

Developmental Education Needs in the 2006 Entering Cohort

Includes degree and credential-seeking students entering public two and four-year institutions in Kentucky in the summer or fall of 2006

Table 1. Underprepared Students by Institution and Sector: Incoming Class of 2006

		2006 credential-seeking entering cohort with placement data	Students with one or more developmental need	
			No dev. needs	Dev. needs
Four-year public	Eastern Kentucky University	2,435	54.9%	45.1%
	Kentucky State University	587	13.5%	86.5%
	Morehead State University	1,368	47.1%	52.9%
	Murray State University	1,361	70.8%	29.2%
	University of Kentucky	4,165	84.9%	15.1%
	University of Louisville	2,443	81.3%	18.7%
	Western Kentucky University	3,205	56.3%	43.7%
	Northern Kentucky University	2,008	60.2%	39.8%
	Sector Total	17,572	65.8%	34.2%
Two-year public	Ky. Comm. & Tech. Coll. Sys.	10,346	22.3%	77.7%
	Sector Total	10,346	22.3%	77.7%
TOTAL		27,918	49.7%	50.3%

Note: Students were underprepared if they scored less than 18 on one or more ACT subject exams in math, English or reading. SAT, Compass, Accuplacer, Asset and non-standardized exams were used to categorize students if ACT scores were not available, even though the cut-off scores on these exams are only an approximation of ACT scores. Table totals may vary based on the amount of missing data for different student characteristics.

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Table 2. Underprepared Students by Subject, Institution and Sector

		2006 credential-seeking entering cohort with placement data	Developmental need in mathematics		Developmental need in English		Developmental need in reading	
			No dev. need	Dev. need	No dev. need	Dev. need	No dev. need	Dev. need
Four-year public	Eastern Kentucky University	2,418	66.3%	33.7%	76.8%	23.2%	81.1%	18.9%
	Kentucky State University	579	27.6%	72.4%	30.7%	69.3%	40.2%	59.8%
	Morehead State University	1,317	58.8%	41.2%	68.5%	31.5%	75.9%	24.1%
	Murray State University	1,361	80.7%	19.3%	88.0%	12.0%	89.4%	10.6%
	University of Kentucky	3,856	94.4%	5.6%	91.5%	8.5%	94.7%	5.3%
	University of Louisville	2,068	88.1%	11.9%	93.5%	6.5%	93.7%	6.3%
	Western Kentucky University	3,055	67.1%	32.9%	73.5%	26.5%	77.5%	22.5%
	Northern Kentucky University	1,995	73.7%	26.3%	79.6%	20.4%	83.9%	16.1%
	Sector Total	16,649	75.8%	24.2%	80.7%	19.3%	84.3%	15.7%
Two-year public	Ky. Comm. & Tech. Coll. Sys.	10,111	32.0%	68.0%	54.4%	45.6%	64.2%	35.8%
	Sector Total	10,111	32.0%	68.0%	54.4%	45.6%	64.2%	35.8%
TOTAL		26,760	59.2%	40.8%	70.7%	29.3%	76.7%	23.3%

Note: Students were underprepared if they scored less than 18 on one or more ACT subject exams in math, English or reading. SAT, Compass, Accuplacer, Asset and non-standardized exams were used to categorize students if ACT scores were not available, even though the cut-off scores on these exams are only an approximation of ACT scores. Table totals may vary based on the amount of missing data for different student characteristics.

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Table 3. Number of Subjects in which Students were Underprepared by Institution and Sector

		2006 credential-seeking entering cohort with placement data	Number of subjects in which students had developmental needs			
			None	One	Two	Three
Four-year public	Eastern Kentucky University	2,418	55.3%	22.4%	13.6%	8.7%
	Kentucky State University	579	13.3%	16.8%	25.2%	44.7%
	Morehead State University	1,317	46.8%	23.0%	16.7%	13.4%
	Murray State University	1,361	70.8%	19.5%	7.0%	2.8%
	University of Kentucky	3,856	84.6%	12.1%	2.7%	0.6%
	University of Louisville	2,068	80.0%	16.0%	3.4%	0.7%
	Western Kentucky University	3,055	55.6%	19.6%	11.9%	12.8%
	Northern Kentucky University	1,995	60.1%	21.7%	13.6%	4.7%
	Sector Total	16,649	64.9%	18.2%	9.6%	7.3%
Two-year public	Ky. Comm. & Tech. Coll. Sys.	10,111	21.9%	30.7%	23.3%	24.1%
	Sector Total	10,111	21.9%	30.7%	23.3%	24.1%
TOTAL		26,760	48.7%	22.9%	14.8%	13.6%

Note: Students were underprepared if they scored less than 18 on one or more ACT subject exams in math, English or reading. SAT, Compass, Accuplacer, Asset and non-standardized exams were used to categorize students if ACT scores were not available, even though the cut-off scores on these exams are only an approximation of ACT scores. Table totals may vary based on the amount of missing data for different student characteristics.

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Table 4. Preparation Level by Demographics

All KY Public Institutions	Students with one or more developmental need		Total
	No dev. needs	Dev. needs	
GENDER			
Female	49.8%	50.2%	14,686
Male	52.4%	47.6%	11,653
FULL/PART TIME			
Full time	54.7%	45.3%	23,486
Part time	20.2%	79.8%	2,853
RACE			
International Student	43.6%	56.4%	94
Black, Non-Hispanic	23.8%	76.2%	2,595
American Indian or Alaskan Native	45.3%	54.7%	64
Asian or Pacific Islander	62.1%	37.9%	351
Hispanic	50.5%	49.5%	372
White, Non-Hispanic	54.9%	45.1%	21,719
Unknown	35.7%	64.3%	1,144
RESIDENCY			
In-State	49.1%	50.9%	22,071
Out-of-State w/Tuition Reciprocity	42.7%	57.3%	614
Out-of-State w/o Tuition Rec.	63.4%	36.6%	3,627
Out-of-State, SREB or UK/UF	81.5%	18.5%	27
AGE			
17-24	54.2%	45.8%	24,112
25+	15.9%	84.1%	2,227
HIGH SCHOOL			
Kentucky	51.5%	48.5%	20,043
Out-of-state	57.7%	42.3%	5,039
KY GED	14.9%	85.1%	794
Other GED	15.1%	84.9%	463
All	51.0%	49.0%	26,339

Note: Students were underprepared if they scored less than 18 on one or more ACT subject exams in math, English or reading. SAT, Compass, Accuplacer, Asset and non-standardized exams were used to categorize students if ACT scores were not available, even though the cut-off scores on these exams are only an approximation of ACT scores. Table totals may vary based on the amount of missing data for different student characteristics.

Developmental Education Needs in the 2006 Entering Cohort

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Table 5. Recent High School Graduates: Underprepared Students by Institution and Sector: Incoming Class of 2006

		Graduates of Kentucky High Schools in 2005 or 2006 Who Entered College in Fall 2006	Students with one or more developmental need	
			No Dev. Need	Dev. Need
Four-year public	Eastern Kentucky University	1,824	54.7%	45.3%
	Kentucky State University	200	15.0%	85.0%
	Morehead State University	1,013	50.4%	49.6%
	Murray State University	882	70.7%	29.3%
	University of Kentucky	3,018	85.8%	14.2%
	University of Louisville	2,014	81.2%	18.8%
	Western Kentucky University	2,411	56.4%	43.6%
	Northern Kentucky University	1,264	63.9%	36.1%
	Sector Total	12,626	67.7%	32.3%
Two-year public	Ky. Comm. & Tech. Coll. Sys.	5,791	27.2%	72.8%
	Sector Total	5,791	27.2%	72.8%
TOTAL		18,417	55.0%	45.0%

Note: Students were underprepared if they scored less than 18 on one or more ACT subject exams in math, English or reading. SAT, Compass, Accuplacer, Asset and non-standardized exams were used to categorize students if ACT scores were not available, even though the cut-off scores on these exams are only an approximation of ACT scores. Table totals may vary based on the amount of missing data for different student characteristics.

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Table 6. Recent High School Graduates: Underprepared Students by Subject, Institution and Sector

		Graduates of Kentucky High Schools in 2005 or 2006 Who Entered College in Fall 2006	Developmental Need in Mathematics		Developmental Need in English		Developmental Need in Reading	
			No dev. needs	Dev. needs	No dev. needs	Dev. needs	No dev. needs	Dev. needs
Four-year public	Eastern Kentucky University	1,823	65.8%	34.2%	76.6%	23.4%	80.9%	19.1%
	Kentucky State University	200	27.0%	73.0%	34.0%	66.0%	44.0%	56.0%
	Morehead State University	1,009	61.1%	38.9%	71.3%	28.7%	76.7%	23.3%
	Murray State University	882	80.6%	19.4%	88.4%	11.6%	89.9%	10.1%
	University of Kentucky	2,983	95.3%	4.7%	91.7%	8.3%	95.5%	4.5%
	University of Louisville	1,872	88.2%	11.8%	93.8%	6.2%	93.6%	6.4%
	Western Kentucky University	2,394	66.5%	33.5%	73.1%	26.9%	77.9%	22.1%
	Northern Kentucky University	1,264	76.3%	23.7%	82.0%	18.0%	86.3%	13.7%
	Sector Total	12,427	77.5%	22.5%	82.4%	17.6%	86.0%	14.0%
Two-year public	Ky. Comm. & Tech. Coll. Sys.	5,688	40.1%	59.9%	52.1%	47.9%	60.3%	39.7%
	Sector Total	5,688	40.1%	59.9%	52.1%	47.9%	60.3%	39.7%
TOTAL		18,115	65.8%	34.2%	72.9%	27.1%	77.9%	22.1%

Note: Students were underprepared if they scored less than 18 on one or more ACT subject exams in math, English or reading. SAT, Compass, Accuplacer, Asset and non-standardized exams were used to categorize students if ACT scores were not available, even though the cut-off scores on these exams are only an approximation of ACT scores. Table totals may vary based on the amount of missing data for different student characteristics.

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Table 7. Recent High School Graduates: Number of Subjects in which Students were Underprepared by Institution and Sector

		Graduates of Kentucky High Schools in 2005 or 2006 Who Entered College in Fall 2006	Number of subjects in which students had developmental needs			
			None	One	Two	Three
Four-year public	Eastern Kentucky University	1,823	54.7%	22.6%	13.9%	8.8%
	Kentucky State University	200	15.0%	21.0%	18.0%	46.0%
	Morehead State University	1,009	50.3%	21.5%	15.1%	13.1%
	Murray State University	882	70.7%	19.6%	7.5%	2.2%
	University of Kentucky	2,983	85.7%	11.6%	2.2%	0.5%
	University of Louisville	1,872	80.0%	16.3%	3.2%	0.6%
	Western Kentucky University	2,394	56.2%	18.5%	11.9%	13.4%
	Northern Kentucky University	1,264	63.9%	20.3%	12.3%	3.5%
	Sector Total	12,427	67.3%	17.7%	8.6%	6.4%
Two-year public	Ky. Comm. & Tech. Coll. Sys.	5,688	27.0%	24.9%	21.7%	26.4%
	Sector Total	5,688	27.0%	24.9%	21.7%	26.4%
TOTAL		18,115	54.7%	19.9%	12.7%	12.7%

Note: Students were underprepared if they scored less than 18 on one or more ACT subject exams in math, English or reading. SAT, Compass, Accuplacer, Asset and non-standardized exams were used to categorize students if ACT scores were not available, even though the cut-off scores on these exams are only an approximation of ACT scores. Table totals may vary based on the amount of missing data for different student characteristics.

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Table 8. Recent High School Graduates: Preparation Level by Demographics

All KY Public Institutions	Students with one or more developmental need		Total
	No dev. needs	Dev. needs	
GENDER			
Female	54.5%	45.5%	9,769
Male	56.4%	43.6%	8,128
FULL/PART TIME			
Full time	57.5%	42.5%	16,694
Part time	25.1%	74.9%	1,203
RACE			
International Student	38.1%	61.9%	42
Black, Non-Hispanic	26.2%	73.8%	1,450
American Indian or Alaskan Native	46.3%	53.7%	41
Asian or Pacific Islander	67.1%	32.9%	237
Hispanic	53.4%	46.6%	236
White, Non-Hispanic	58.9%	41.1%	15,154
Unknown	37.0%	63.0%	737
All	55.3%	44.7%	17,897

Note: Students were underprepared if they scored less than 18 on one or more ACT subject exams in math, English or reading. SAT, Compass, Accuplacer, Asset and non-standardized exams were used to categorize students if ACT scores were not available, even though the cut-off scores on these exams are only an approximation of ACT scores. Table totals may vary based on the amount of missing data for different student characteristics.