

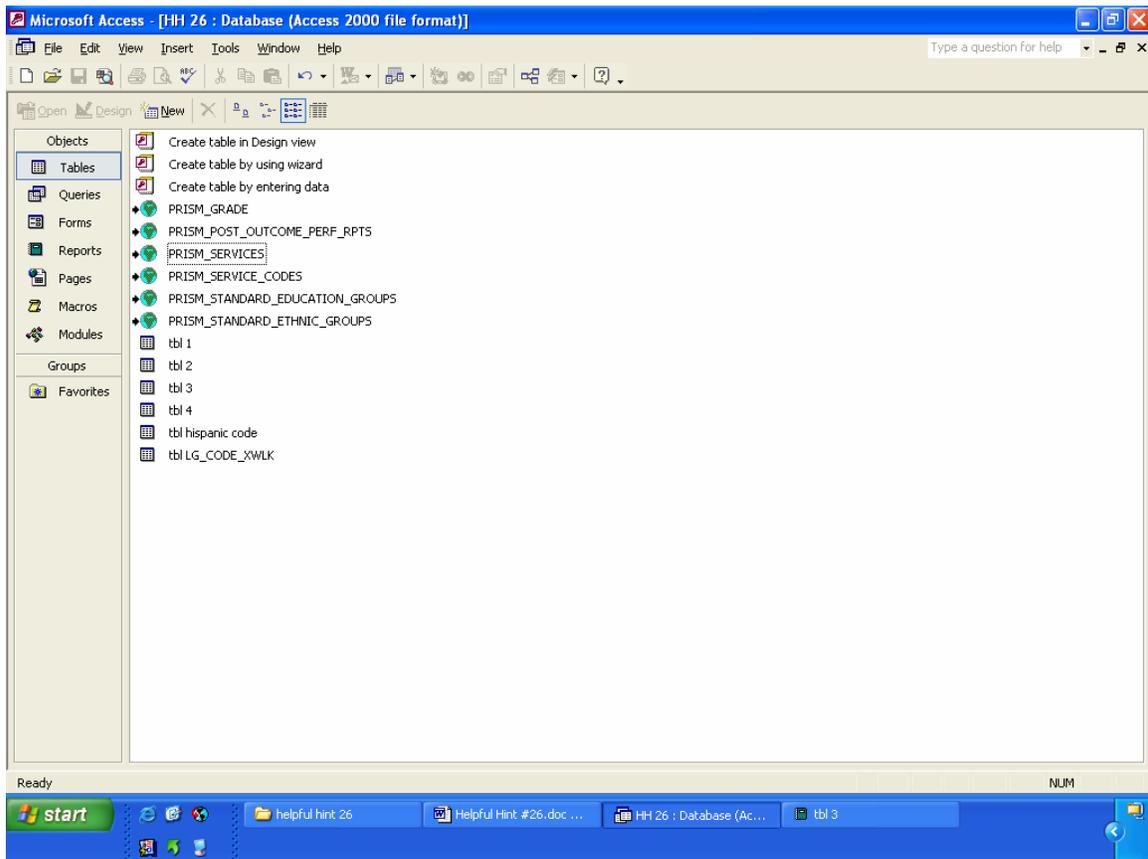
Helpful Hint #26 – Services Received Hispanic Clients, by Education Level

This Helpful Hint will demonstrate how to set-up queries and a report that lists the number of *Level I* services received by Hispanic clients, by education level. The period for this report is July 1, 2006 thru June 30, 2007.

Prior to running queries on the workstation, ODBC (Open DataBase Connectivity) must be installed and properly configured to connect to the PRISM database (http://www.oregon.gov/PRISM/TechnicalInfo.shtml#Desk_Manual). Microsoft Access configuration is required only once for each workstation. The connection will enable you to connect to the PRISM tables needed for completing the data analysis.

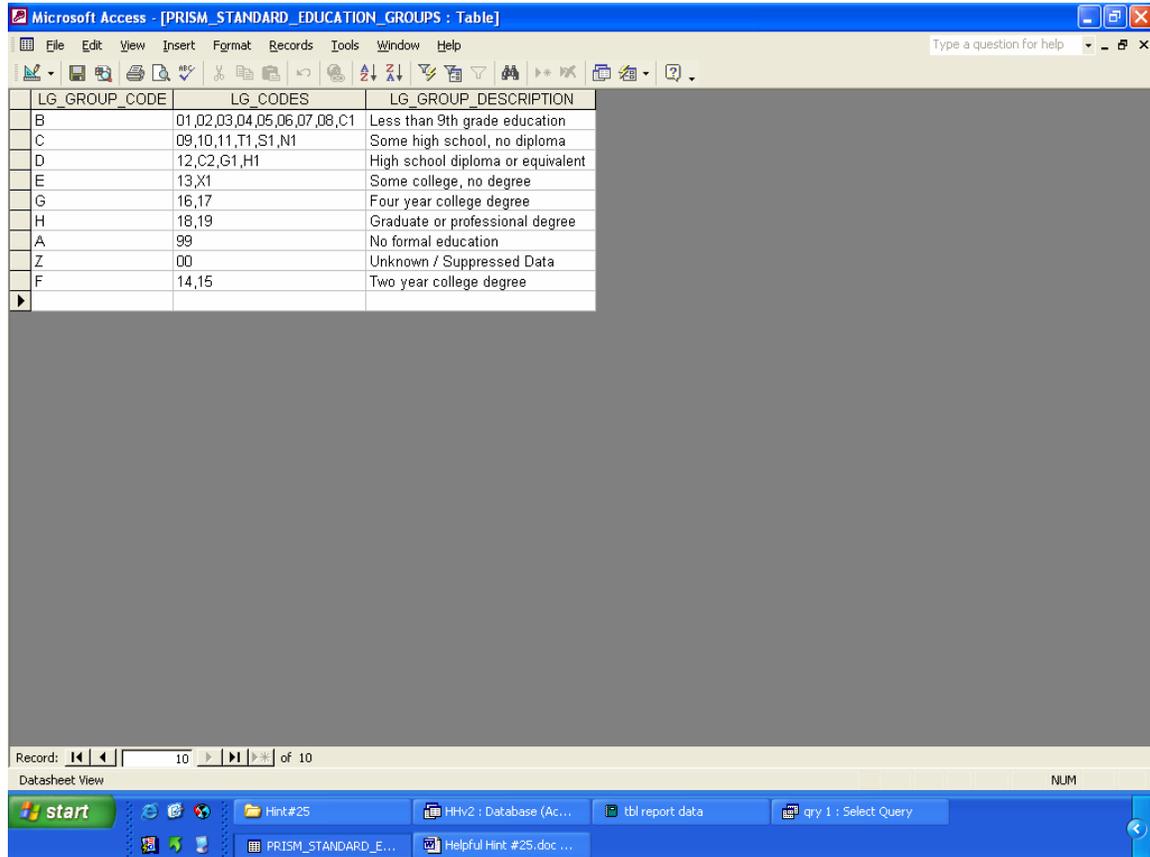
Create Access tables by linking to the following PRISM tables through ODBC.

1. PRISM.POST_OUTCOME_PERF_RPTS
2. PRISM_GRADE
3. PRISM_SERVICES
4. PRISM_SERVICE_CODES
5. PRISM_STANDARD_EDUCATION_GROUPS
6. PRISM_STANDARD_ETHNIC_GROUPS



The next step is to construct two new tables. It is probably easiest to open a blank table and copy/paste or type in the data fields.

The first table is based on the ODBC table PRISM_STANDARD_EDUCATION_GROUPS (see below)...



...and create a two-column table where all items in column LG_CODES have a one-to-one correspondence with items in column LG_GROUP_DESCRIPTION. Make column LG_CODES the primary key.

Here is an example of the finished product, titled 'TBL LG_CODE_XWLK'. Take a moment to compare it with the screen shot above.

Microsoft Access - [tbl LG_CODE_XWLK : Table]

File Edit View Insert Format Records Tools Window Help

Type a question for help

LG_CODES	LG_GROUP_DESCRIPTION
99	1. No formal education
02	2. Less than 9th grade education
08	2. Less than 9th grade education
06	2. Less than 9th grade education
05	2. Less than 9th grade education
07	2. Less than 9th grade education
03	2. Less than 9th grade education
01	2. Less than 9th grade education
C1	2. Less than 9th grade education
04	2. Less than 9th grade education
N1	3. Some high school, no diploma
S1	3. Some high school, no diploma
11	3. Some high school, no diploma
10	3. Some high school, no diploma
09	3. Some high school, no diploma
T1	3. Some high school, no diploma
C2	4. High school diploma or equivalent
G1	4. High school diploma or equivalent
H1	4. High school diploma or equivalent
12	4. High school diploma or equivalent
13	5. Some college, no degree
X1	5. Some college, no degree
15	6. Two year college degree
14	6. Two year college degree
16	7. Four year college degree
17	7. Four year college degree
18	8. Graduate or professional degree
19	8. Graduate or professional degree
00	9. Unknown / Suppressed Data

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tbl report data

qry 1 : Select Query

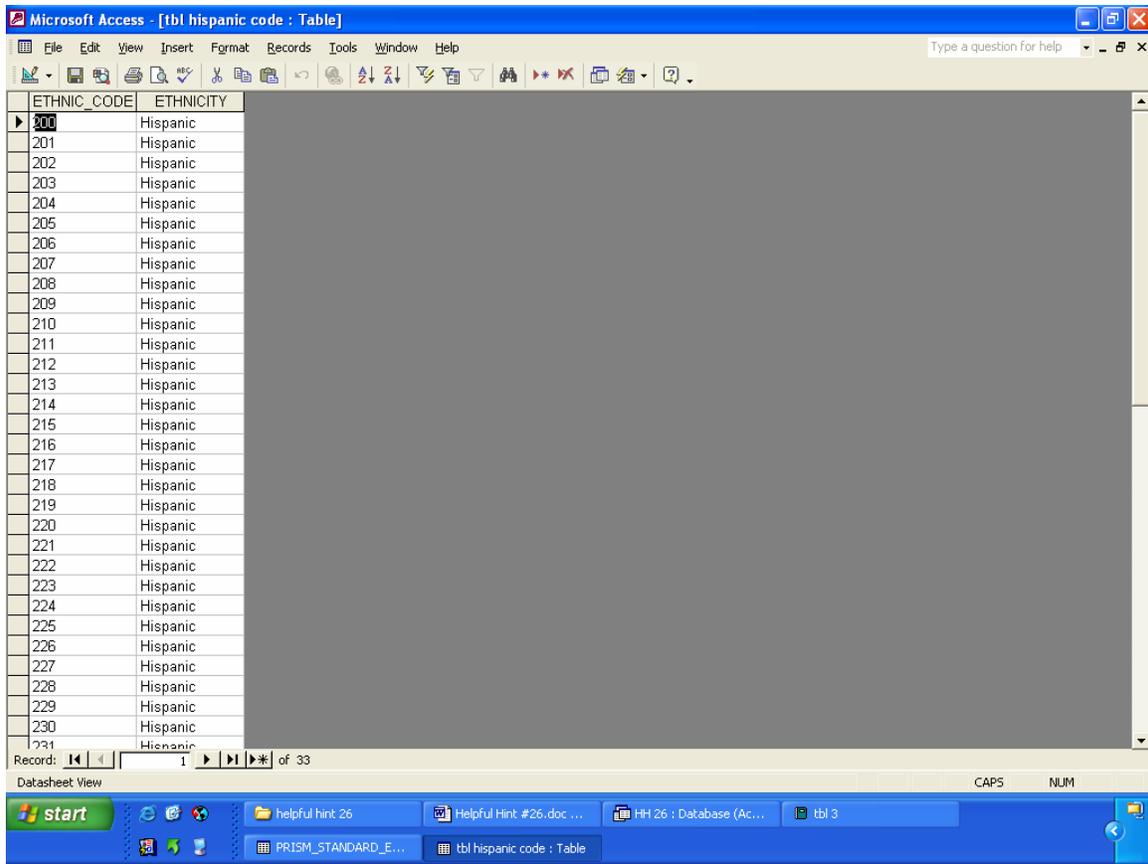
tbl LG_CODE_XWLK : ...

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The second table is based on the ODBC table PRISM_STANDARD_ETHNIC_GROUPS (see below)...

ETHNIC_GROUP_CODE	ETHNIC_CODES	ETHNIC_GROUP_DESCRIPTION
D	016, 116, 916	Native Hawaiian or Pacific Islander Alone (Not Hispanic)
Z	000, 099, 100, 199, 900, 999	Unknown / Suppressed Data
A	004, 104, 904	White Alone (Not Hispanic)
E	008, 108, 908	American Indian or Alaskan Native Alone (Not Hispanic)
C	001, 101, 901	Asian Alone (Not Hispanic)
B	002, 102, 902	Black Alone (Not Hispanic)
G	200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 2	Hispanic
F	003, 005, 006, 007, 009, 010, 011, 012, 013, 014, 0	Multiple Race (Not Hispanic)

...and create a two-column table that lists each Hispanic ethnic code separately. Here is an example of the finished product, titled 'TBL HISPANIC CODE'. Take a moment to compare it with the screen shot above.



Now it is time to construct three queries. They are given generic names in this document; feel free to name them what you would like.

The first is a make-table query that lists all Hispanic client id numbers by education level. It uses three tables joined by two links:

PRISM_POST_OUTCOME_PERF_RPTS. LAST GRADE to TBL
LG_CODE_XWLK. LG_CODE

PRISM_POST_OUTCOME_PERF_RPTS. ETHNICITY to TBL
LG_CODE_XWLK. ETHNIC_CODE

Select the following fields and criteria. Be sure to click “Σ” on the toolbar.

Group by
PRISM_POST_OUTCOME_PERF_RPTS. SUBJECT_ID

Group by
TBL_HISPANIC_CODE. ETHNICITY

Group by
TBL 1. LG_GROUP_DESCRIPTION

Group by
PRISM_SERVICE_CODES. LEVEL 1

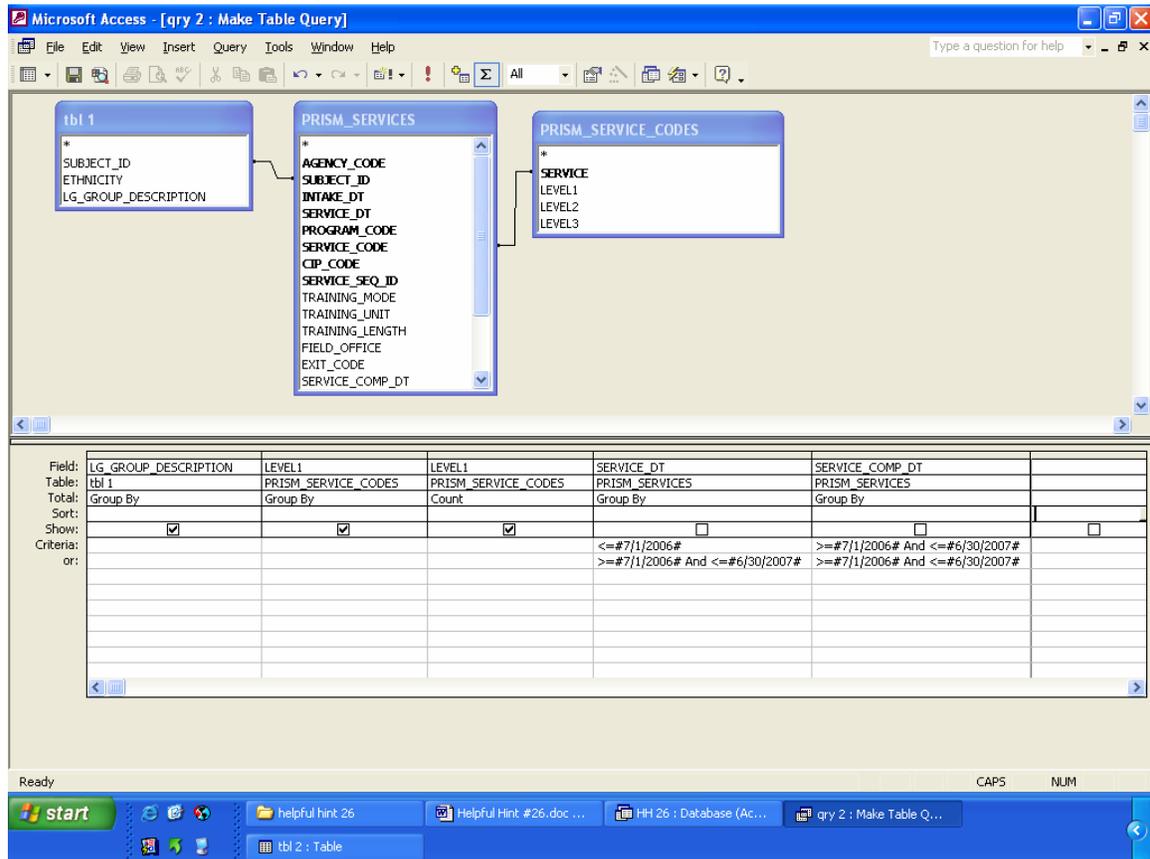
Count
PRISM_SERVICE_CODES. LEVEL 1

Where
PRISM_SERVICES. SERVICE_DT
(Criteria) <=#7/1/2006# or >=#7/1/2006# And <=#6/30/2007#

Where
PRISM_SERVICES. SERVICE_COMP_DT
(Criteria) >=#7/1/2006# And <=#6/30/2007# or >=#7/1/2006# And <=#6/30/2007#

Title the new table 'TBL 2'

See below.



Save as 'QRY 2' and run.

The third makes a table that aggregates the number of specific level 1 services received, by the client's education level

It uses one table:

TBL 2

Select the following fields and criteria. Be sure to click "Σ" on the toolbar.

Group by

TBL 2. LG_GROUP_DESCRIPTION

Group by

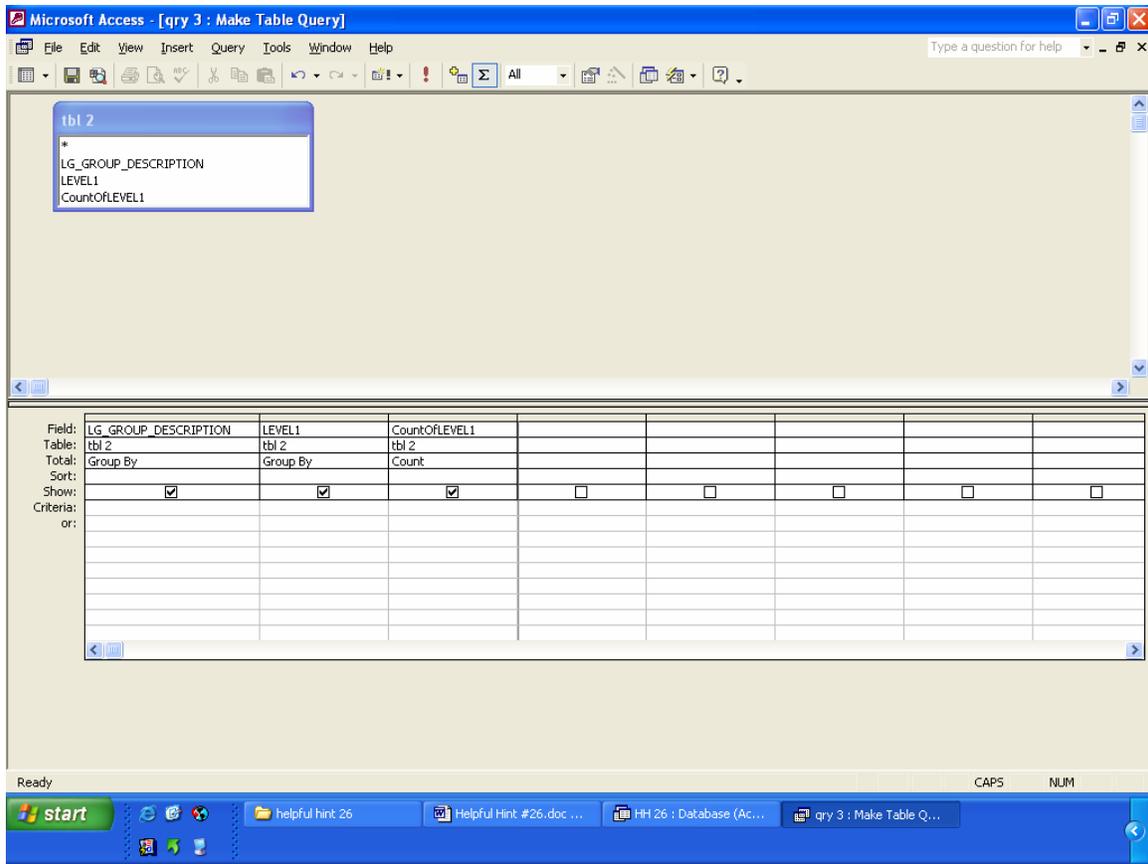
TBL 2. LEVEL 1

Group by

TBL 2. CountofLEVEL1

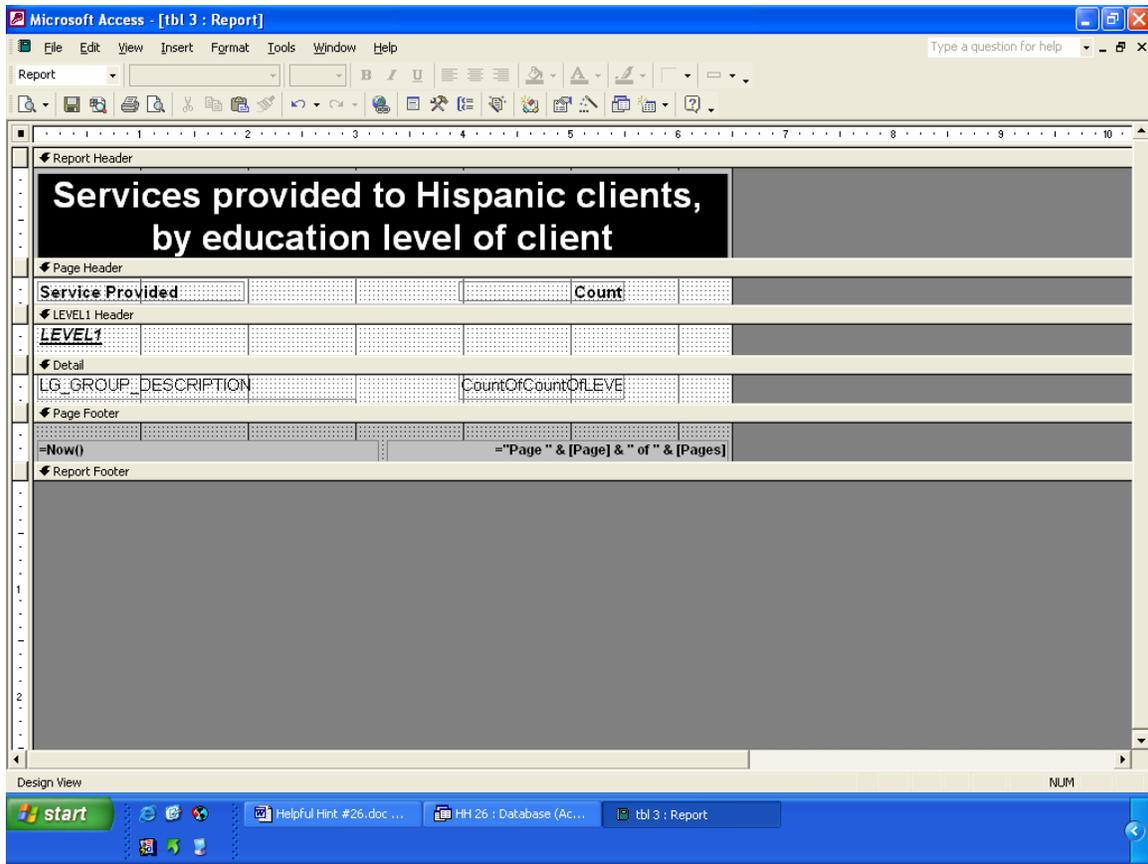
Label the table to be made "TBL 3".

See below.



Save as 'QRY 3' and run.

You can now make a report based on the above table. Here is the design for the report.



Here is the finished product.

Microsoft Access - [tbl 3]

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Services provided to Hispanic clients, by education level of client

Service Provided	Count
<u>Assessment/svc strategies</u>	
1. No formal education	25
2. Less than 9th grade education	795
3. Some high school, no diploma	1,182
4. High school diploma or equivalent	914
5. Some college, no degree	336
6. Two year college degree	384
7. Four year college degree	338
8. Graduate or professional degree	219
9. Unknown / Suppressed Data	356
<u>Basic skills development</u>	
2. Less than 9th grade education	767
3. Some high school, no diploma	1,462
4. High school diploma or equivalent	755
5. Some college, no degree	81
6. Two year college degree	128
7. Four year college degree	76
	84

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