

A Study of Unproductive Units

Business Administration AS and AST Graduates, 2015-16

Report Prepared by Santa Ana College Research



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Methodology

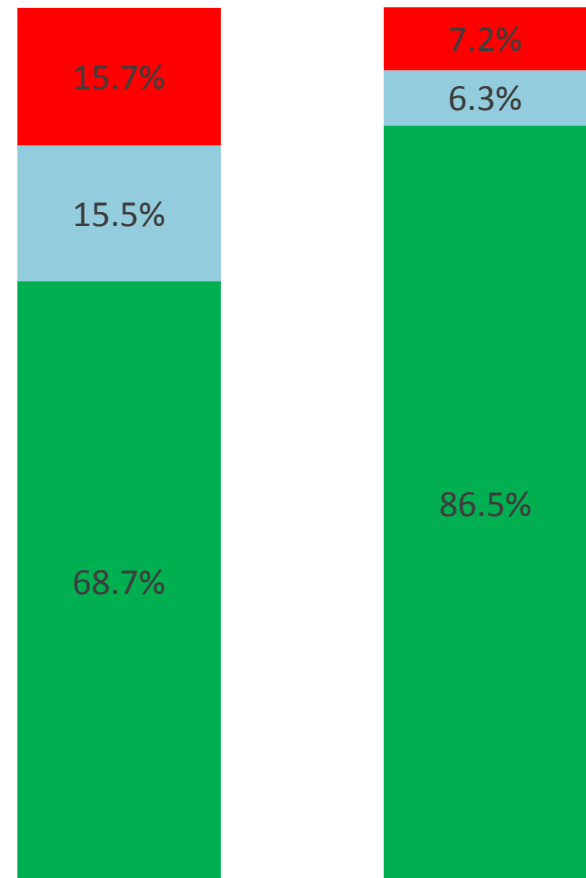
- In an effort to understand the number of "unproductive units" taken by students at Santa Ana College, the Santa Ana College Research Office has examined the course taking behavior of students who obtained an AS or AST in Business Administration in the 2015-2016 academic year.
- We have defined “unproductive units” as an coursework that does not fulfill a major or general education requirement.
- 105 Students were examined in the analysis

Degrees Earned	# of Students
AST in Business Administration with CSU Cert	62
AST in Business Administration (no CSU Cert)	33
AS in Business Administration (no CSU Cert)	6
AS and AST in Business Administration with CSU Cert	2
AS in Business Administration with CSU Cert	1
AS and AST in Business Administration (no CSU Cert)	1

Summary

- Higher successful completion rates for those in sample than the general SAC population exhibits in an average semester
- Average of 11.2 units attempted by these students were “unproductive”
- 32% of the successfully completed unproductive courses were EMLS course
- 21% of the successfully completed unproductive courses were in subjects related to the major
 - BUS
 - ACCT
 - SPCH
 - BANK
 - MGMT
 - MKTG
- The majority of the sample (79%) were not involved in a student services program while at SAC
- The majority of the sample (75%) received either a Pell grant or BOG waiver while at SAC

Academic Outcomes for Fall 2016 All Credit Students and for Study Sample



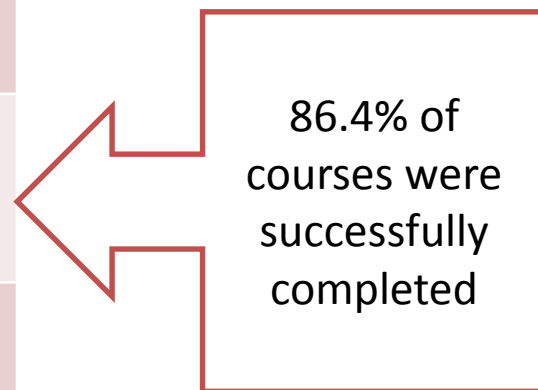
Fall 2016 All SAC Credit Students

Study Sample Academic Career

■ Successful Completion ■ Non-Successful Completion ■ Non-Complete

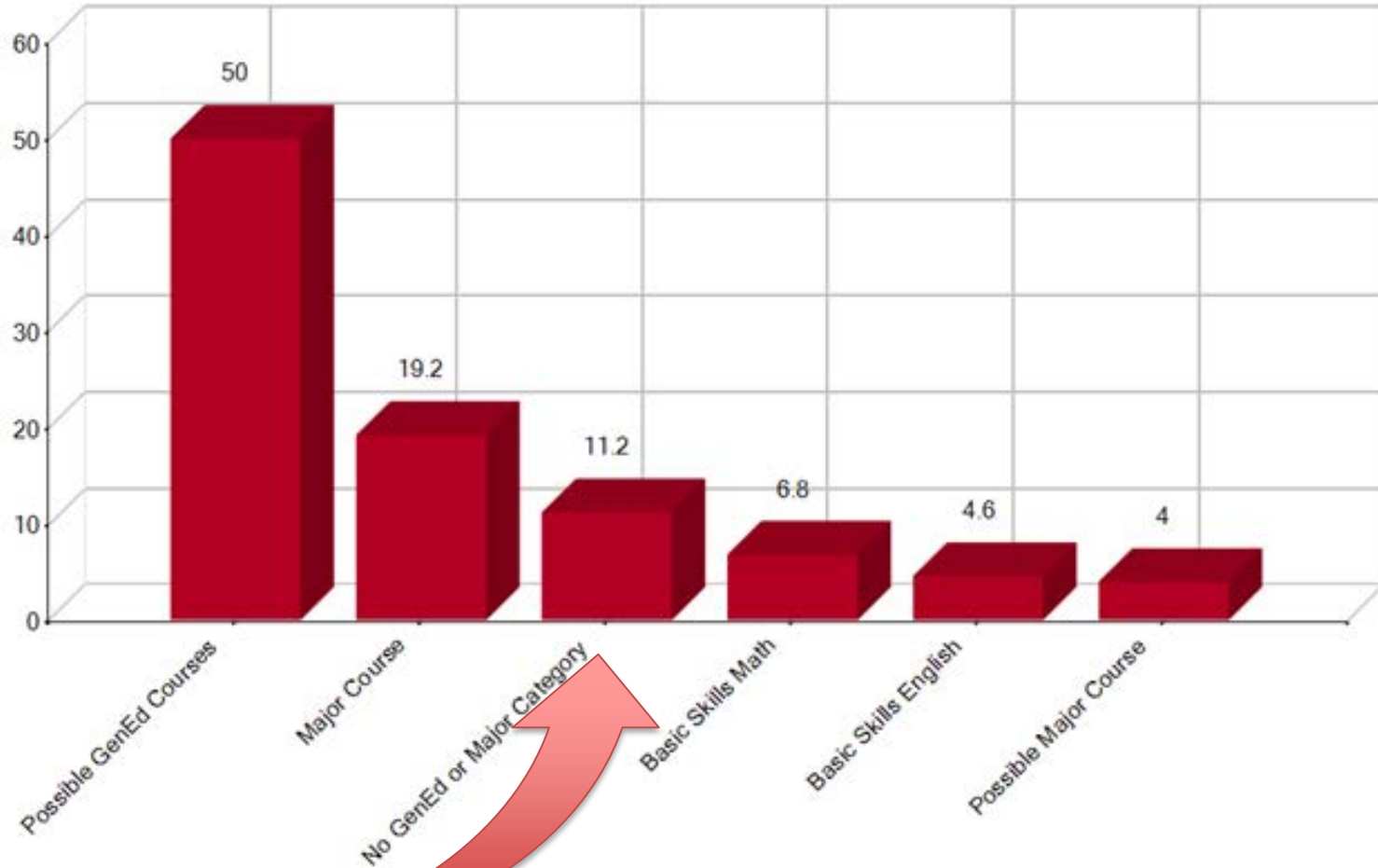
Number of Courses and Units Attempted and Academic Outcomes

	Classes	Units
All Courses	2686	8430.3
# of Courses Successfully Completed (earned grade of A, B, C, or P)	2322	7274.8
# of Courses Unsuccessfully Completed (earned grade of D, F, NP)	168	557.5
# of Courses Not Completed (earned grade of W, I, MW)	194	648.0



86.4% of courses were successfully completed

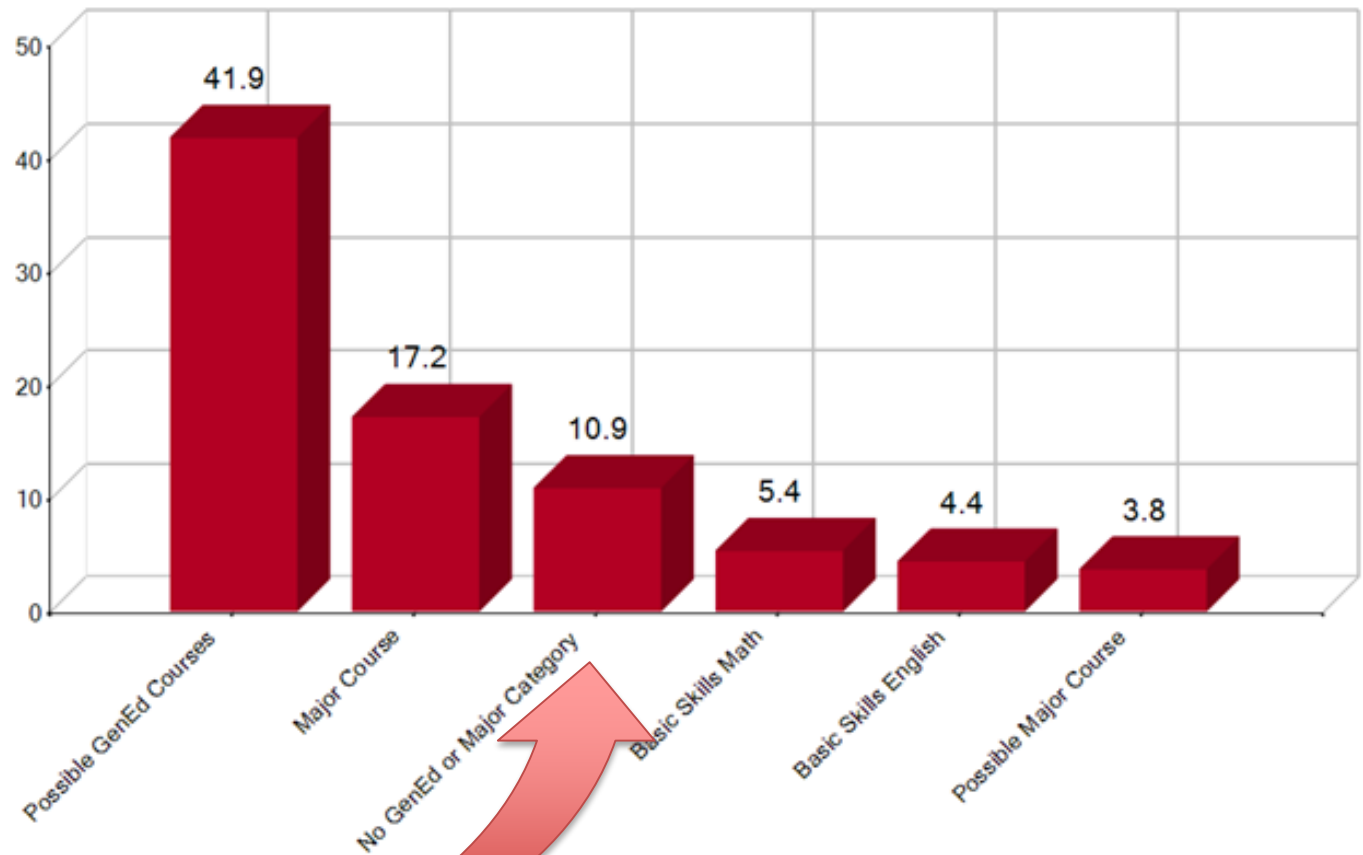
Average Number of Units Attempted by Category



Average of 11.2 units attempted by these students were “unproductive”

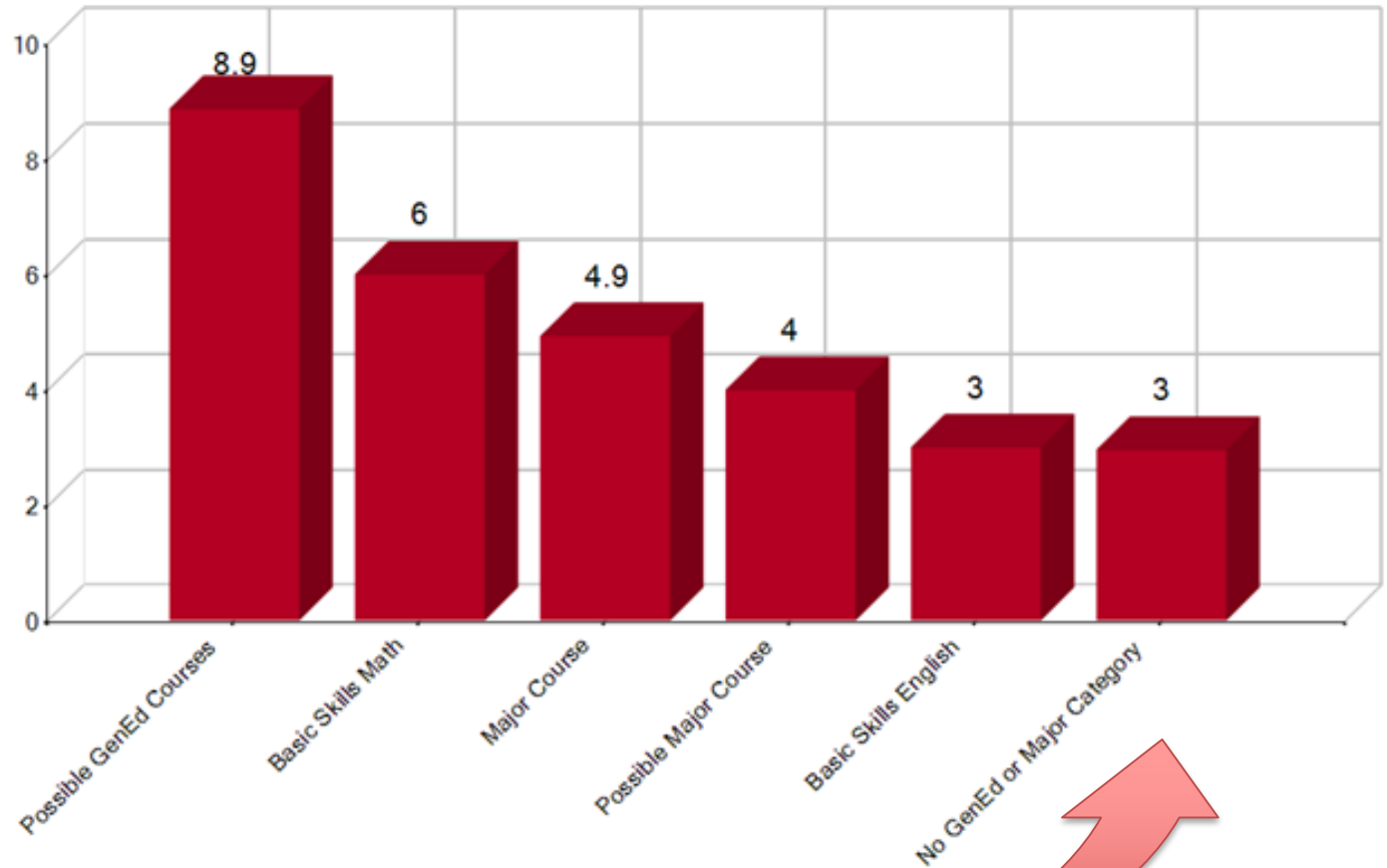
Average Number of Successfully Completed Units by Category

Average of 10.9 units successfully completed by these students were “unproductive”



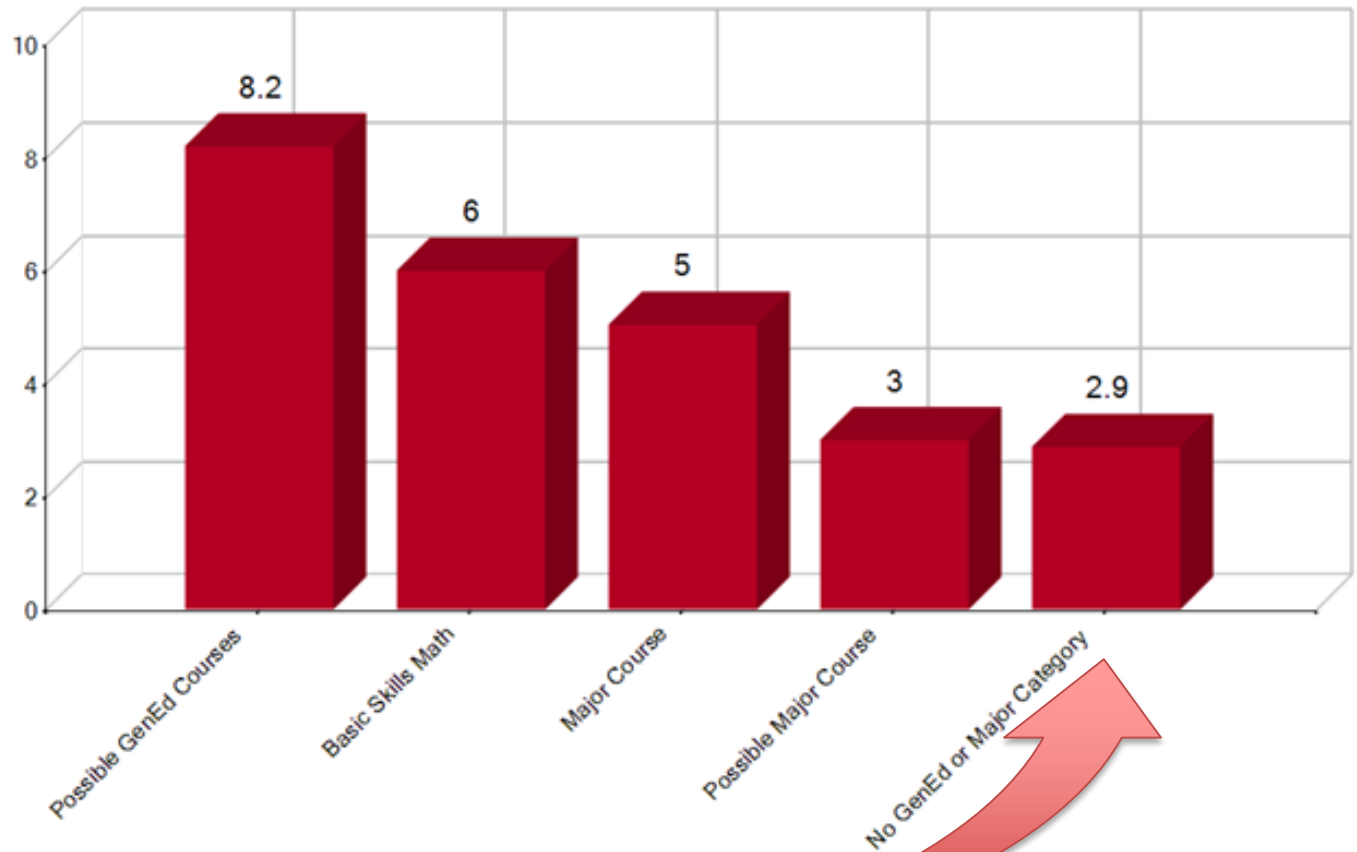
Average Number of Non-Successfully Completed Units by Category

Average of 3 units non-successfully completed by these students were “unproductive”



Average Number of Non-Completed Units by Category

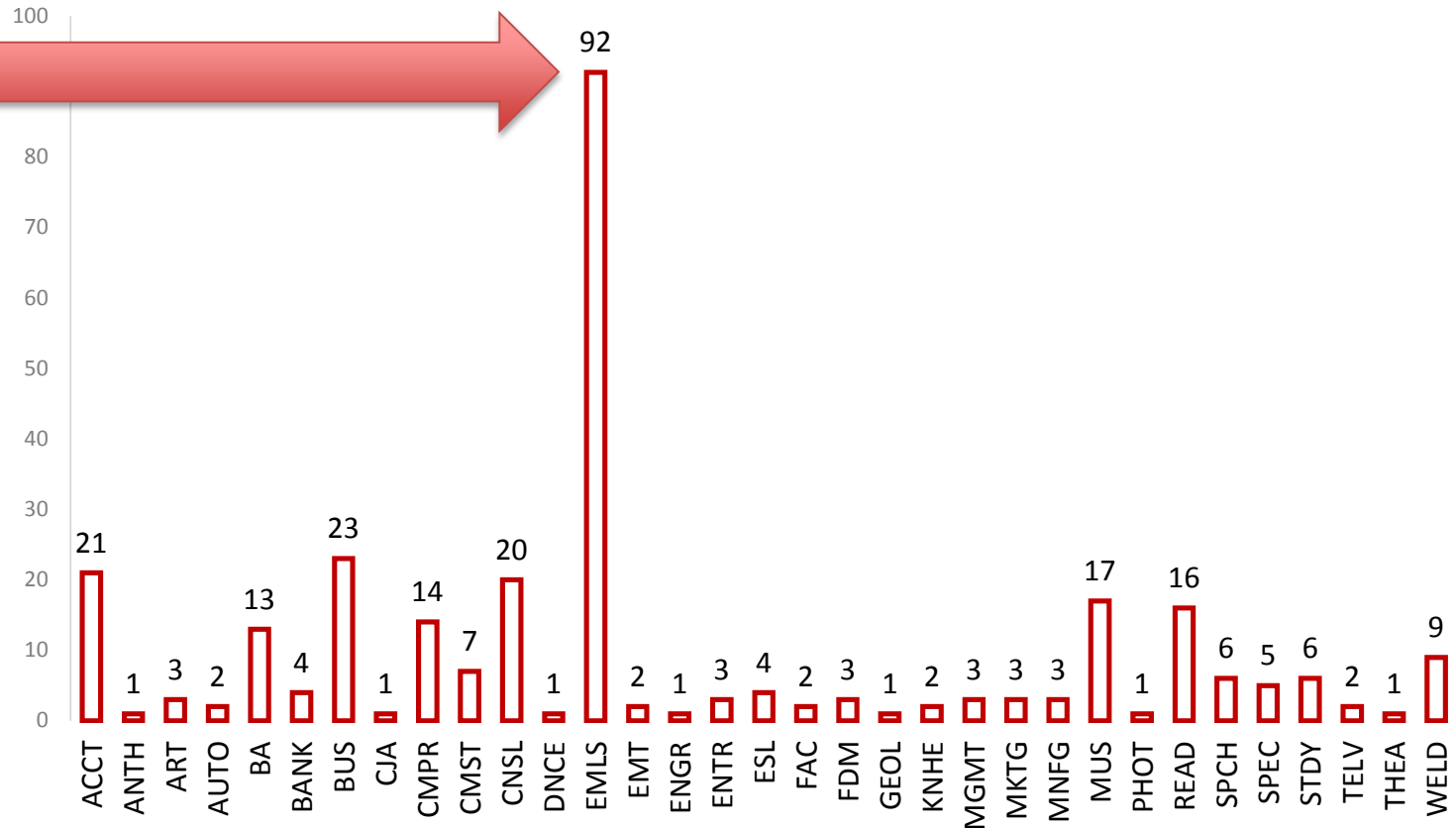
Average of 2.9
units non-
completed by
these students
were
“unproductive”



In What Subject Areas Are Business Administration Students Taking Classes That Do Not Fulfill General Education Or Major Requirements?

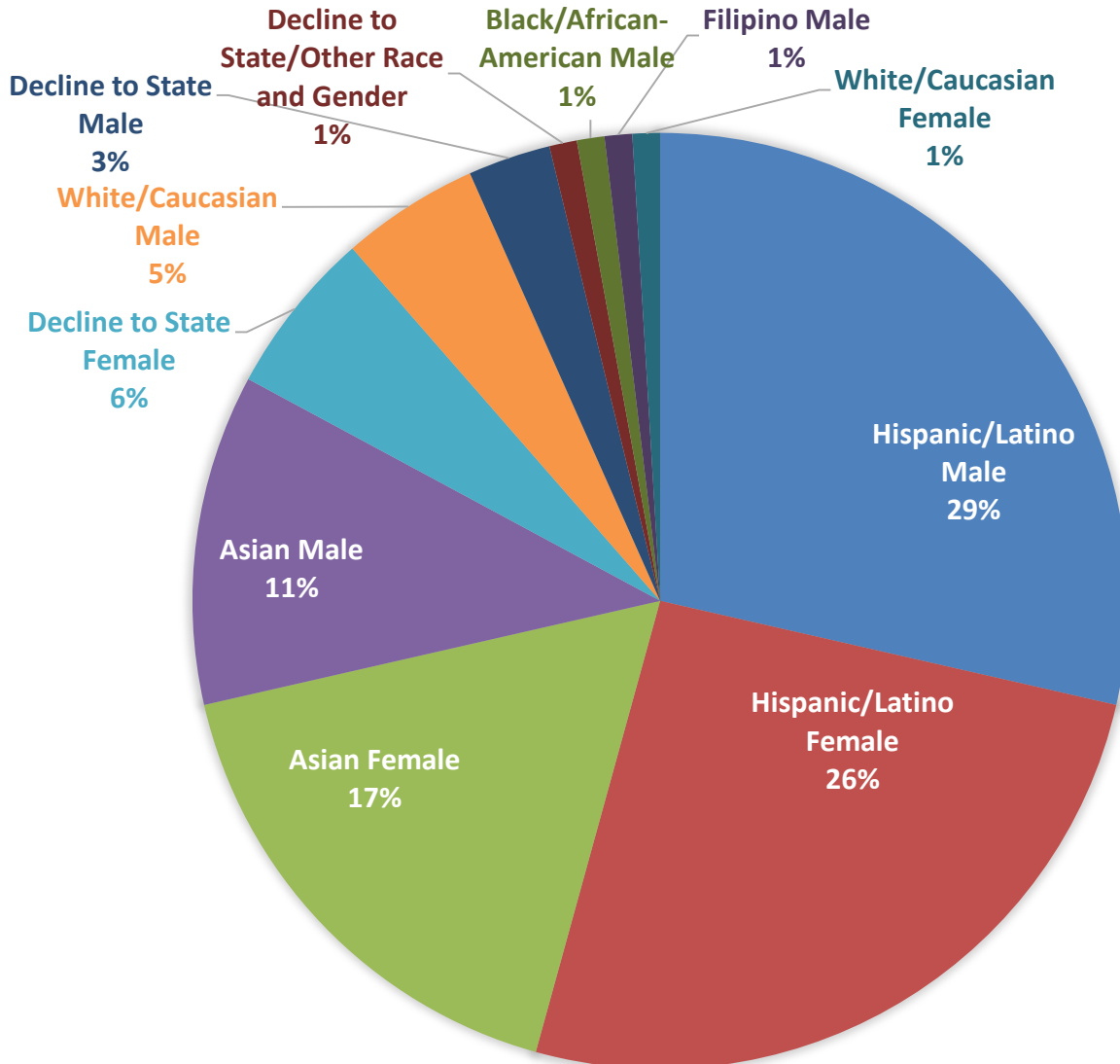
Many of the “unproductive units” were EMLS courses

Successfully completed (A,B,C,P) Courses that do not fulfill a General Education or Major Criteria # of Enrollments in Subject



Demographics and Program Involvement of Study Subjects

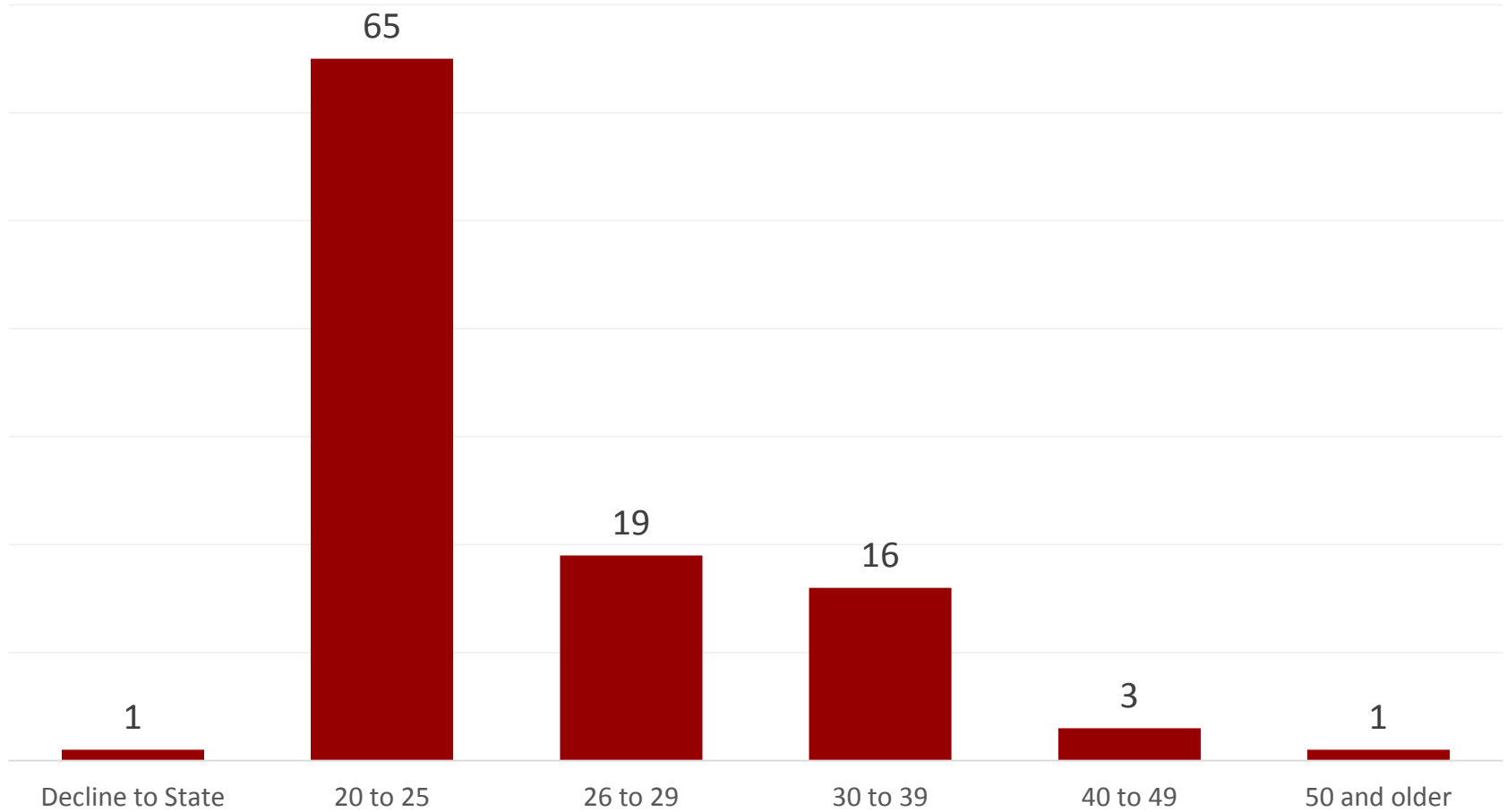
Race and Gender of Degree Recipients



Racial Group	Number of Student	Percent of Sample
Hispanic/Latino	57	54.3%
Asian	30	28.6%
Decline to State	10	9.5%
White/Caucasian	6	5.7%
Black/African-American	1	1.0%
Filipino	1	1.0%

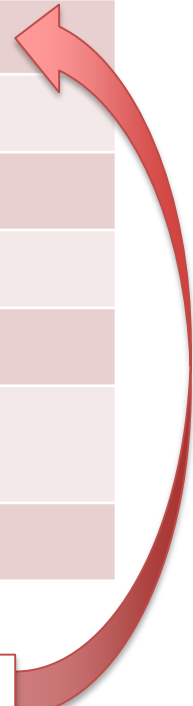
Gender	Number of Student	Percent of Sample
Male	52	49.5%
Female	52	49.5%
Decline to State/Other	1	1.0%

Age of Degree Recipients



Program Involvement

Program Involvement	Number of Students	Percent of Sample
No Programs	83	79%
Adelante Participant	7	7%
Freshman Experience Program Participant	6	6%
Basic Skills Counseling Participant	4	4%
SSTI Participant	3	3%
Freshman Experience Program Participant; Adelante Participant; SSTI Participant	1	1%
Adelante Participant; SSTI Participant	1	1%

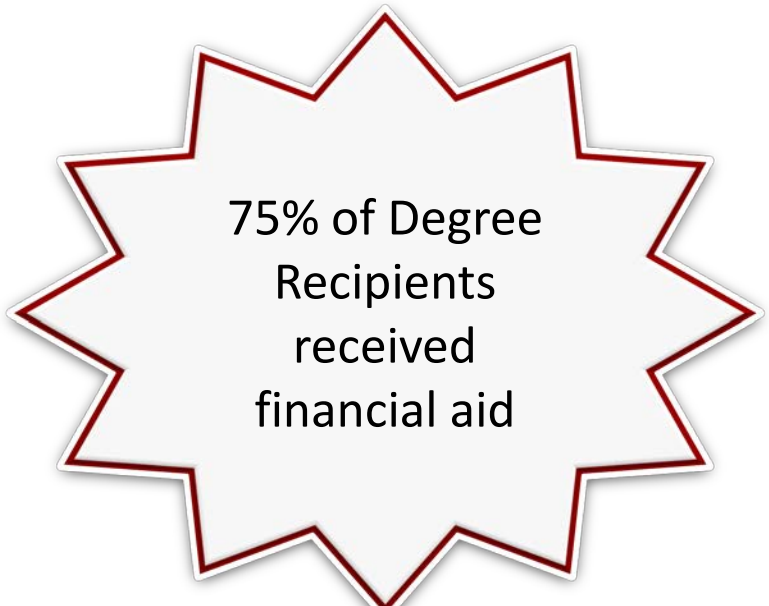


- 17% were involved in one program
- 2% were involved in two or more programs

79% were not involved in any programs

Financial Aid

Financial Aid	Number of Students	Percent of Sample
Dream Act (AB540 BOG Waiver)	7	7%
BOG Waiver	25	24%
No Financial Aid	26	25%
Pell Grant & BOG Waiver	47	44%



75% of Degree
Recipients
received
financial aid

Source and Department Information



SANTA ANA COLLEGE

Research

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Data Source Information

Source: RSCCD Data Warehouse, Student_Degree table, Term "20152", "20153", "20161", & "20160", Degrees included: "SAC.BUS.AST, SAC.CSU.CA, SAC.CSU.CTF", "SAC.BUS.AST", "SAC.BUS.AS", "SAC.BUS.AST, SAC.CSU.CTF", "SAC.BUS.AS", SAC.BUS.AST,SAC.CSU.CA,SAC.CSU.CTF", "SAC.BUS.AS,SAC.BUS.AST", "SAC.BUS.AS, SAC.CSU.CA, SAC.CSU.CTF"; SEAT