

DISTRIBUTION OF ACC FALL 2004 EARLY COLLEGE START (ECS) ENROLLMENTS
 Grouped by ZIP-Code Average Family Income, in 787xx and 786xx with significant ACC enrollment

ZIP-Code Avg Income Group ¹	Family Income Average ¹	Youth ² 12 to 17	Youth Poverty ³	Fall 2004 ECS Enrollments ⁴ Total = In-district + Non-district	Direct-to-ACC from local HS, 99-03 Total = In-district + Non-district ⁵
< \$40K	\$33,941	14,502	27.2%	100 = 62 + 38	1,926 = 1,165 + 709
\$40-\$50K	\$44,733	23,161	17.9%	371 = 74 + 297	3,079 = 893 + 1,943
\$50-\$60K	\$52,753	13,401	10.2%	231 = 89 + 142	2,086 = 979 + 892
\$60-\$70K	\$65,077	19,489	5.1%	346 = 109 + 237	2,889 = 1,027 + 1,791
\$70-\$80K	\$74,162	13,677	4.9%	368 = 115 + 253	2,642 = 1,266 + 1,376
> \$80K	\$99,769	16,573	3.2%	292 = 80 + 212	3,289 = 1,223 + 2,066

NORMALIZED SUMMARY

ZIP-Code Avg Income Group ¹	Family Income Average ¹	% Youth 12 to 17 in poverty	Fall 2004 ECS per 600 youths aged 12 to 17 ⁶	Annualized direct-to-ACC per 600 youth ⁷	Fall 2004 ECS per 100 annualized direct-to-ACC ⁸
< \$40K	\$33,941	27.2%	4.1	19.9	20.7
\$40-\$50K	\$44,733	17.9%	9.6	19.9	48.1
\$50-\$60K	\$52,753	10.2%	10.3	23.3	44.2
\$60-\$70K	\$65,077	5.1%	10.6	22.2	47.8
\$70-\$80K	\$74,162	4.9%	16.1	28.9	55.6
> \$80K	\$99,769	3.2%	10.5	29.7	35.5
<i>Average</i>	<i>\$61,221</i>	<i>11.5%</i>	<i>10.1</i>	<i>23.6</i>	<i>42.9</i>

NOTES:

- [1] **Family Income ZIP Average** – Data from the 2000 U. S. Census was used to partition 87 residence ZIP codes that begin with 787 or 786 on the basis of the ZIP-code average family income into six groups. Zip codes that contain fewer than 10 direct-from-high-school ACC students since 1999 were excluded. **Note that these are ZIP-code-wide income averages, which provide only indirect evidence about the income of ECS-student families.**
- [2] **Youth 12 to 17** – This is the census population category that is seen as most relevant for an ECS analysis. It is also used as the weighting factor among zip codes in computation of average family income.
- [3] **Youth poverty** – This is the census value for the fraction of the “Youth 12 to 17” population in the area living in poverty.
- [4] **Fall 2004 ECS** – The figures given are the number of ECS course enrollments; some of which may be by the same student. The great majority of such enrollments are for 3 credit hours (the average is 3.07 SCH). ECS students whose zip codes were not in the analysis set were not counted in the 1,708 enrollments shown here.
- [5] **Direct-from-local-high-school ACC students, '99-'03** – In order to show the distribution of the larger group of ACC students that is most relevant to ECS students, alumni records were tabulated by zip code for students with 786xx or 787xx zip codes who started ACC college-credit courses before their 20th birthday and have a high school in the ACC service area listed as their immediately-previous school. This data was first available for the fall 1999 semester, so a four-year total through summer 2003 is used. These figures may be understated due to failure to state previous school at admission.
- [6] **ECS per 600 youth** – These values are normalized both for the population differences between the groups and for the fact that the population group includes six years of age (so there are about 100 17-year-olds for each 600 “12-to-17 youth”). The number roughly approximates the percentage of potential students who participate in ECS, but further consideration of the pattern of ECS enrollments over the year and of high-school dropout rates would be required to fully analyze this.
- [7] **Annualized direct-to-ACC per 600 youth** – This shows, corrected for the six-year size of the youth cohort, the approximate rate at which youth in the zip codes in each local average-family-income group go directly from high school to ACC.
- [8] **ECS per 100 annualized direct-to-ACC local high-school students** – This ratio indicates how ECS enrollments compare with the total headcount of students coming to ACC directly from area high schools. It roughly approximates the percentage ECS forms of such students, but would need to be adjusted for ECS enrollment pattern (overcount from multiple-fall-ECS-course students and undercount from spring/summer ECS headcount not included in the fall totals).

Fall 2004 Early College Start (ECS) Enrollment Analysis -- 1/5/04 draft

<i>Residence Status</i>	<i>ECS Enrollments</i>	<i>ECS Credit Hours</i>	<i>Percentage</i>
In-District	535	1,659	30.3%
Out-of-District	1,213	3,708	67.7%
Out-of-State	38	111	2.0%
Total	1,786	5,478	100%

<i>Early College Start sections in which the instructor is not paid by ACC (more details on page 3)</i>			
ECS, ACC-DISTRICT HIGH SCHOOLS	2 sections	30 ECS enrollments	1.7%
ECS, NON-ACC-DISTRICT HIGH SCHOOLS	6 sections	89 ECS enrollments	5.0%
<i>ECS high-school sections in which the instructor is paid by ACC (more details on page 3)</i>			
ECS, ACC-DISTRICT HIGH SCHOOLS	8 sections	149 ECS enrollments	8.3%
ECS, NON-ACC-DISTRICT HIGH SCHOOLS	26 sections	494 ECS enrollments	27.7%
<i>Sections with both ECS and non-ECS students – instructor is paid by ACC (more details on page 4)</i>			
MAIN ACC CAMPUSES (5 or more ECS)	13 sections	108 ECS enrollments	6.0%
DISTANCE LEARNING (5 or more ECS)	8 sections	48 ECS enrollments	2.7%
OFF-CAMPUS CENTERS (5 or more ECS)	15 sections	131 ECS enrollments	7.3%
OTHER MIXED SECTIONS (1 to 4 ECS)	524 sections	737 ECS enrollments	41.3%

CLASS SIZE COMPARISON (ACC-paid high-school ECS classes vs. same-department ACC average)

<i>Department</i>	ECON	ENGL	GOVT	HIST	SPCH	SOCI	PSYC	<i>Total</i>
# of ECS sections	4	12	10	5	1	1	1	34
ECS average size	22.5	16.8	20.0	19.6	14.0	12.0	8.0	18.3
ACC average size	30.4	25.3	32.1	32.5	25.0	29.4	32.3	29.3
<i>ECS % of other ACC</i>	74%	66%	62%	60%	56%	41%	25%	63%

MIXED-SECTION FULLNESS (5 to 14 ECS in section)	Sections	ECS Enrollments
Full* (12 th -day enrollment within 1 of class limit)	14	125
Almost full* (12 th -day 2 or 3 below class limit)	5	39
Moderate (not close either to class limit or lower size limit)	15	112
Small (would have been canceled without ECS students)	2	11

* Because some students typically drop between the end of registration and the 12th-day report (which is the basis of state reimbursements), at least the “full” sections here are likely to have been closed at the end of registration. At some point how much the 524 1-to-4-ECS mixed sections follow this pattern should be checked.

Distribution among departments of ECS enrollments (both high-school and mixed sections)

ECS	Department	17	Arts	4	Automotive Tech	1	Geology
428	English	13	Music	3	Drama	1	Child Care/Development
398	Government	12	Chemistry	3	Allied Health Science	1	Criminal Justice
255	History	11	French	3	Journalism/RTF	1	Environmental Science
186	Economics	10	Philosophy	2	Drafting	1	Photography
69	Psychology	8	Dev. Mathematics	2	Accounting	1	Russian
63	Computer Science	7	Physics	2	Developmental Writing	1	Psychology
46	Spanish	6	Computer Info Systems	2	Commercial Music	1	Geography
42	Speech	5	German	2	Engineering	1	English as a Second Language
40	Kinesiology	5	Marketing	2	Pharmacy Tech	1	Welding Tech
37	Mathematics	5	Japanese	2	Visual Communication	1	Business Communication
27	Sociology	5	Business	1	Human Services		
22	Human Services	4	Anthropology	1	Financial Management		
20	Biology	4	Developmental Reading	1	Dance		

FALL 2004 ECS HIGH SCHOOL SECTIONS (42.7% of ECS enrollment)
(those with >75% ECS students – 100% ECS unless indicated below by “+ # non-ECS”)

Sections with an asterisk * by school name are at a school in the ACC taxing district
Sections in italics are those in which the instructor was not paid by ACC

ENGL-1301: Composition I

- 27 ENGL-1301-170 **Leander* [Instructor not paid by ACC]
- 27 ENGL-1301-193 *Hays* [Instructor not paid by ACC]
- 27 ENGL-1301-140 Georgetown
- 26 ENGL-1301-157 Georgetown
- 20 ENGL-1301-135 Lockhart
- 18 ENGL-1301-150 *Luling* [Instructor not paid by ACC]
- 15 ENGL-1301-153 Lockhart
- 14 ENGL-1301-146 Wimberly
- 13 ENGL-1301-163 Georgetown
- 11 ENGL-1301-033 San Marcos
- 7 ENGL-1301-071 BLH tba 9 am (Distance Learning, + 0 non-ECS)
- 7 ENGL-1301-173 HAY TTh 2:15 pm (Hays High, + 0 non-ECS)

ENGL-1302: Composition II

- 28 ENGL-1302-093 Georgetown
- 24 ENGL-1302-040 Georgetown
- 17 ENGL-1302-111 *Luling* [Instructor not paid by ACC]
- 9 ENGL-1302-098 Georgetown

GOVT-2305: United States Government

- 35 GOVT-2305-062 LTR M 6:30 pm (Lake Travis High, + 3 non-ECS – full)
- 30 GOVT-2305-121 Lockhart
- 28 GOVT-2305-126 ***McCallum**
- 23 GOVT-2305-094 Georgetown
- 22 GOVT-2305-120 Liberty Hill
- 20 GOVT-2305-065 ***Del Valle**
- 19 GOVT-2305-102 Round Rock
- 16 GOVT-2305-113 Round Rock
- 14 GOVT-2305-031 ***Johnston**
- 13 GOVT-2305-100 Georgetown

HIST-1301: United States History I

- 31 HIST-1301-103 ***Akins**
- 25 HIST-1301-069 Liberty Hill
- 23 HIST-1301-083 THS TTh 7:45am (***Travis High**, + 1 non-ECS)
- 12 HIST-1301-098 *L VH time ? (Lago Vista High, + 0 non-ECS) [Instructor not paid by ACC]*
- 10 HIST-1301-086 LHS MW 3:30 pm (***LBJ High**, + 0 non-ECS)
- 9 HIST-1301-089 RHS MW 7:45am (***Reagan High**, + 0 non-ECS)

ECON-2301: Principles of Macroeconomics

- 33 ECON-2301-037 Dripping Springs
- 22 ECON-2301-031 LTR T 6:30 pm (Lake Travis High, + 7 non-ECS)
- 14 ECON-2301-033 ***Del Valle**

ECON-1302: Principles of Microeconomics

- 21 ECON-2302-017 Lockhart

SPCH-1311: Introduction to Speech Communication

- 14 SPCH-1311-038 San Marcos

SOCI-1301: Introduction to Sociology

- 12 SOCI-1301-024 Jarrell

PSYC-2301: Introduction to Psychology

- 8 PSYC-2301-080 San Marcos Baptist

BIOL-1408: Biology – Introductory Biology (for non-science majors)

- 15 BIOL-1408-009 *Harper* [Instructor not paid by ACC]

ARTS-1316: Drawing I

- 3 ARTS-1316-021 ***Garza** [Instructor not paid by ACC]

ECS enrollment in mixed sections – 57.3% of total ECS enrollment

MAIN CAMPUSES, 13 sections with 5 or more ECS students – 108 ECS enrollments (6.0%)

14 GOVT-2305-061 NRG MWF 10 am (Northridge, + 21 non-ECS – full)
9 ECON-2301-021 NRG W 7:05 pm (Northridge, + 22 non-ECS)
7 GOVT-2306-080 NRG Th 7:05 pm (Northridge, + 28 non-ECS – full)

7 HIST-1302-011 CYP W 6:30 pm (Cypress Creek, + 24 non-ECS)
6 SOCI-1301-007 CYP T 6:30 pm (Cypress Creek, + 21 non-ECS)
5 COSC-1301-011 CYP M 5:40 pm (Cypress Creek, + 13 non-ECS – almost full)

12 HIST-1302-017 PIN M 6:00 pm (Pinnacle, + 23 non-ECS – full)
11 GOVT-2305-026 PIN M 6:00 pm (Pinnacle, + 23 non-ECS – full)
10 HIST-1302-020 PIN Th 6:00 pm (Pinnacle, + 21 non-ECS)
8 ECON-2301-016 PIN MW 1:25 pm (Pinnacle, + 24 non-ECS)
7 GOVT-2305-005 PIN TTh 5:40 pm (Pinnacle, + 24 non-ECS)
6 PSYC-2301-019 PIN T 7:05 pm (Pinnacle, + 26 non-ECS)
6 SPAN-1511-013 PIN MWF 9:00 am (Pinnacle, + 22 non-ECS – full)

DISTANCE LEARNING, 8 sections with 5 or more ECS students – 48 ECS enrollments (2.7%)

9 COSC-1301-001 PCM (Distance Learning, + 64 non-ECS – full)
7 GOVT-2305-012 PCM (Distance Learning, + 36 non-ECS)
7 ENGL-1301-144 OPC (Distance Learning, + 16 non-ECS)
5 HIST-1301-088 OPC (Distance Learning, + 21 non-ECS)
5 KINE-1305-002 ITV (Distance Learning, + 42 non-ECS – almost full)
5 MRKG-1311-004 PRN (Distance Learning, + 15 non-ECS)
5 COSC-1301-004 PCM (Distance Learning, + 17 non-ECS – full)
5 GOVT-2305-099 PCM (Distance Learning, + 38 non-ECS)

OFF-CAMPUS CENTERS, 15 sections with 5 or more ECS students – 131 ECS enrollments (7.3%)

14 GOVT-2305-015 FBG W 6:00 pm (Fredricksburg, + 16 non-ECS)
13 ECON-2301-034 FBG W 6:00 pm (Fredricksburg, + 14 non-ECS – almost full)
12 HIST-1302-046 FBG Th 6:00 pm (Fredricksburg, + 17 non-ECS – full)
11 HIST-1301-117 FBG M 6:00 pm (Fredricksburg, + 18 non-ECS – full)
6 ENGL-1301-030 FBG M 6:00 pm (Fredricksburg, + 22 non-ECS – full)

10 GOVT-2305-040 ROR Th 5:30 pm (Round Rock High, + 9 non-ECS)
9 ENGL-1301-136 ROR T 5:30 pm (Round Rock High, + 16 non-ECS – almost full)
9 PSYC-2301-032 ROR T 5:30 pm (Round Rock High, + 18 non-ECS – full)
7 HIST-1301-028 ROR M 5:30 pm (Round Rock High, + 19 non-ECS – almost full)
6 ECON-2302-009 ROR M 5:30 pm (Round Rock High, + 4 non-ECS)

8 COSC-1300-055 SMC M 5:30 pm (San Marcos, + 9 non-ECS – full)
6 SPCH-1311-031 SML TTh 12:00 pm (San Marcos – Lamar Center, + 16 non-ECS – full)

9 ENGL-1301-006 BSP M 6:00 pm (Bastrop High, +19 non-ECS – full)
6 GOVT-2305-047 BSP Th 6:00 pm (Bastrop High, + 13 non-ECS)
5 ECON-2301-036 BSP TTh 6:00 pm (Bastrop High, + 4 non-ECS)

[524 other Fall 2004 mixed sections had from 1 to 4 ECS students] – 737 ECS enrollments (41.3%)