therapist; Psychiatric Technician; Dental Hygienist/Assistant; Geriatric Aide; Licensed Practical Nurse

#### X. Education

Administrator; Teachers & Aides (Preschool, Elementary & Secondary, Special Education, PE, etc.). Other teachers are in Career Areas related to their specialty. For example, Physics Teacher is in Career Area P.

#### Y. Community Services

Social Service Director; Social Worker; Lawyer; Paralegal; Home Economist; Career Counselor; Clergy

#### Z. Personal Services

Childcare Specialist; Hairstylist/Barber; Makeup Artist; Flight Attendant; Barista; Travel Guide