

Using Microsoft Access and CSAP Data

Typical File Layout for importing into Access:

Record Length – 470 bytes

```
3M008875005LITTLETON          0140505COAMES ELEM          50880013701CSAP    J1502120100006529150000 000
121490FIRSTNAME                LASTNAME 122M4482   4731   4081   4761   4271          4451   4261   4641
426173768693249187            845293776889829363          673274197978128898          13621  16204  11232
```

Importing

Using the “School and District Research Tape Format”, create Import Specifications in Access that include the field names. Name the import specifications for the Test and Year (i.e.: CSAP01)

File Layouts can be obtained at the CDE Website:

http://www.cde.state.co.us/cdeassess/as_filelayouts.htm

State	LPSD	num	LPS
8	033		
2	012		
2	005		num
2	006		
4	009		
6	010		
2	005		
0	004		
0	007		
6	004		
7	006		
8	013		
4	032		
9	021		
3	002		
6	018		
2	011		
4	016		
2	003		
7	006		
9	008		
4	006		
8	015		
6	014		
4	004		
0	008		
0	017		

TestName	Proficient
CSAP03R	526
CSAP04R	572
CSAP05R	588
CSAP06R	600
CSAP07R	620
CSAP08R	632
CSAP09R	642
CSAP10R	663
CSAP04W	522
CSAP07W	509
CSAP10W	498
CSAP05M	466
CSAP08M	522
CSAP10M	551
CSAP08SC	506
CSAP03RS	513
CSAP04RS	537
CSAP04WS	532

Additional Tables

After importing the CSAP data, perform error-checking process (check for inaccurate student numbers i.e.: student numbers should have leading zeros and not zeros at the end of the student number, student numbers that are not complete). This can be done by sorting the student id field.

Create Table to contain Test Name (test name field in this table must match the test name in your CSAP table) and Proficiency Score (example of table name “ProficientScore01” include year of test) This table is used for calculation of the “CDIF” field

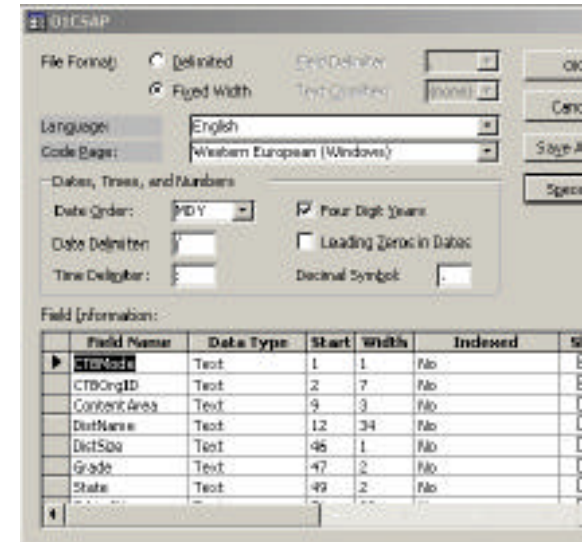
Create Table to contain State School Numbers and District School Numbers if different (example of table name “State_to_LPS”)

Query

Using Access Query, create the file for Import into SASI (required: one line of data, for each test part, per student, that is to be imported into SASI)

Change Test Name and School Number

Create an update query to change the Test Name to match the test name in SASI and change the School number to the District School Number. (Example: Change Test Name to CSAP05M if Grade = 05 and test subject is Math)

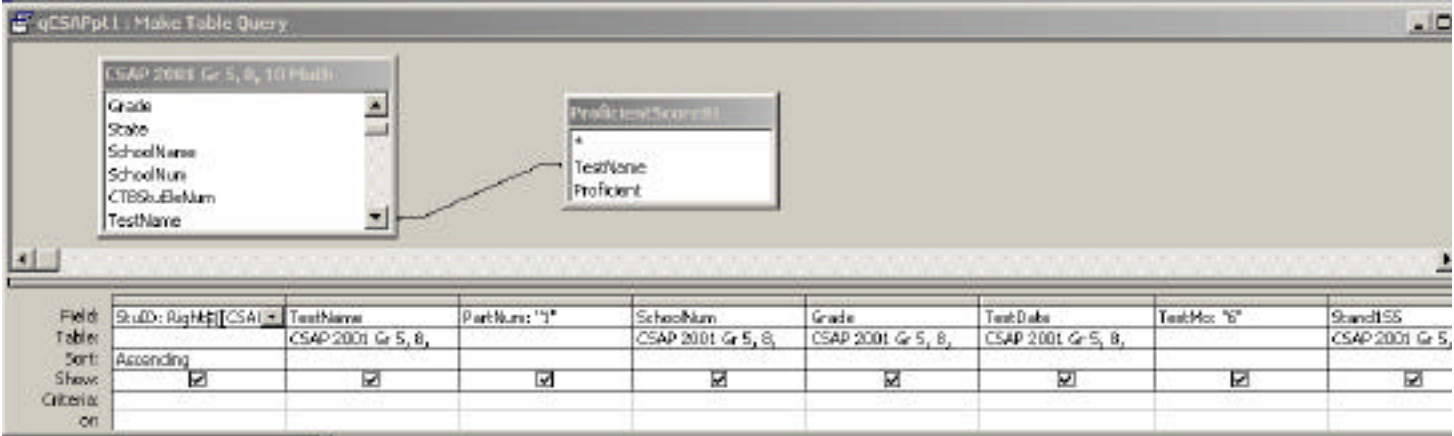


Change School Number to District School number (example: Change State School Numbers to District School numbers using the State_to_LPS table created above)

Field:	SchoolNum	TestName
Table:	CSAP 2001 Gr 5, 8, 10 Math	CSAP 2001 Gr 5, 8, 10 Math
Update To:	State to LPS\LPSD num	[CSAP 2001 Gr 5, 8, 10 Math]!TestName & [CSAP 2001 Gr 5, 8, 10 Math]!Grade & [M
Criteria:		

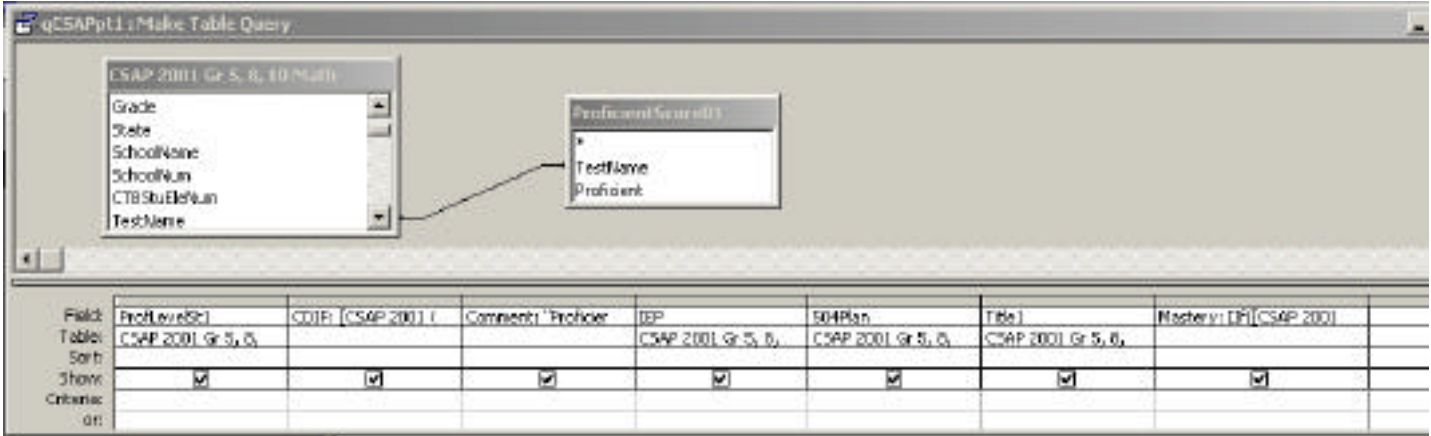
Creating CSAP export using Access query

Once it has been determined what CSAP information is to be imported into SASI, create a query that contains each field for each student. Example: All standards, overall score, and substandards for each subject with the Scale Score, Proficiency Level Value, Difference between the student’s Scale Score and the score needed to be considered Proficient in that subject.



To include all of the above information, the query contains the following fields: Student ID, Test Name, PartNum, SchoolNum, Grade, Test Date, Test Month, Score One (Scale Score for each test part), Score Two (Proficiency Level Value for each test part), CDIF (calculated number that indicates how far over/under Proficient student scored on the test for each test part), Comment (Proficiency > = ???), IEP, 504 Plan, and Mastery (further clarification of the Proficiency Level Value).

The first query is a “Make Table” query. Each additional query is an “Append” query that “adds” to the table that was created in the above query. *The “Mastery” field is NOT modified for the “Overall” part.*



Example of the modifications or creation of fields for import into SASI:

Field:	StuID: Right\$([CSAP 2001 Gr 5, 8, 10 Math]![StuID],5)
Table:	
Sort:	Ascending
Show:	<input checked="" type="checkbox"/>

- Remove leading zeros in student number: Student: Right\$([Name of Table]![Name of Student ID Field],5)

Student number 000066666 will become student number 66666

- Calculation for “CDIF” field - CDIF: [CSAPTableName]![FieldNameforScaleScore] – [ProficientScoreTable]![FieldNameforProficient]

Field:	CDIF: [CSAP 2001 Gr 5, 8, 10 Math]![Stand155]-[ProficientScore01]![Proficient]
Table:	
Sort:	
Show:	<input checked="" type="checkbox"/>

Field will contain:
14 (Scale Score (536) minus Proficient Score (522))

- Populate Comment field with Proficiency score

Field will contain:
Comment: Proficiency >= 522

Field:	Comment: "Proficiency >=" & [ProficientScore01]![Proficient]
Table:	
Sort:	
Show:	<input checked="" type="checkbox"/>

- Change Proficiency Level Value for Standards and Sub Standards (PLV 1 = Below Proficient for a standard or substandard and Unsatisfactory for the Overall Score, PLV 2 = At or Above Proficient for a standard or substandard and Partially Proficient for the Overall Score.) You will not change the PLV for the Overall Score only Standards and Sub Standards.

Mastery Field will contain one of the following:

- 1 = Unsatisfactory
- 2 = Partially Proficient
- 3 = Proficient
- 4 = Advanced
- 5 = Not Tested
- 6 = Partially Proficient (PLV from Standards & Sub Standards is changed from 1)
- 7 = At or Above Proficient (PLV from Standards & Sub Standards is changed from 2)

Field:	Mastery: IIf([CSAP 2001 Gr 5, 8, 10 Math]![ProfLevelSt1]="1","6",IIf([CSAP 2001 Gr 5, 8, 10 Math]![ProfLevelSt1]="2","7",""))
Table:	
Sort:	
Show:	<input checked="" type="checkbox"/>

The following is an example of what the table will look like for one student when you have completed all test parts for the CSAP Math Test.

StuID	TestName	PartNum(1)	SchoolNum	Grade	TestDate	TestMo(6)	StandSS1	ProfLvlS1	CDIF	Comment	IEP	504	Title1	Mastery
StuID	TestName	PartNum(2)	SchoolNum	Grade	TestDate	TestMo(6)	StandSS2	ProfLvlS2	CDIF	Comment	IEP	504	Title1	Mastery
StuID	TestName	PartNum(3)	SchoolNum	Grade	TestDate	TestMo(6)	StandSS3	ProfLvlS3	CDIF	Comment	IEP	504	Title1	Mastery
StuID	TestName	PartNum(4)	SchoolNum	Grade	TestDate	TestMo(6)	StandSS4	ProfLvlS4	CDIF	Comment	IEP	504	Title1	Mastery
StuID	TestName	PartNum(7)	SchoolNum	Grade	TestDate	TestMo(6)	OverallSS	ProfLevelOvr	CDIF	Comment	IEP	504	Title1	Mastery
StuID	TestName	PartNum(8)	SchoolNum	Grade	TestDate	TestMo(6)	SubStand1	PerfLevelSt1	CDIF	Comment	IEP	504	Title1	Mastery

StuID TestName PartNum(9) SchoolNum Grade TestDate TestMo(6) SubStand2 PerfLevelSt2 CDIF Comment IEP 504 Title1 Mastery
 StuID TestName PartNum(10) SchoolNum Grade TestDate TestMo(6) SubStand3 PerfLevelSt3 CDIF Comment IEP 504 Title1 Mastery

Export the table as a tab delimited file without a text qualifier. The file will be .txt (example 01CSAPM.txt)

Performance Level Scale Ranges for 2001 CSAP Assessments (English Assessments)

Content Area	Scale Score Ranges			
	Unsatisfactory	Partially Proficient	Proficient	Advanced
Grade 3 Reading*	150 - 465	466 - 525	526 - 655	656 - 756
Grade 4 Reading*	180 - 516	517 - 571	572 - 670	671 - 940
Grade 5 Reading	220 - 537	538 - 587	588 - 690	691 - 955
Grade 6 Reading	260 - 542	543 - 599	600 - 695	696 - 970
Grade 7 Reading*	300 - 566	567 - 619	620 - 715	716 - 980
Grade 8 Reading	330 - 577	578 - 631	632 - 723	724 - 990
Grade 9 Reading	350 - 584	585 - 641	642 - 738	739 - 995
Grade 10 Reading	370 - 606	607 - 662	663 - 746	747 - 999
Grade 4 Writing	300 - 468	469 - 521	522 - 587	588 - 720
Grade 7 Writing	300 - 399	400 - 508	509 - 633	634 - 780
Grade 10 Writing	200 - 395	396 - 497	498 - 547	548 - 770
Grade 5 Math	200 - 425	426 - 484	485 - 548	549 - 760
Grade 8 Math	300 - 474	475 - 521	522 - 562	563 - 760
Grade 10 Math	230 - 485	486 - 550	551 - 594	595 - 770
Grade 8 Science	300 - 455	456 - 505	506 - 581	582 - 790

* The scale ranges for the 3rd, 4th and 7th grade Reading assessments differ from previous years due to the development of the vertical reading scale and, at grades 4 and 7, performance level adjustments in 2001.

Performance Level Scale Ranges for 2001 CSAP Assessments (Spanish Assessments)

Content Area	Scale Score Ranges			
	Unsatisfactory	Partially Proficient	<i>Proficient</i>	Advanced
Grade 3 Reading	300 - 481	482 - 512	513 - 575	576 - 740
Grade 4 Reading	300 - 505	506 - 536	537 - 591	592 - 790
Grade 4 Writing	300 - 495	496 - 531	532 - 595	596 - 790

The “Performance Level Scale Ranges for 2001 CSAP” was obtained from CDE.