

**From:** Yong, Elizabeth [/O=HARVARD-FAS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=YONG]  
**Sent:** Wednesday, January 29, 2014 2:58:34 PM  
**To:** Fitzsimmons, William; McGrath, Marlyn; Banks, Roger  
**Subject:** 2019 search  
**Attachments:** 2019SearchSES.pdf; Low SES.docx

WRF, MEM and RXB,

Attached are the search numbers for the class of 2019 with the new criteria for the BCHNP search. Overall, it's a 7% increase over last year's total and an 8% increase for the BCHNP group.

I also included the number of 'Low SES', the Caroline Hoxby/Connie Betterton variable. In case you need a refresher, I've also attached the explanation of how it's derived.

Let me know what you think.

Thanks,

EBY

2014 for Class of 2019						
PSAT	SAT = V+M	Eth/States	GPA	TOTAL	Low SES	% Low SES
High Scorers Men	1380 -1600	A, K, O, W / ALL US	A+ TO A-	24,752	2,596	10%
High Scorers Women	1350 -1600	A, K, O, W / ALL US	A+ TO A-	25,123	2,787	11%
Sparse Country	1310 - 1370	K, O, W / AL, AK, AZ, AR	A+ TO A-	3,772	402	11%
		ID, LA, ME, MS, MT, NE				
		NV, NH, NM, ND, OK, SD				
		UT, VT, WV, WY				
BCHNP	1100 - 1240	ALL PSAT Takers/ ALL US	A+ TO A-	35,357	11,005	31%
HIGH BCHNP	1250 - 1600	ALL PSAT Takers/ ALL US	A+ TO B+	12,782	2,810	22%
Total				101,786	19,600	19%

### Low SES

Low-SES status is assigned, with varying levels of confidence, to students whose annual family income is likely to be less than \$40,000. When you use this criterion, you'll be asked to choose between three confidence levels: very high confidence, high confidence and confidence. The level of confidence is included in the Student Search Service output.

This data can help you identify and recruit students of low socioeconomic background to build a more diverse student body or scholarship applicant pipeline and facilitate access to your programs.

#### Method

Low-SES indicators are estimates based on the reported incomes for the census block in which the student lives and the type of school the student attends. The validity of these estimates is verified annually using actual data from students' filings of the Free Application for Federal Student Aid (FAFSA).

#### Deciding on a Confidence Level

Low-SES confidence levels reflect the probability that the income level of a student's family has been correctly identified. "Very high confidence," the most restrictive level, means that there is very little chance that a given student would actually come from a family with an income of \$40,000 or higher. "Confidence," the least restrictive level, means that your identified group may include students whose family income is higher than \$40,000 (but not dramatically so). "High confidence" falls between the two.

Refer to the table below for guidance in choosing a confidence level. It provides a snapshot of the population defined by each confidence level for students in the 2013 high school graduating class who were identified as coming from families with estimated incomes below \$40,000.

#### Low-SES Class of 2013

#### Low-SES Class of 2013

Confidence Level	Mean Annual Income	% Students Possibly Omitted*
Very high confidence	\$28,758	Approximately 32%
High confidence	\$30,432	Approximately 29%
Confidence	\$33,025	Approximately 24%

\*The percentage of actual low-income students that could be omitted from your results.

#### Family Income\*

Only SAT and SAT Subject Test takers are asked, "What was the approximate combined income of your parents before taxes last year? Include taxable and nontaxable income from all sources." In recent years, only about 40 percent of students chose to respond. This criterion is for research only and is not available for use in purchasing names through Student Search Service.

#### Mobility\*

This criterion is based on a student's SAT score-sending pattern and not on self-reported data. If 50 percent or more of a student's score reports are sent outside his or her home state, the student's mobility is indicated as out-of-state. As a student moves through high school and sends scores to more institutions, this attribute could change. This criterion is for research only and is not available for use in purchasing names through Student Search Service.

#### Parent Education\*

Students are asked to select the highest level of education attained by their parents or guardians. If two different educational levels are provided, the reporting logic takes the higher one. PSAT/NMSQT and PSSS takers are not asked this question. This criterion is for research only and is not available for use in purchasing names through Student Search Service.