

**University of California Office of the President
Time-to-Doctorate at UC and Comparison Institutions
2007-2009 Exit Cohorts**

Introduction

The amount of time taken to complete the doctoral degree is an important measure of both institutional effectiveness and student success. UCOP regularly conducts systemwide time-to-doctorate studies to track and document the progress of UC students, with the most recent study conducted in 2008 for the 2004-06 doctoral exit cohorts. This is an update to that study, and focuses on the 2007-2009 exit cohorts, the most recent exit cohorts available. This report also provides national and comparative statistics in time-to-doctorate for UC campuses and selected higher education institutions. The results of this study should provide UC campuses, UC policymaking bodies (e.g. Regents, Academic Senate, etc.) and the general public with key outcome measures for UC's graduate education enterprise.

Methodology

This study focuses on UC doctoral recipients receiving their degrees in the 2007-08, 2008-09 and 2009-10 academic years (i.e. 2007-2009 Exit Cohorts). The combined cohorts create a population large enough for analyses at the discipline level. To focus on academic doctorate recipients, we include PhDs in any discipline as well as other academic doctorates in a small number of other programs¹. Students in graduate professional programs (e.g. J.D., M.D., MBA, PharmD, etc.) or other doctoral programs regarded as professional are excluded from the study, as are those in dual degree programs, joint majors, and self-supporting programs. As a result of these criteria, the study population contains about 10,000 doctoral recipients across the 2007-09 exit cohorts. Descriptive statistics of the exit cohorts are provided in Appendix 1.

Time-to-doctorate is expressed as the number of years required to complete the doctorate, both registered and elapsed. Summer sessions are excluded since students are not enrolled full-time during summers. Time of entry is defined as the first term in which students enrolled in an academic doctoral program, or in an MA or MS program that is substantially related to their doctoral study². Time of

¹ Other doctoral programs include Doctor of Public Health, Doctor of Education, Doctor of Engineering, Doctor of Environmental Science and Engineering, and Doctor of Music Arts that were identified by campuses as academic when reporting data to the UCOP Corporate Student System. As part of the process to create a new major in the UCOP CSS, campuses indicate whether the program is academic or professional at both the master's and doctoral level. This campus indication, combined with the doctoral level status of the student, serves as the determination of whether a student is enrolled in an academic doctoral program and, therefore, included in the study population.

² We first included time spent at Masters level only if student moved to doctoral study within the same major. However, most students moved to doctoral study from a substantially related major in a different major name (e.g. from biological chemistry to chemistry), or a different major code (e.g. from 117 to 153), or even a different CIP category code (e.g. from 26 to 40). We decided to consider the time students spent in MA or MS programs, since most of these programs are related to their doctoral studies. Considering the time spent in the same major would likely underestimate the time to doctorate.

completion is defined as the term in which a doctoral degree was awarded. Students that begin or complete their studies mid-way through the academic year are credited with the appropriate fraction of one year's attendance.

The study uses Elapsed Time and Registered Time as two main measures of time-to-doctorate. Elapsed time-to-doctorate (ETD) represents the total elapsed time starting from entry into a graduate program to doctorate degree completion, with leaves of absence or other enrollment lapses counting toward the ETD. Registered time-to-doctorate (RTD) is defined as the total time in which the student was formally registered in graduate study at the campus. The RTD does not count enrollment lapses toward the completion time. We present both ETD and RTD in medians rather than the means, since medians are more robust against extreme observations.

The study uses a methodology employed by previous time-to-doctorate studies, agreed upon by the campuses, and based on enrollment and completions data in UCOP's Corporate Student System (CSS). The study provides median ETD and RTD for the UC system and each UC campus by broad discipline and dimensions of student characteristics including gender, ethnicity and residence status. To track trends over time, the current results are compared with those from the previous UCOP studies based on 2000-2002 and 2004-2006 exit cohorts. The study also has a comparative data section, which uses student self-reported data from the Survey of Earned Doctorates (SED) to estimate ETD for UC and comparison institutions.

UC Time-to-doctorate calculations based on the CSS may differ from time-to-doctorate calculations based on the SED due to the former being administrative data, and the latter being self-reported survey data. The administrative data capture 100% of the students in the study population with their actual enrollment. The SED data do not cover all students due to a small number of missing responses. SED time-to-doctorate calculations rely largely on student recollections of their enrollment histories. Since SED is only able to collect the total amount of time students stay in their doctoral programs, the comparative study only reports on the ETD.

Data Sources

The data source for UC ETD and RTD calculations is the UCOP CSS, which has degree completion information since 1999 and student enrollment and demographic information back to 1985. This data source contains full enrollment histories of 98% of the doctoral recipients in the study population.³ The CSS data are provided by the campuses according to a standard set of input specifications and variable definitions, making the data and resulting analyses consistent across campuses.

The data source for comparative ETD measures is the Survey of Earned Doctorates, a survey conducted by the National Opinion Research Center (NORC) on behalf of the National Science Foundation (NSF). Each year, NORC collects information from new U.S. research doctoral graduates about their

³ Student enrollment records prior to 1985 are not available in the CSS.

demographics, educational histories, funding sources, and post-graduation plans. These data are added to SED history data every year to maintain a national record of all doctoral students graduated in the U.S since 1920.

Organization of the Report

This report is divided into three parts: Part I assesses the two measures of time-to-doctorate for the UC system by broad discipline, gender, ethnicity, and residence status. Part II provides a comparison of time-to-doctorate between UC campuses, disaggregated by campus and broad field. Part III presents time-to-doctorate comparisons between UC, AAU and research intensive institutions by broad discipline, gender and ethnicity.

Part I. Systemwide Findings

Elapsed and Registered Time

Overall, UC students in the 2007-09 exit cohorts took a median of 6 elapsed years and 5.3 registered years to complete the doctorate. As shown in Figure 1, time-to-degree measures varied across disciplines. Humanities had the longest ETD (7 years) followed by Arts (6.7 years) and Social Sciences (6.3 years). Health Sciences had the shortest ETD (5.3 years), followed by Engineering and Computer Sciences (5.5 years), and then Professional Fields (5.7 years). The RTD showed a similar pattern with Humanities and Social Sciences having the longest time (6 years), and Health Sciences, Professional Fields, Physical Sciences, and Engineering and Computer Sciences having the shortest time (5 years). Across disciplines, the gap between the median ETD and RTD was 0.7 years. The largest gap was 1 year in Physical Sciences, Arts and Humanities. The smallest gap was 0.2 years in Multi/Interdisciplinary fields.

Table 1 summarizes the median ETD and RTD for the 2007-09 exit cohorts, as well as the 2004-06 and 2000-02 exit cohorts in the two previous UCOP studies. Comparing to the historical results, the overall median ETD declined between the 2000-02 cohorts (6.0 years) and 2004-06 cohorts (5.8 years), only to increase slightly for the 2007-09 cohorts (6.0 years). The median RTD decreased consistently by 0.1 years from the 2000-02 cohorts (5.5 years) to the 2004-06 and the 2007-09 cohorts (5.3 years).

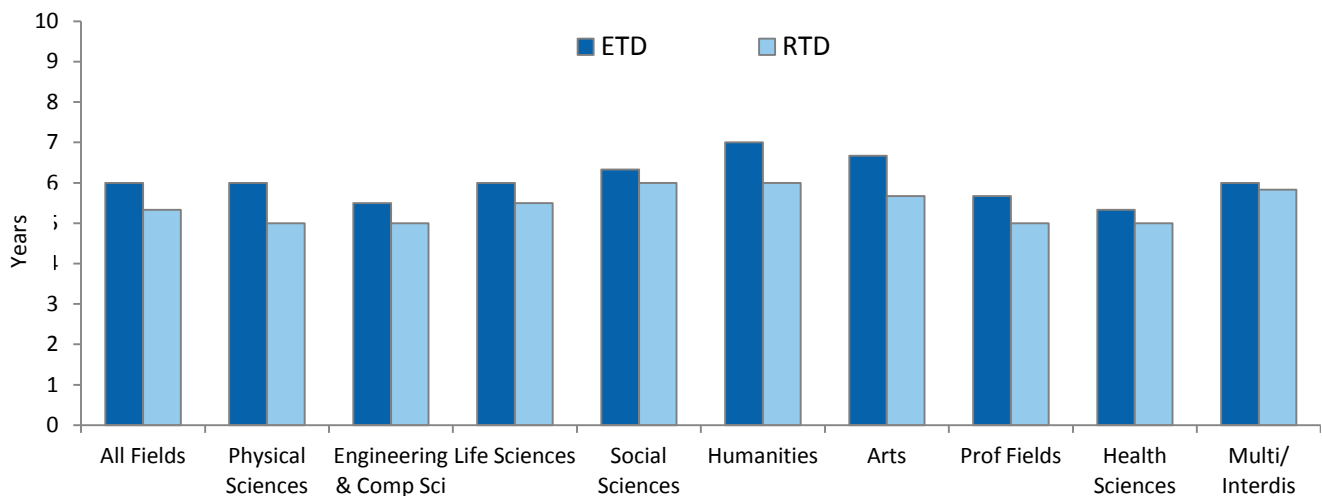
While the ETD and RTD have largely remained flat or declined since 2000, the gap between them has increased from 0.5 years in the 2000-02 cohorts to 0.7 years in the 2007-09 cohorts. This suggests that while students are able to complete the doctorate in less registered time, longer enrollment lapses result in the same amount of elapsed time.

Figure 2 and 3 shows the trends of time-to-degree by broad field of study.⁴ In general, the amount of time needed to complete the doctoral degree decreased over time. The median ETD decreased for disciplines including Humanities, Arts, and Social Sciences which usually need longer times to complete. Disciplines such as Physical Sciences, and Engineering and Computer Sciences that require shorter times showed increased ETD. The median RTD displayed less variation over the years, with most disciplines showing the same or slightly shorter times.

Table 1. UC Doctoral Elapsed and Registered Time-to-Degree (Median Years) by Broad Field 2000-02, 2004-06 and 2007-09 Exit Cohorts

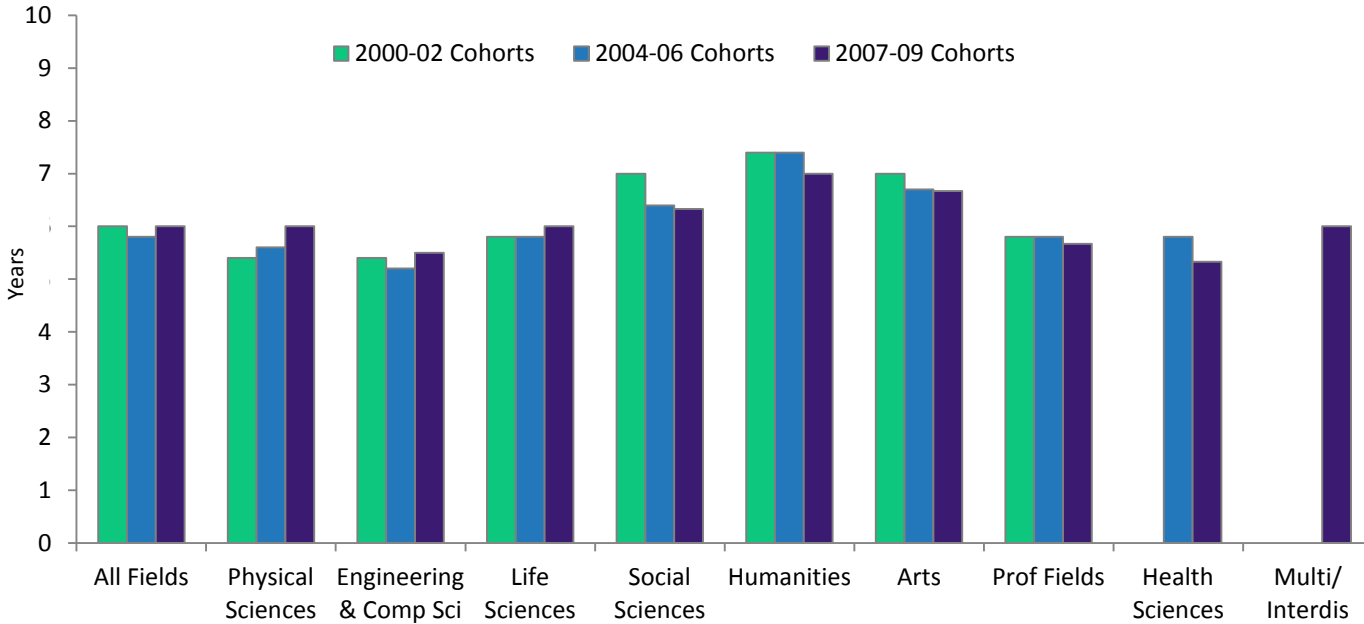
Cohorts	All Fields	Physical Sciences	Eng. & Comp Sci.	Life Sciences	Social Sciences	Humanities	Arts	Prof Fields	Health Sciences	Multi/ Interdis.
ETD										
2000-02	6.0	5.4	5.4	5.8	7.0	7.4	7.0	5.8	-	-
2004-06	5.8	5.6	5.2	5.8	6.4	7.4	6.7	5.8	5.8	-
2007-09	6.0	6.0	5.5	6.0	6.3	7.0	6.7	5.7	5.3	6.0
RTD										
2000-02	5.5	5.0	5.0	5.7	6.0	6.0	6.0	5.0	-	-
2004-06	5.4	5.2	5.0	5.6	6.0	6.2	5.5	5.0	5.2	-
2007-09	5.3	5.0	5.0	5.5	6.0	6.0	5.7	5.0	5.0	5.8

Figure 1. UC Doctoral Elapsed and Registered Time-to-Degree (Median Years) by Broad Field - 2007-09 Exit Cohorts

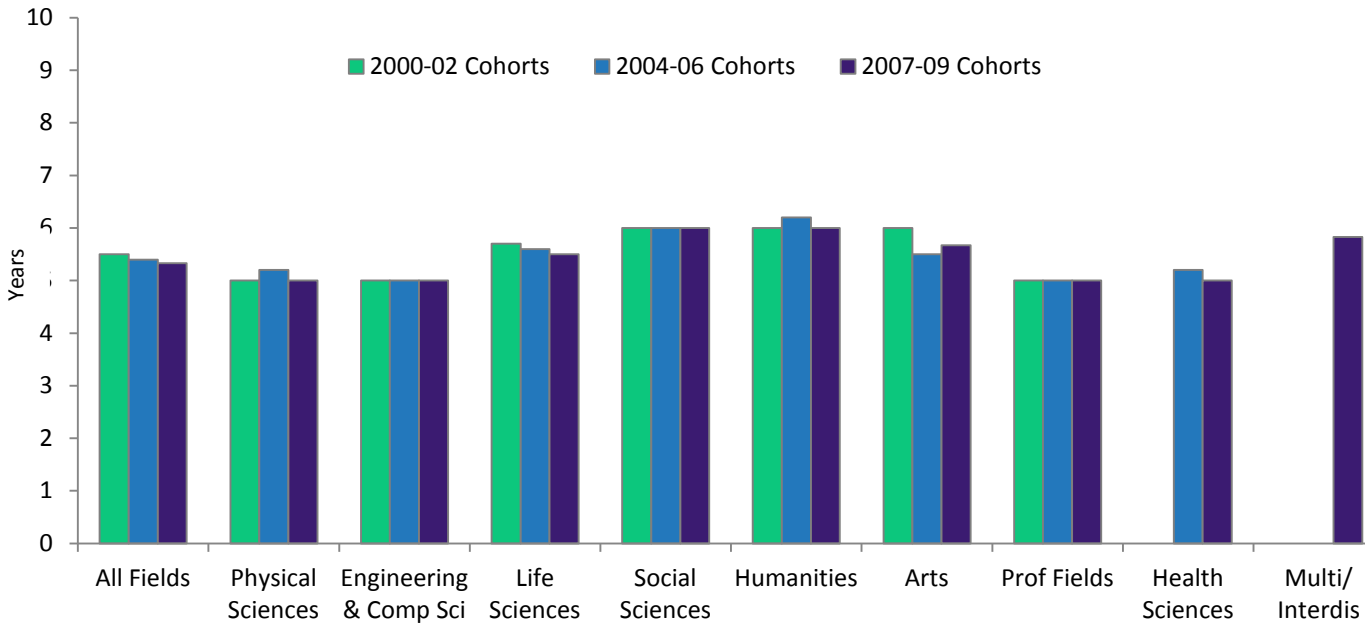


⁴ A change occurred in the way History was reported between the comparison UC reports. In 2000-02 study, History was included in Social Sciences/Psychology. In 2004-06 and the most recent study, History was included in Humanities.

**Figure 2. Elapsed Time-to-Doctorate (Median Years) by Broad Field
UC 2000-02, 2004-06 and 2007-09 Exit Cohorts**



**Figure 3. Registered Time-to-Doctorate (Median Years) by Broad Field
UC 2000-02, 2004-06 and 2007-09 Exit Cohorts**



Subgroup Analysis

The study also assesses the time-to-doctorate measures by several different demographic dimensions – gender, ethnicity, and residence status at time of entry (international/domestic).

Figure 4 shows the two time-to-degree measures by gender and broad discipline for the 2007-09 exit cohorts. Overall, there was no gender difference in the median ETD. The median RTD was slightly larger for the females (5.3 years) than for the males (5 years), suggesting longer enrollment lapses for men. The gender gap was bigger, or sometimes reversed, within the broad fields. Overall, the females had longer time-to-degree in Arts, Social Sciences and Humanities while the males had longer time-to-degree in Health Sciences. Appendix 2a and 2b present the detailed figures of the gender analysis.

Figure 4. UC Doctoral Elapsed and Registered Time-to-Degree (Median Years) by Gender and Broad Field, 2007-09 Exit Cohorts

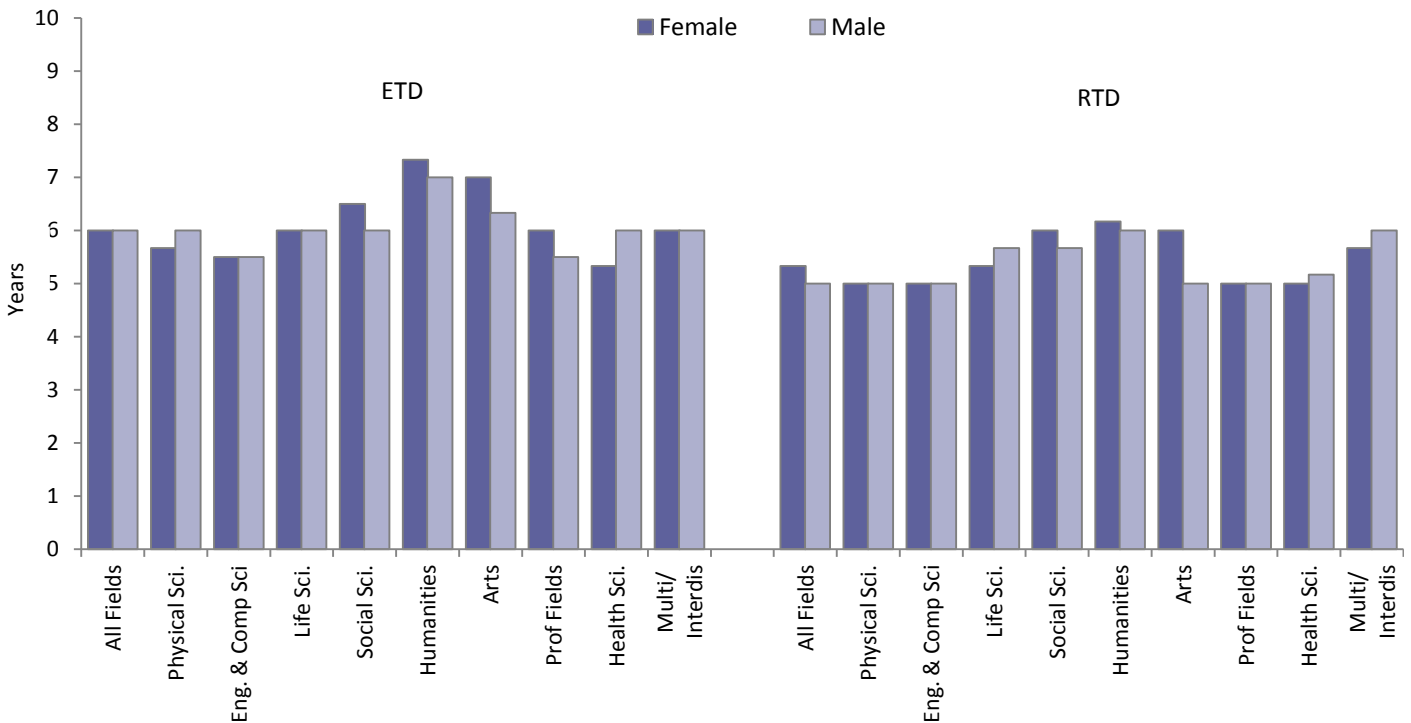
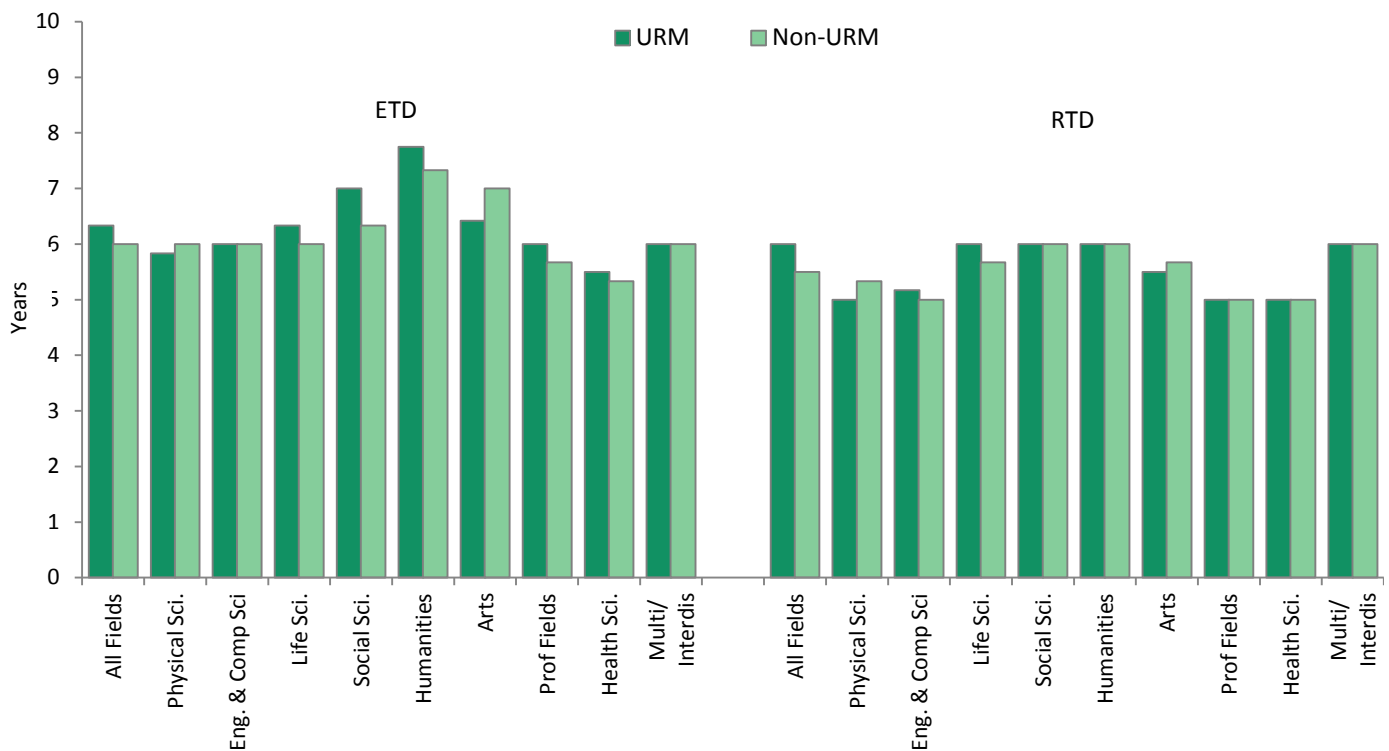


Figure 5. UC Doctoral Elapsed and Registered Time-to-Degree (Median Years) by Ethnicity and Broad Field, U.S. Citizens and Permanent Residents, 2007-09 Exit Cohorts



The time-to-degree measure varied somewhat by ethnicity, as shown in Figure 5. The median ETD for all fields was 6.3 years for Under-Represented Minorities (URMs)^{5,6} and 6 years for non-URMs⁶. The median RTDs for the URMs and the non-URMs were 6 years and 5.5 years respectively. Across disciplines, the URMs had larger median ETD than the non-URMs except in Physical Sciences and Arts⁷. The difference in the median RTD was comparatively small. In many fields, the median RTDs appeared to be the same for the two groups. Detailed figures of the ethnicity analysis are listed in Appendix 3a and 3b.

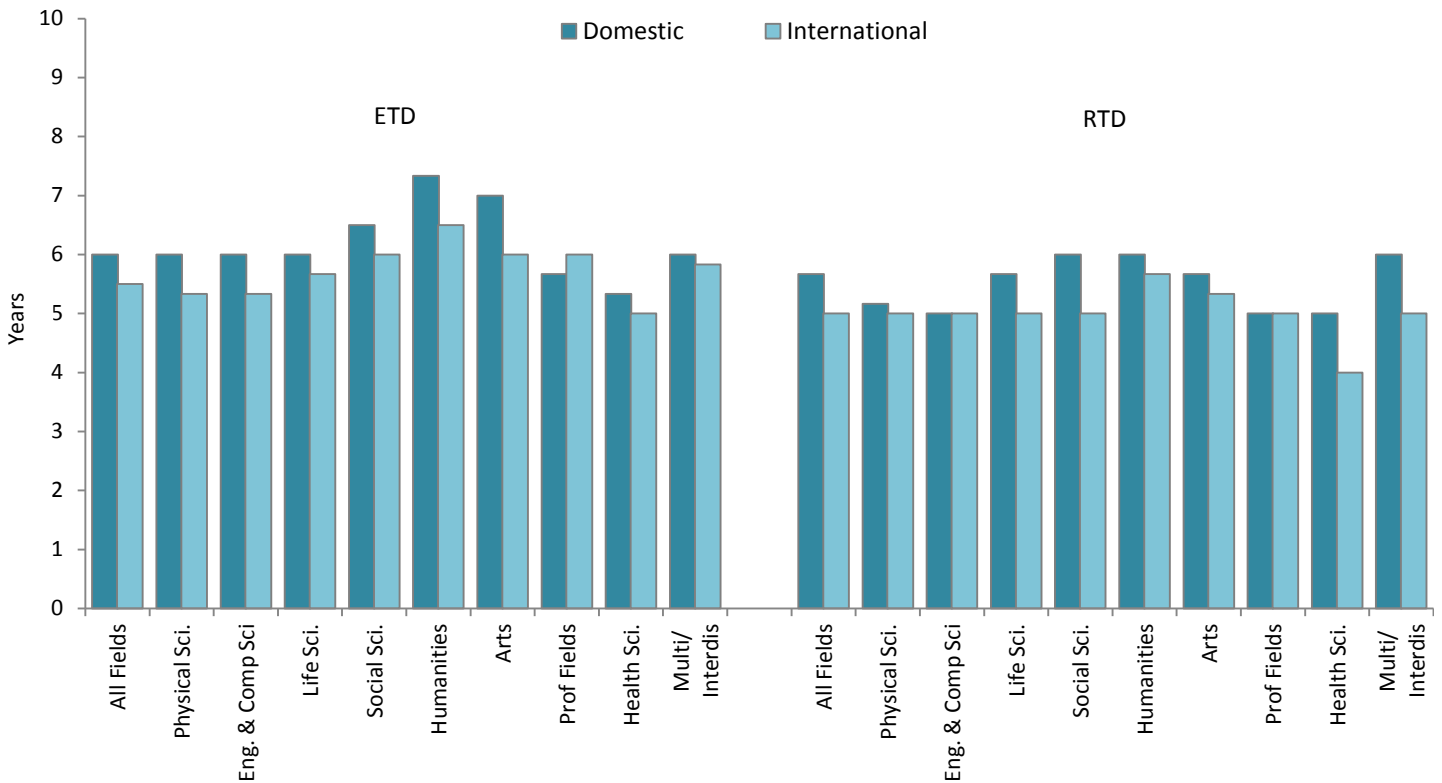
Due to the small number of URM students in the cohorts, results from the subgroup analysis on the URMs should be interpreted with caution. Overall, there were only 775 URMs compared to 6,384 non-URMs out of a total of 9,816 doctoral recipients in the 2007-09 cohorts. The size of the URM population is even smaller when grouped by disciplines.

⁵ URMs include African American, American Indian and Hispanic/Latino students.

⁶ URM and non-URM groups are limited to U.S. Citizens and Permanent Residents.

⁷ The URM populations were rather small in the two fields and the results need to be viewed with caution.

Figure 6. UC Doctoral Elapsed and Registered Time-to-Degree (Median Years) by Residence Status and Broad Field, 2007-09 Exit Cohorts



Time-to-degree differences were significant between domestic and international students. Overall, the international students took less time to complete a doctoral degree than domestic students. The median ETD was 5.5 years for the internationals and 6 years for the domestics. The difference in the median RTD was larger between the two groups, with the internationals having 5 years and the domestics having 5.7 years. Across disciplines, the international students had shorter time-to-degree in all fields except in Professional Fields. Detailed figures can be found in Appendix 4a and 4b.

The 2007-09 exit cohorts had a total of 2,657 international students, representing 27% of the overall cohort and an even higher percentage in STEM fields. Therefore, small sample size is less of a problem for this subgroup analysis.

Part II. Campus Comparisons

Figure 7 and 8 display the overall trends of time-to-doctorate by UC campus. In the 2007-09 cohorts, the median ETD did varied little across campuses. The majority of the campuses had a median ETD equivalent to the system level (6 years).

The RTD measure varied slightly across campuses. The median RTD for the 2007-09 cohorts ranged from 5 years to 6 years,⁸ with UCD and UCR having the shortest RTD, and UCSF and UCSC having the longest RTD. The previous cohorts exhibited similar variation. While systemwide median RTD declined over the years, most campuses experienced fluctuation in their RTD, with the exceptions of UCR and UCLA which experienced consistent declines since 2000.

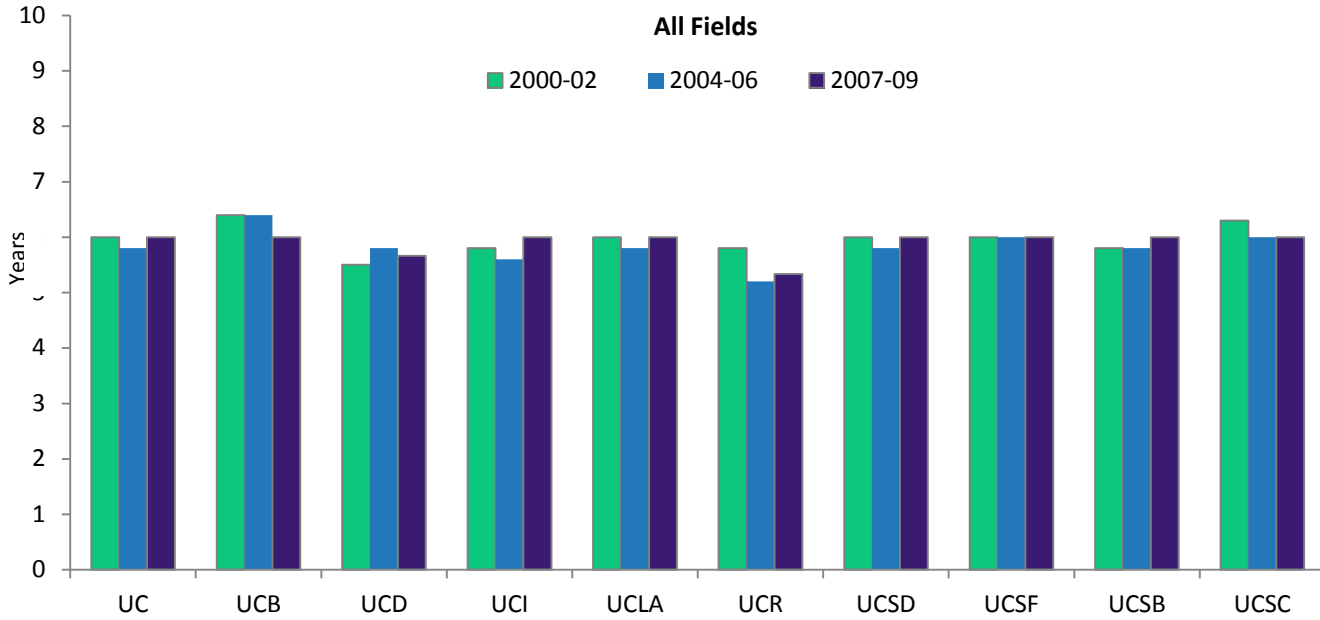
Figure 9 shows the time-to-degree measures by campus and broad discipline for the 2007-09 cohorts. Overall, individual campuses did not differ significantly in the median ETD and RTD. Considerable variation was observed among certain disciplines such as Arts, Humanities, Professional Fields, and Multi/Interdisciplinary fields, and small variation was found in Life Sciences, and Engineering and Computer Sciences. More detailed comparative data of time-to-degree by campus and broad discipline can be found in Appendix 5 and 6.

**Table 2. UC Doctoral Elapsed and Registered Time-to-Degree (Median Years) by Campus
2000-02, 2004-06 and 2007-09 Exit Cohorts**

Cohort	UC	UCB	UCD	UCI	UCLA	UCR	UCSD	UCSF	UCSB	UCSC
ETD										
2000-02	6.0	6.4	5.5	5.8	6.0	5.8	6.0	6.0	5.8	6.3
2004-06	5.8	6.4	5.8	5.6	5.8	5.2	5.8	6.0	5.8	6.0
2007-09	6.0	6.0	5.7	6.0	6.0	5.3	6.0	6.0	6.0	6.0
RTD										
2000-02	5.5	5.5	5.0	5.7	5.7	5.7	6.0	-	5.7	6.0
2004-06	5.4	5.4	5.2	5.2	5.2	5.2	5.6	6.0	5.2	5.6
2007-09	5.3	5.5	5.0	5.3	5.0	5.0	5.7	6.0	5.3	6.0

⁸ We did not include UC Merced in the campus comparisons since it only had 15 Ph.D. graduates in the 2007-09 cohorts, which is too small of a population to draw conclusions.

**Figure 7. Elapsed Time-to-Doctorate (Median Years) by Campus
UC 2000-02, 2004-06 and 2007-09 Exit Cohorts**



**Figure 8. Registered Time-to-Doctorate (Median Years) by Campus
UC 2000-02, 2004-06 and 2007-09 Exit Cohorts**

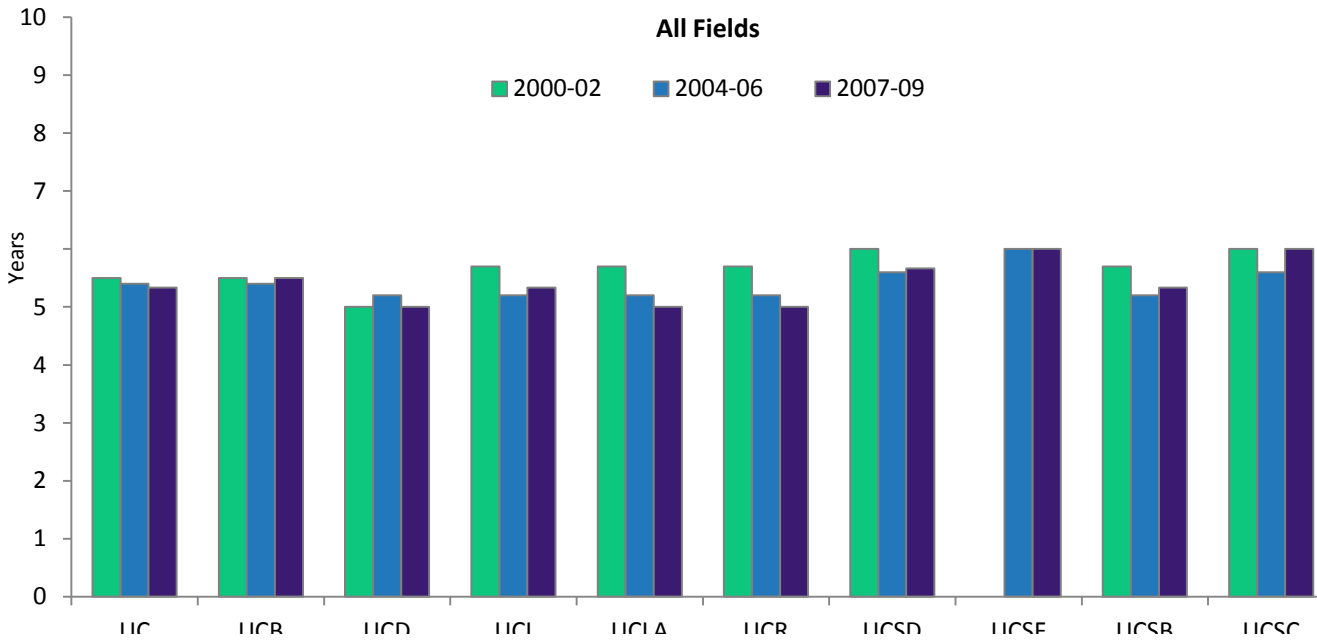
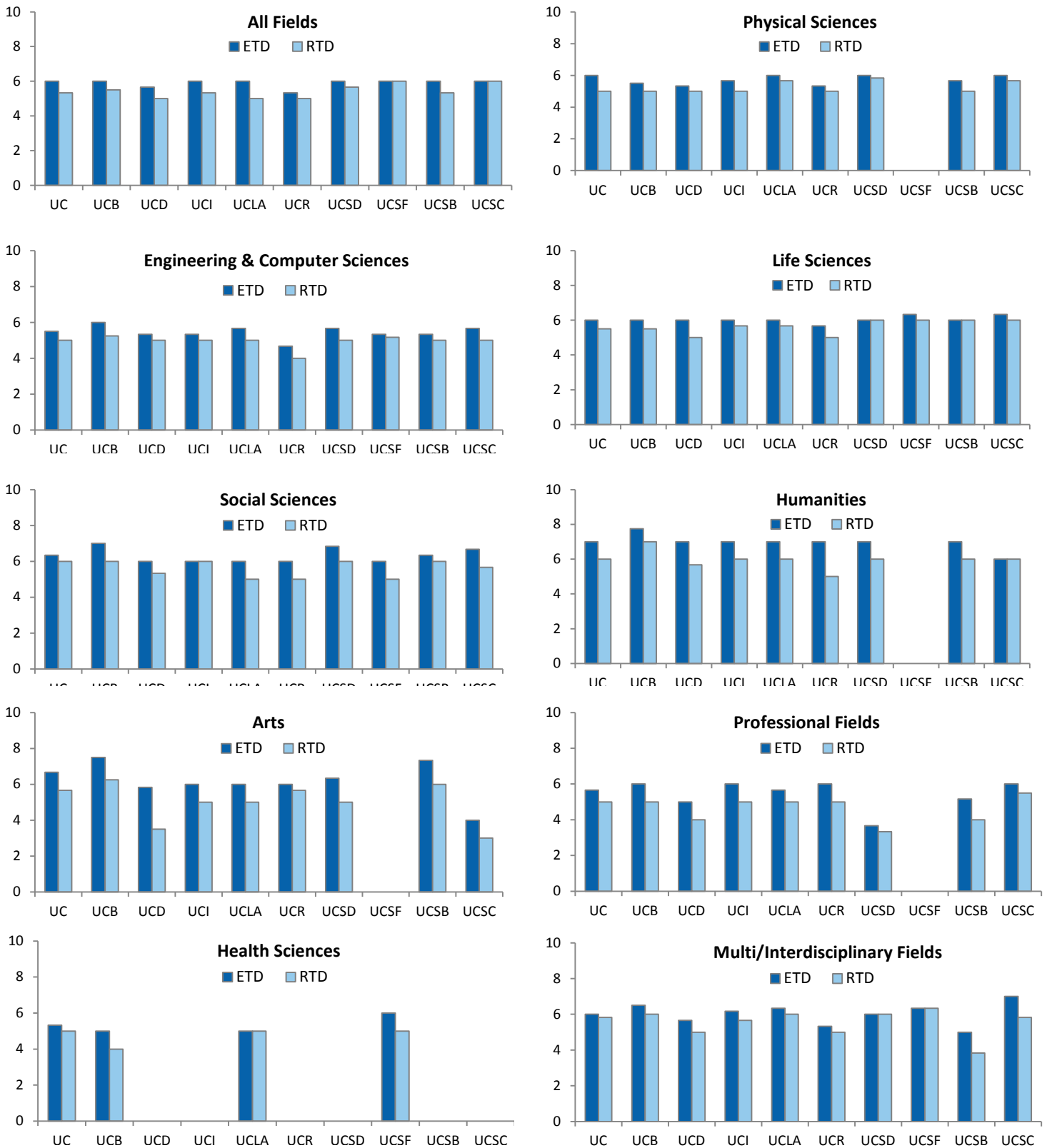


Figure 9. UC Doctoral Elapsed and Registered Time-to-Degree (Median Years) by Campus and Broad Field, 2007-09 Exit Cohorts

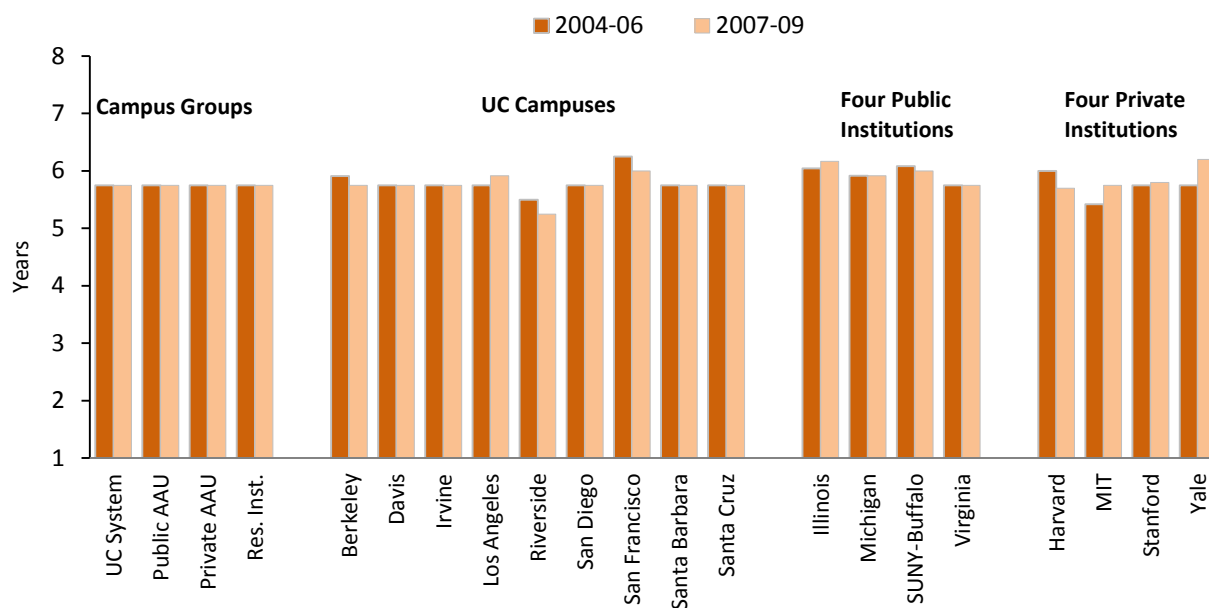


Part III. UC and Comparison Institutions

Elapsed Time-to-Degree

We compared UC's elapsed time-to-doctorate figures to comparison institutions using data from the Survey of Earned Doctorates (SED).⁹ The comparative data include the median ETDs of nine UC campuses excluding UC Merced, and eight selected institutions (four public¹⁰ and four private¹¹) that UC historically uses for comparisons. The comparative data also includes the median ETDs of the UC system as well as all public and private U.S. institutions^{12,13} belonging to the American Association of Universities (AAU), and very high research U.S. institutions.¹⁴ We used SED data for both UC and comparison institutions to ensure consistent comparisons between them. Figure 10 below displays the comparative results for the 2004-06 and 2007-09 SED exit cohorts.

**Figure 10. Elapsed Time-to-Doctorate (Median Years)
UC and Comparison Institutions, 2004-06 and 2007-09 Exit Cohorts**



⁹ SED data use fiscal years instead of academic years. The 2007-09 fiscal year exit cohorts in SED reports correspond to 2006-08 academic exit cohorts in UC reports.

¹⁰ University of Illinois - Urbana, University of Michigan - Ann Arbor, State University of New York - Buffalo, and University of Virginia.

¹¹ Harvard University, Massachusetts Institute of Technology, Stanford University, and Yale University.

¹² Excludes UC institutions.

¹³ Based on 2009 AAU membership.

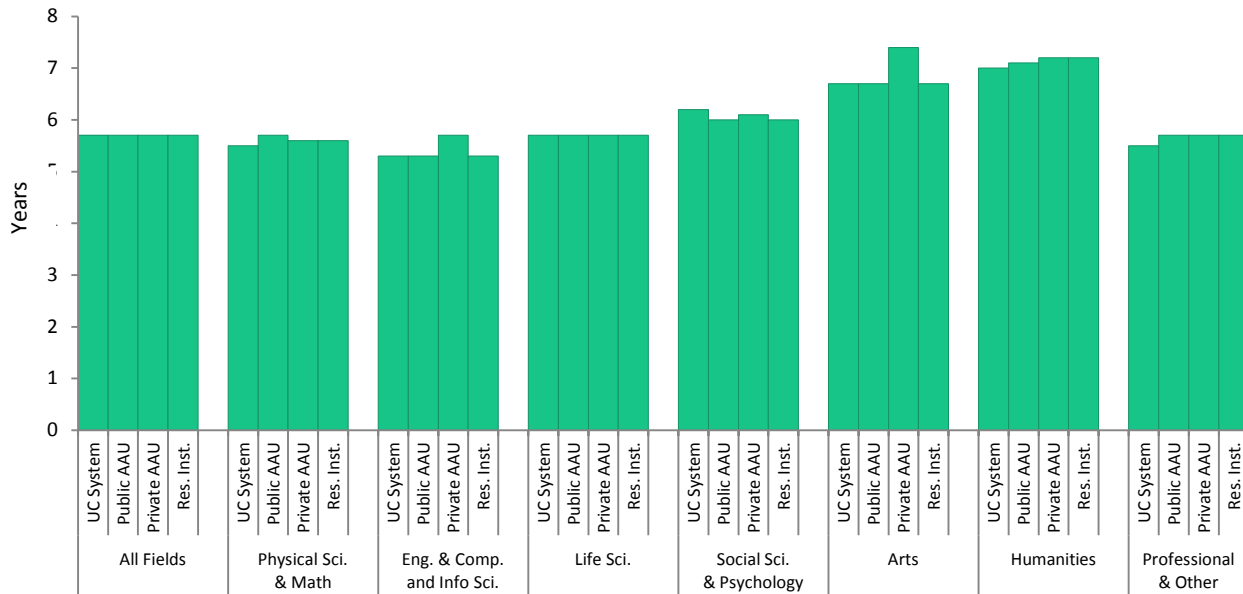
¹⁴ As defined by the 2005 basic Carnegie Classification 15 "Research Universities (very high research activity)". In the last request for the 2003-05 exit cohort, very high research U.S. institutions were replaced by all U.S. Institutions.

UC's overall ETD is roughly the same as other research intensive universities. UC's systemwide ETD (5.7 years) was the same as AAU and all national research institutions combined. There was also no change in time-to-doctorate from the 2004-06 and 2007-09 SED cohorts for UC and the comparison institution groups.

UC's individual campuses compare favorably to the AAU and the traditional public and private comparison institutions. For the 2007-09 cohorts, most UC campuses had the same time-to-doctorate measure (5.7 years) as the broad comparison institution groups, and were in many cases lower than the eight public and private comparison institutions. UCSF had the longest time-to-degree (6 years) and UCR had the shortest time (5.2 years). Among comparison institutions, Yale and Illinois had the longest time (6.2 years). Collectively, the UC system had the same median ETD as the four private institutions (5.7 years), and a lower time-to-doctorate than the four selected public institutions (5.9 years).

We used the SED data to assess time-to-doctorate measures by broad field of study. Figure 11 presents the comparative data of the 2007-09 cohorts for the UC system and other institution groups in seven broad fields¹⁵. UC's overall ETD is the same or below the broad comparison groups within each discipline, with the sole exception of social sciences where UC's median ETD exceeds the comparison groups.

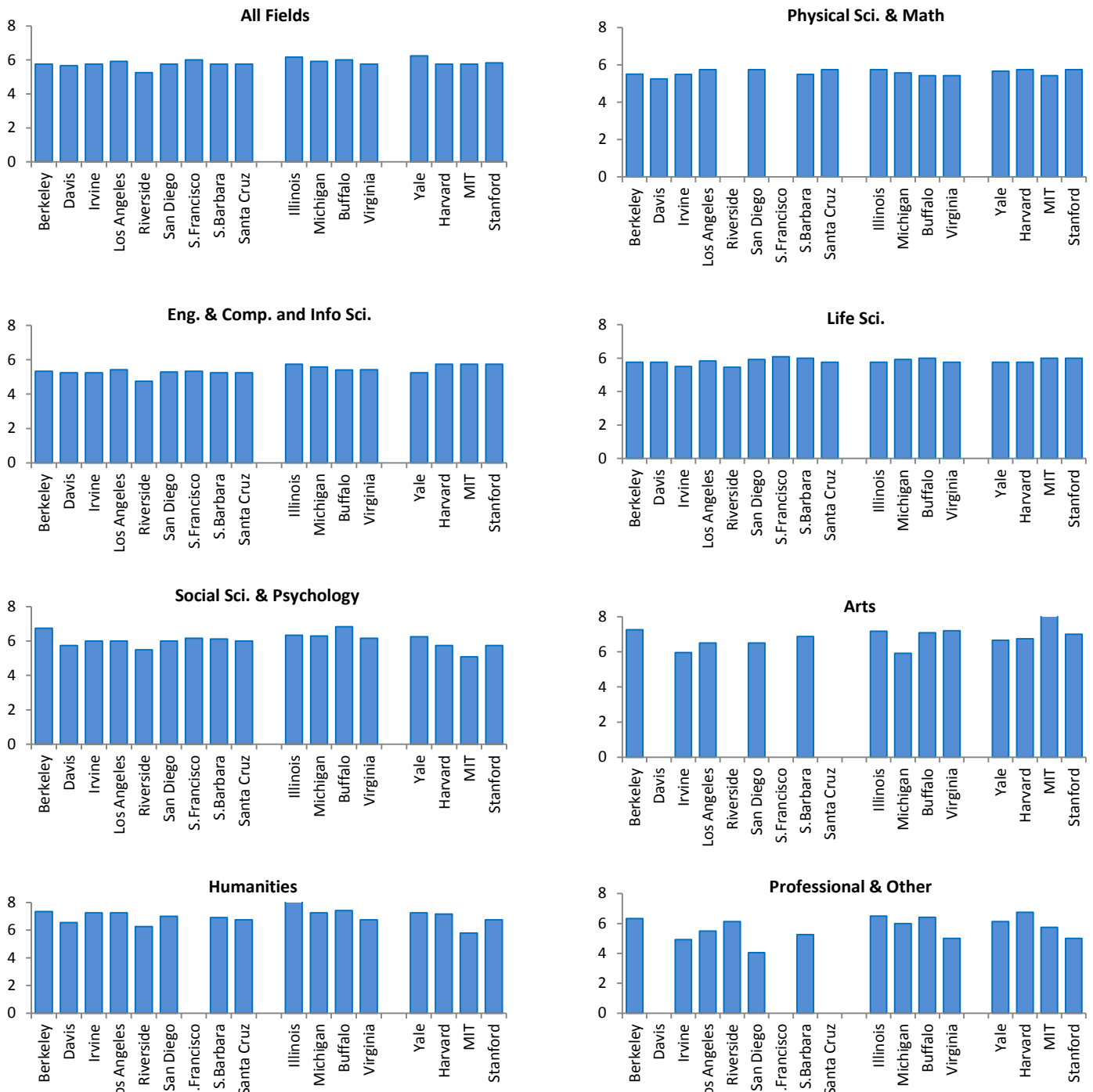
Figure 11. Elapsed Time-to-Doctorate (Median Years) by Campus and Broad Field UC System and AAU Institutions, 2007-09 Exit Cohorts



¹⁵ Includes Physical Sciences and Mathematics, Engineering and Computer and Information Sciences, Life Sciences, Social Sciences and Psychology, Arts, Humanities, and Professional and Other Fields.

Figure 12 compares individual UC campus ETD with the eight public and private institutions by broad field. Overall, UC campuses show similar or lower median ETD than the comparison institutions within each of the broad fields of study.

Figure 12. Elapsed Time-to-Doctorate (Median Years) by Campus and Broad Field
UC Campuses and Comparison Institutions, 2007-09 Exit Cohorts



Subgroup Analysis

We used the SED data to examine the difference in time-to-degree between males and females at UC and the comparison institutions. Figure 13 displays the comparative results of UC campuses and the eight comparison institutions for the 2007-09 cohorts.

Overall, females had slightly longer time to degree than males at both UC campuses and comparison institutions. The gap between males and females was greatest at UCB (0.6 years), while there was virtually no gap at UCI, Virginia, Yale and MIT. UCD and UCSF were the only campuses to exhibit higher median ETD for males. Although gender difference existed in most UC campuses, the gap was not significantly different from that of the comparison institutions. Appendix 7 provides detailed figures of the gender analysis.

**Figure 13. Elapsed Time-to-Doctorate (Median Years) by Gender
UC and Comparison Institutions, 2007-09 Exit Cohorts**

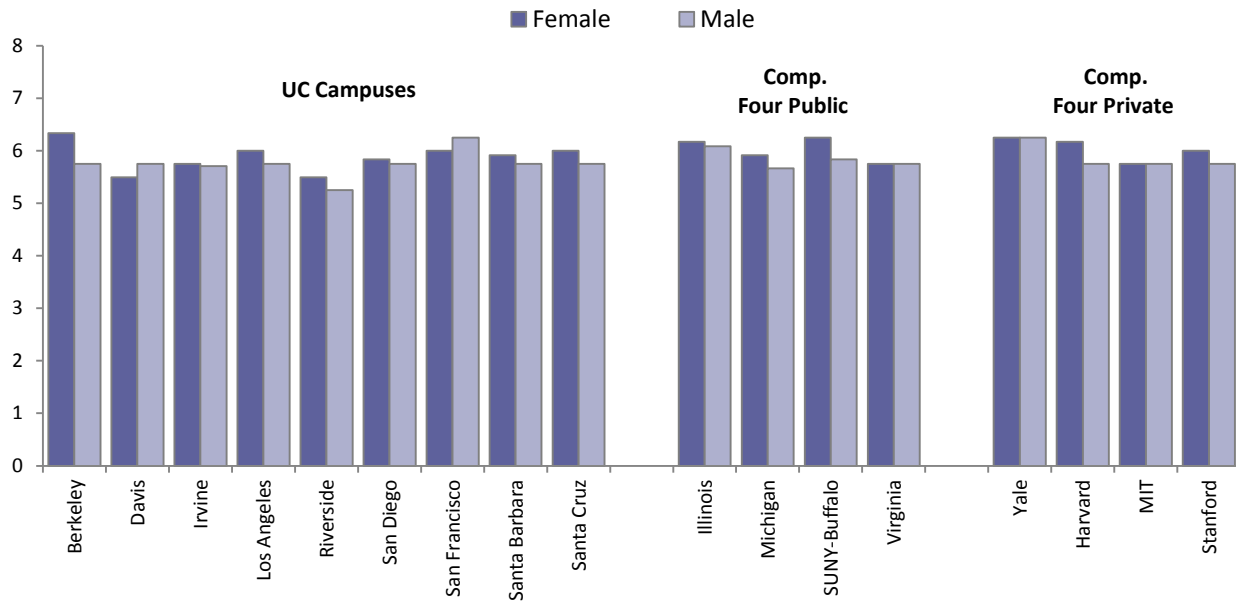
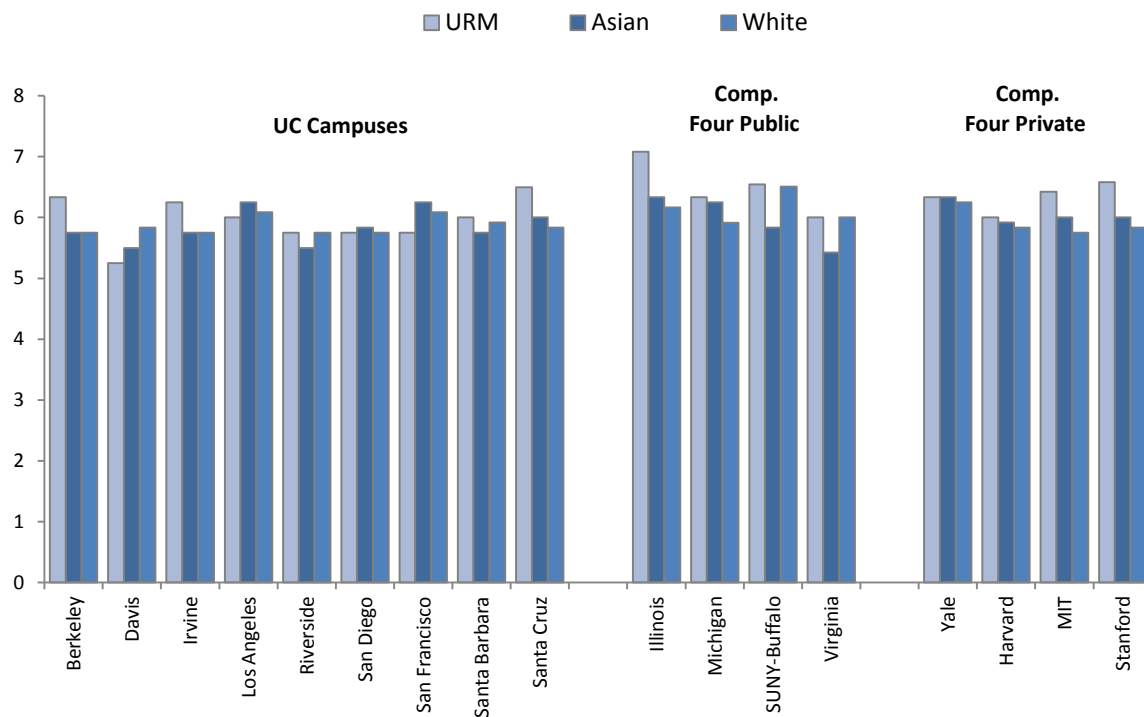


Figure 14 shows the difference in time-to-degree among ethnic groups, specifically underrepresented minorities, Asian students, and White students. For the four private institutions, time to degree was shortest for White students, followed by Asians, and then URMs. In the four public institutions, URM students exhibited the longest median ETD. Among UC campuses there was no consistent pattern in median ETD across ethnic groups. URMs had the longest ETD at UCB and UCSC, and the shortest at UCD and UCSF. Detailed figures are shown in Appendix 8.

**Figure 14. Elapsed Time-to-Doctorate (Median Years) by Ethnicity
UC and Comparison Institutions, 2007-09 Exit Cohorts**



Appendix 1. Descriptive Statistics of the 2007-09 UC Doctoral Exit Cohorts

		2007 Cohort		2008 Cohort		2009 Cohort		2007-09 Cohorts	
		#	%	#	%	#	%	#	%
Total		3,276	100%	3,243	100%	3,297	100%	9,816	100%
Gender	Male	1,859	57%	1,843	57%	1,868	57%	5,570	57%
	Female	1,417	43%	1,399	43%	1,429	43%	4,245	43%
	Unknown	0	0%	1	0%	0	0%	1	0%
Ethnicity	URM	238	7%	260	8%	277	8%	775	8%
	Non-URM	2,083	64%	2,114	65%	2,187	66%	6,384	65%
	International	955	29%	869	27%	833	25%	2,657	27%
Citizenship	Resident	1,186	36%	1,207	37%	1,311	40%	3,704	38%
	Domestic non-resident	1,135	35%	1,167	36%	1,153	35%	3,455	35%
	International	955	29%	869	27%	833	25%	2,657	27%
Degree programs	Ph.D.	3,217	98%	3,163	98%	3,209	97%	9,589	98%
	Other Doctoral programs	59	2%	80	2%	88	3%	227	2%
Field	Physical Science/Mathematics	550	17%	569	18%	579	18%	1,698	17%
	Engineering/Computer Sciences	862	26%	816	25%	794	24%	2,472	25%
	Life Sciences	645	20%	615	19%	655	20%	1,915	20%
	Social Sciences/Psychology	464	14%	441	14%	468	14%	1,373	14%
	Humanities	286	9%	322	10%	337	10%	945	10%
	Arts	60	2%	79	2%	78	2%	217	2%
	Professional Programs	241	7%	255	8%	285	9%	781	8%
	Health Clinical Sciences	68	2%	67	2%	60	2%	195	2%
	Multi/Interdisc. & Misc.	100	3%	79	2%	41	1%	220	2%
Campus	Berkeley	780	24%	789	24%	792	24%	2,361	24%
	Davis	467	14%	440	14%	455	14%	1,362	14%
	Irvine	354	11%	378	12%	353	11%	1,085	11%
	Los Angeles	541	17%	522	16%	569	17%	1,632	17%
	Merced	0	0%	2	0%	13	0%	15	0%
	Riverside	211	6%	173	5%	210	6%	594	6%
	San Diego	403	12%	403	12%	383	12%	1,189	12%
	San Francisco	130	4%	104	3%	111	3%	345	4%
	Santa Barbara	277	8%	305	9%	278	8%	860	9%
Santa Cruz	113	3%	127	4%	133	4%	373	4%	

Data source: UC Corporate Student System (CSS), Graduate Longitudinal and Degree Data System.

Doctoral Exit Cohorts: Includes doctoral recipients in any UC academic program in the 2007-08, 2008-09, and 2009-10 academic years.

Academic doctoral includes PhDs in any discipline as well as a small number of other doctoral programs within Doctor of Public Health, Doctor of Education, Doctor of Engineering, Doctor of Environmental Science and Engineering, and Doctor of Music Arts that were identified by campuses as academic when reporting data to the UCOP Corporate Student System.

Students in graduate professional programs (e.g. J.D., M.D., MBA, PharmD, etc.) or other doctoral programs that were regarded as professional by the campuses are excluded from the study, as are those ever in dual degree programs, double, triple, quadruple or joint majors, and self-supporting programs.

Underrepresented Minority (URM) include: American Indian/Alaska Native, African American, and Chicano/Latino (U.S. Citizens and Permanent Residents). Non-URM include: Asian, Filipino, Pacific Islander, White, and Other/Unknown (U.S. Citizens and Permanent Residents).

Broad fields are determined by two-digit CIP category provided by campuses. Professional Fields include those programs indicated in the campus data as being academic professional programs. Health Sciences include those programs indicated in the campus data as being academic health sciences programs.

Appendix 2a. Number of Doctoral Recipients by Campus, Broad Field and Gender, UC 2007-2009 Exit Cohorts

		Physical Sciences	Eng & Comp Sci	Life Sciences	Social Sciences	Humanities	Arts	Professional	Health Sciences	Multi/Interdis	All Fields
		Counts	Counts	Counts	Counts	Counts	Counts	Counts	Counts	Counts	Counts
UC-Wide	Male	1,194	1,895	898	680	405	83	278	48	89	5,570
	Female	503	577	1,017	693	540	134	503	147	131	4,245
	Total	1,698	2,472	1,915	1,373	945	217	781	195	220	9,816
Berkeley	Male	330	479	185	166	119	13	77	7	16	1,392
	Female	129	153	198	155	131	31	121	24	27	969
	Total	459	632	383	321	250	44	198	31	43	2,361
Davis	Male	123	229	191	71	38	4	55	-	18	729
	Female	65	77	232	75	64	6	73	-	41	633
	Total	188	306	423	146	102	10	128	-	59	1,362
Irvine	Male	127	240	82	72	51	7	32	-	7	618
	Female	49	90	103	90	69	16	49	-	1	467
	Total	176	330	185	162	120	23	81	-	8	1,085
Los Angeles	Male	179	352	102	135	67	19	59	10	7	930
	Female	66	86	119	133	106	34	100	45	13	702
	Total	245	438	221	268	173	53	159	55	20	1,632
Merced	Male	2	1	5	-	3	-	-	-	1	12
	Female	-	1	2	-	-	-	-	-	-	3
	Total	2	2	7	-	3	-	-	-	1	15
Riverside	Male	73	100	67	42	42	2	10	-	1	337
	Female	23	30	73	41	41	10	37	-	2	257
	Total	96	130	140	83	83	12	47	-	3	594
San Diego	Male	167	277	127	77	22	21	18	-	19	728
	Female	81	70	129	63	36	20	40	-	22	461
	Total	248	347	256	140	58	41	58	-	41	1,189
San Francisco	Male	-	30	68	4	-	-	-	31	10	143
	Female	-	18	80	13	-	-	-	78	13	202
	Total	-	48	148	17	-	-	-	109	23	345
Santa Barbara	Male	129	151	38	84	52	17	27	-	2	500
	Female	39	43	33	78	72	16	79	-	-	360
	Total	168	194	71	162	124	33	106	-	2	860
Santa Cruz	Male	64	36	33	29	11	-	-	-	8	181
	Female	51	9	48	45	21	1	4	-	12	191
	Total	116	45	81	74	32	1	4	-	20	373

Appendix 2b. Median Elapsed and Registered Time-to-Doctorate by Campus, Broad Field and Gender, UC 2007-2009 Exit Cohorts

		Physical Sciences		Eng & Comp Sci		Life Sciences		Social Sciences		Humanities		Arts		Professional		Health Sciences		Multi/Interdis		All Fields	
		ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD
UC-Wide	Male	6.0	5.0	5.5	5.0	6.0	5.7	6.0	5.7	7.0	6.0	6.3	5.0	5.5	5.0	6.0	5.2	6.0	6.0	6.0	5.0
	Female	5.7	5.0	5.5	5.0	6.0	5.3	6.5	6.0	7.3	6.2	7.0	6.0	6.0	5.0	5.3	5.0	6.0	5.7	6.0	5.3
	Total	6.0	5.0	5.5	5.0	6.0	5.5	6.3	6.0	7.0	6.0	6.7	5.7	5.7	5.0	5.3	5.0	6.0	5.8	6.0	5.3
Berkeley	Male	6.0	5.0	5.5	5.5	6.0	5.5	6.8	6.0	7.5	6.5	7.5*	6.0*	6.0	5.0	5.5*	4.5*	6.0	6.0	6.0	5.5
	Female	5.5	5.0	6.0	5.0	6.0	5.5	7.0	6.0	8.0	7.0	7.5	6.5	6.5	5.0	5.0	4.0	7.0	6.0	6.5	6.0
	Total	5.5	5.0	6.0	5.3	6.0	5.5	7.0	6.0	7.8	7.0	7.5	6.3	6.0	5.0	5.0	4.0	6.5	6.0	6.0	5.5
Davis	Male	5.3	5.0	5.3	5.0	6.0	5.0	6.0	5.3	6.7	5.3	**	**	4.3	3.7	-	-	6.0	4.8	5.7	5.0
	Female	5.3	5.0	5.3	4.7	5.7	5.0	6.0	5.3	7.0	6.0	5.8*	4.8*	5.0	4.0	-	-	5.3	5.0	6.0	5.0
	Total	5.3	5.0	5.3	5.0	6.0	5.0	6.0	5.3	7.0	5.7	5.8*	3.5*	5.0	4.0	-	-	5.7	5.0	5.7	5.0
Irvine	Male	6.0	5.0	5.3	5.0	6.0	5.7	6.0	5.3	7.0	6.0	5.0*	4.3*	6.0	5.3	-	-	6.0*	6.0*	6.0	5.3
	Female	5.3	5.0	5.3	5.0	6.0	5.7	6.7	6.0	7.3	6.7	6.5	5.7	6.0	5.0	-	-	**	**	6.0	5.7
	Total	5.7	5.0	5.3	5.0	6.0	5.7	6.0	6.0	7.0	6.0	6.0	5.0	6.0	5.0	-	-	6.2*	5.7*	6.0	5.3
Los Angeles	Male	6.0	6.0	5.3	5.0	6.0	6.0	6.0	5.0	7.0	6.0	7.0	5.0	6.0	5.0	4.2*	3.7*	6.0*	6.0*	6.0	5.0
	Female	6.0	5.3	5.8	5.0	6.0	5.3	6.0	5.7	7.2	6.2	5.3	4.8	5.7	5.0	5.3	5.0	6.3*	6.0*	6.0	5.3
	Total	6.0	5.7	5.7	5.0	6.0	5.7	6.0	5.0	7.0	6.0	6.0	5.0	5.7	5.0	5.0	5.0	6.3	6.0	6.0	5.0
Merced	Male	**	**	**	**	**	**	-	-	**	**	-	-	-	-	-	-	**	**	4.0*	3.0*
	Female	-	-	**	**	**	**	-	-	-	-	-	-	-	-	-	-	**	**	**	**
	Total	**	**	**	**	4.0*	3.0*	-	-	**	**	-	-	-	-	-	-	**	**	4.0*	3.0*
Riverside	Male	5.7	5.0	4.7	4.3	6.0	5.3	5.8	5.0	6.7	5.0	**	**	7.8*	6.7*	-	-	**	**	5.3	5.0
	Female	5.0	5.0	4.8	4.0	5.3	5.0	6.0	5.0	7.0	5.7	6.0*	5.7*	5.7	5.0	-	-	**	**	5.7	5.0
	Total	5.3	5.0	4.7	4.0	5.7	5.0	6.0	5.0	7.0	5.0	6.0*	5.7*	6.0	5.0	-	-	**	**	5.3	5.0
San Diego	Male	6.0	5.7	5.3	5.0	6.0	6.0	7.0	6.0	7.0	6.7	6.0	5.0	3.7	3.2	-	-	6.0	6.0	6.0	5.3
	Female	6.0	6.0	6.0	5.3	6.0	6.0	6.7	6.0	7.0	6.0	6.7	5.5	3.8	3.3	-	-	6.0	6.0	6.0	5.7
	Total	6.0	5.8	5.7	5.0	6.0	6.0	6.8	6.0	7.0	6.0	6.3	5.0	3.7	3.3	-	-	6.0	6.0	6.0	5.7
San Francisco	Male	-	-	5.0	5.0	6.3	6.0	**	**	-	-	-	-	-	-	6.0	6.0	6.3*	6.3*	6.0	6.0
	Female	-	-	6.0	5.7	6.3	6.0	6.0*	5.0*	-	-	-	-	-	-	5.3	5.0	6.3*	6.3*	6.0	5.3
	Total	-	-	5.3	5.2	6.3	6.0	6.0	5.0	-	-	-	-	-	-	6.0	5.0	6.3	6.3	6.0	6.0
Santa Barbara	Male	6.0	5.0	5.3	5.0	6.0	5.3	6.3	6.0	6.8	5.7	7.0	6.0	4.7	3.3	-	-	**	**	6.0	5.0
	Female	5.3	5.0	5.3	5.3	6.3	6.0	6.0	6.0	7.0	6.0	7.3	6.0	6.0	4.7	-	-	**	**	6.0	5.7
	Total	5.7	5.0	5.3	5.0	6.0	6.0	6.3	6.0	7.0	6.0	7.3	6.0	5.2	4.0	-	-	**	**	6.0	5.3
Santa Cruz	Male	6.0	5.2	5.5*	5.0	6.0	6.0	6.0	5.0	6.0*	5.0*	-	-	-	-	-	-	6.7*	5.8*	6.0	5.0
	Female	6.0	6.0	6.7	6.0	6.5	6.0	7.0	6.0	7.0	6.3	4.0	3.0	**	**	-	-	7.0*	5.5*	6.3	6.0
	Total	6.0	5.7	5.7	5.0	6.3	6.0	6.7	5.7	6.0	6.0	4.0	3.0	**	**	-	-	7.0	5.8	6.0	6.0

Note: An asterisk [*] indicates total cohort is less than 15, so median TTD figures should be interpreted cautiously. Two asterisks [**] indicates total cohort is 5 or less, and the TTD figures are redacted to protect student privacy (numbers are included in totals).

Appendix 3a. Number of Doctoral Recipients by Campus, Broad Field and Ethnicity, UC 2007-2009 Exit Cohorts

		Physical Sciences	Eng & Comp Sci	Life Sciences	Social Sciences	Humanities	Arts	Professional	Health Sciences	Multi/Interdis	All Fields
		Counts	Counts	Counts	Counts	Counts	Counts	Counts	Counts	Counts	Counts
UC-Wide	URM	96	90	145	142	112	20	133	28	9	775
	Non-URM	1,206	1,133	1,410	940	708	154	517	145	171	6,384
	Int'l	396	1,249	360	291	125	43	131	22	40	2,657
	Total	1,698	2,472	1,915	1,373	945	217	781	195	220	9,816
Berkeley	URM	29	37	35	54	20	2	26	9	2	214
	Non-URM	339	333	296	201	195	36	125	16	33	1,574
	Int'l	91	262	52	66	35	6	47	6	8	573
	Total	459	632	383	321	250	44	198	31	43	2,361
Davis	URM	8	9	22	9	12	2	11	-	2	75
	Non-URM	128	145	290	98	76	6	92	-	44	879
	Int'l	52	152	111	39	14	2	25	-	13	408
	Total	188	306	423	146	102	10	128	-	59	1,362
Irvine	URM	11	11	23	11	24	3	19	-	1	103
	Non-URM	115	127	138	115	83	17	49	-	3	647
	Int'l	50	192	24	36	13	3	13	-	4	335
	Total	176	330	185	162	120	23	81	-	8	1,085
Los Angeles	URM	10	15	15	22	20	7	34	10	-	133
	Non-URM	168	175	145	173	127	34	91	35	20	968
	Int'l	67	248	61	73	26	12	34	10	-	531
	Total	245	438	221	268	173	53	159	55	20	1,632
Merced	URM	-	-	-	-	-	-	-	-	-	-
	Non-URM	1	1	4	-	3	-	-	-	1	10
	Int'l	1	1	3	-	-	-	-	-	-	5
	Total	2	2	7	-	3	-	-	-	1	15
Riverside	URM	7	6	10	5	13	-	9	-	-	50
	Non-URM	44	18	88	59	63	7	35	-	2	316
	Int'l	45	106	42	19	7	5	3	-	1	228
	Total	96	130	140	83	83	12	47	-	3	594
San Diego	URM	11	5	20	11	9	3	12	-	2	73
	Non-URM	188	174	196	102	36	26	44	-	28	794
	Int'l	49	168	40	27	13	12	2	-	11	322
	Total	248	347	256	140	58	41	58	-	41	1,189
San Francisco	URM	-	2	12	4	-	-	-	9	1	28
	Non-URM	-	43	130	12	-	-	-	94	21	300
	Int'l	-	3	6	1	-	-	-	6	1	17
	Total	-	48	148	17	-	-	-	109	23	345
Santa Barbara	URM	10	3	2	19	11	3	22	-	-	70
	Non-URM	122	95	56	126	98	27	77	-	2	603
	Int'l	36	96	13	17	15	3	7	-	-	187
	Total	168	194	71	162	124	33	106	-	2	860
Santa Cruz	URM	10	2	6	7	3	-	-	-	1	29
	Non-URM	101	22	67	54	27	1	4	-	17	293
	Int'l	5	21	8	13	2	-	-	-	2	51
	Total	116	45	81	74	32	1	4	-	20	373

Appendix 3b. Median Elapsed and Registered Time-to-Doctorate by Campus, Broad Field and Ethnicity, UC 2007-2009 Exit Cohorts

		Physical Sciences		Eng & Comp Sci		Life Sciences		Social Sciences		Humanities		Arts		Professional		Health Sciences		Multi/Interdis		All Fields	
		ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD
UC-Wide	URM	5.8	5.0	6.0	5.2	6.3	6.0	7.0	6.0	7.8	6.0	6.4	5.5	6.0	5.0	5.5	5.0	6.0*	6.0*	6.3	6.0
	Non-URM	6.0	5.3	6.0	5.0	6.0	5.7	6.3	6.0	7.3	6.0	7.0	5.7	5.7	5.0	5.3	5.0	6.0	6.0	6.0	5.5
	Int'l	5.3	5.0	5.3	5.0	5.7	5.0	6.0	5.0	6.5	5.7	6.0	5.3	6.0	5.0	5.0	4.0	5.8	5.0	5.5	5.0
	Total	6.0	5.0	5.5	5.0	6.0	5.5	6.3	6.0	7.0	6.0	6.7	5.7	5.7	5.0	5.3	5.0	6.0	5.8	6.0	5.3
Berkeley	URM	5.5	5.0	6.5	6.0	6.0	6.0	7.0	6.0	8.5	7.3	**	**	6.0	5.0	5.5*	4.5*	**	**	6.5	6.0
	Non-URM	6.0	5.0	5.5	5.0	6.0	5.5	7.0	6.0	8.0	7.0	7.8	6.0	6.0	5.0	5.0	4.0	7.0	6.0	6.0	5.5
	Int'l	5.5	5.0	6.0	5.5	5.5	5.0	6.3	5.5	7.5	6.0	7.3*	6.8*	6.0	5.0	4.3*	3.5*	6.3*	5.3*	6.0	5.5
	Total	5.5	5.0	6.0	5.3	6.0	5.5	7.0	6.0	7.8	7.0	7.5	6.3	6.0	5.0	5.0	4.0	6.5	6.0	6.0	5.5
Davis	URM	5.0*	5.0*	5.3*	5.0*	6.2	5.3	6.0*	5.0*	8.0*	5.7*	**	**	6.0*	2.3*	-	-	**	**	6.0	5.0
	Non-URM	5.7	5.0	5.7	5.0	6.0	5.0	6.3	6.0	7.0	6.0	5.5*	3.3*	4.5	3.8	-	-	5.7	5.0	6.0	5.0
	Int'l	5.3	4.7	5.0	4.7	5.7	5.0	6.0	5.0	6.0*	5.0*	**	**	6.0	5.0	-	-	5.3*	3.7*	5.3	4.7
	Total	5.3	5.0	5.3	5.0	6.0	5.0	6.0	5.3	7.0	6.0	5.8	3.5	5.0	4.0	-	-	5.7	5.0	5.7	5.0
Irvine	URM	5.3*	5.0*	6.3*	6.0*	6.3	6.0	7.0*	6.3*	8.0	6.8	**	**	5.0	4.7	-	-	**	**	7.0	6.0
	Non-URM	5.7	5.0	6.0	5.7	6.0	5.5	6.0	6.0	7.0	6.0	6.0	5.0	6.0	5.0	-	-	**	**	6.0	5.7
	Int'l	5.3	5.0	5.0	5.0	5.7	5.3	6.0	5.0	6.0*	5.7*	**	**	6.0*	6.0*	-	-	**	**	5.3	5.0
	Total	5.7	5.0	5.3	5.0	6.0	5.7	6.0	6.0	7.0	6.0	6.0	5.0	6.0	5.0	-	-	6.2*	5.7*	6.0	5.3
Los Angeles	URM	6.2*	6.0*	5.3*	5.0*	6.7*	6.0*	6.5	6.0	7.0	6.0	5.0*	5.0*	5.8	5.0	5.5*	5.2*	-	-	6.0	5.7
	Non-URM	6.0	6.0	6.0	5.3	6.0	6.0	6.0	5.3	7.7	6.3	7.0	5.0	5.7	5.0	5.0	5.0	6.3	6.0	6.0	5.7
	Int'l	5.3	5.0	5.3	4.7	6.0	5.0	6.0	5.0	6.0	5.0	4.5*	4.0*	6.0	5.0	5.2*	4.0*	-	-	5.7	5.0
	Total	6.0	5.7	5.7	5.0	6.0	5.7	6.0	5.0	7.0	6.0	6.0	5.0	5.7	5.0	5.0	5.0	6.3	6.0	6.0	5.0
Merced	URM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Non-URM	**	**	**	**	**	**	-	-	**	**	-	-	-	-	-	-	**	**	4.0*	3.3*
	Int'l	**	**	**	**	**	**	-	-	-	-	-	-	-	-	-	-	-	-	**	**
	Total	**	**	**	**	4.0*	3.0*	-	-	**	**	-	-	-	-	-	-	**	**	4.0*	3.0*
Riverside	URM	5.0*	5.0*	5.3*	4.5*	6.5*	6.0*	**	**	5.0*	4.0*	-	-	5.0*	5.0*	-	-	-	-	6.0	5.0
	Non-URM	6.0	5.0	4.8	4.0	6.0	5.3	6.0	5.3	7.0	5.0	5.0*	5.0*	6.3	5.3	-	-	**	**	6.0	5.0
	Int'l	5.3	5.0	4.7	4.0	5.3	5.0	5.0	5.0	5.7*	5.0*	**	**	**	**	-	-	**	**	5.0	4.7
	Total	5.3	5.0	4.7	4.0	5.7	5.0	6.0	5.0	7.0	5.0	6.0*	5.7*	6.0	5.0	-	-	**	**	5.3	5.0
San Diego	URM	6.0*	6.0*	**	**	6.0	5.3	8.3*	6.0*	7.0*	6.0*	**	**	3.7*	3.2*	-	-	**	**	6.0	5.7
	Non-URM	6.0	5.7	6.0	5.0	6.0	6.0	6.5	6.0	7.0	6.0	6.2	5.0	3.7	3.3	-	-	6.0	6.0	6.0	5.7
	Int'l	6.0	6.0	5.3	5.0	6.0	5.7	6.0	6.0	7.0*	6.3*	6.5*	6.0*	**	**	-	-	7.0*	7.0*	6.0	5.3
	Total	6.0	5.8	5.7	5.0	6.0	6.0	6.8	6.0	7.0	6.0	6.3	5.0	3.7	3.3	-	-	6.0	6.0	6.0	5.7
San Francisco	URM	-	-	**	**	6.7*	6.0*	**	**	-	-	-	-	-	5.7*	5.3*	**	**	6.0	6.0	
	Non-URM	-	-	5.3	5.3	6.3	6.0	5.0*	4.8*	-	-	-	-	-	5.8	5.0	6.3	6.3	6.0	6.0	
	Int'l	-	-	**	**	5.2*	4.5*	**	**	-	-	-	-	-	6.0*	5.0*	**	**	5.3	5.0	
	Total	-	-	5.3	5.2	6.3	6.0	6.0	5.0	-	-	-	-	-	6.0	5.0	6.3	6.3	6.0	6.0	
Santa Barbara	URM	5.5*	5.3*	**	**	**	**	7.0	6.0	9.3*	7.0*	**	**	7.8	6.5	-	-	-	-	7.0	6.0
	Non-URM	6.0	5.0	5.7	5.3	6.3	6.0	6.3	6.0	7.0	6.0	7.3	6.0	5.0	4.0	-	-	**	**	6.0	5.7
	Int'l	5.5	5.0	5.3	5.0	5.3*	5.0*	5.0	5.0	6.0*	5.0*	**	**	5.0*	4.0*	-	-	-	-	5.3	5.0
	Total	5.7	5.0	5.3	5.0	6.0	6.0	6.3	6.0	7.0	6.0	7.3	6.0	5.2	4.0	-	-	**	**	6.0	5.3
Santa Cruz	URM	6.0	5.7	7.5	6.5	6.5	6.3	7.0	6.3	8.0	6.7	-	-	-	-	-	-	6.0	6.0	6.7	6.0
	Non-URM	6.0	5.7	5.8	5.0	6.3	6.0	7.0	5.8	6.0	6.0	4.0	3.0	6.0	5.5	-	-	7.0	6.0	6.0	6.0
	Int'l	5.3	5.3	5.0	4.7	6.0	6.0	6.0	5.0	5.7	4.5	-	-	-	-	-	-	6.2	4.8	5.7	5.0
	Total	6.0	5.7	5.7	5.0	6.3	6.0	6.7	5.7	6.0	6.0	4.0	3.0	6.0	5.5	-	-	7.0	5.8	6.0	6.0

Note: An asterisk [*] indicates total cohort is less than 15, so median TTD figures should be interpreted cautiously. Two asterisks [**] indicates total cohort is 5 or less, and the TTD figures are redacted to protect student privacy (numbers are included in totals).

Appendix 4a. Number of Doctoral Recipients by Campus, Broad Field and Residence Status, UC 2007-2009 Exit Cohorts

		Physical Sciences	Eng & Comp Sci	Life Sciences	Social Sciences	Humanities	Arts	Professional	Health Sciences	Multi/Interdis	All Fields
		Counts	Counts	Counts	Counts	Counts	Counts	Counts	Counts	Counts	Counts
UC-Wide	CA Res	520	604	859	525	429	89	482	115	81	3,704
	Non-Res	782	619	696	557	391	85	168	58	99	3,455
	Int'l	396	1,249	360	291	125	43	131	22	40	2,657
	Total	1,698	2,472	1,915	1,373	945	217	781	195	220	9,816
Berkeley	CA Res	68	121	132	74	71	12	86	13	13	590
	Non-Res	300	249	199	181	144	26	65	12	22	1,198
	Int'l	91	262	52	66	35	6	47	6	8	573
	Total	459	632	383	321	250	44	198	31	43	2,361
Davis	CA Res	67	95	194	59	60	3	79	-	30	587
	Non-Res	69	59	118	48	28	5	24	-	16	367
	Int'l	52	152	111	39	14	2	25	-	13	408
	Total	188	306	423	146	102	10	128	-	59	1,362
Irvine	CA Res	62	72	104	70	66	13	57	-	-	444
	Non-Res	64	66	57	56	41	7	11	-	4	306
	Int'l	50	192	24	36	13	3	13	-	4	335
	Total	176	330	185	162	120	23	81	-	8	1,085
Los Angeles	CA Res	83	120	112	100	76	24	77	36	11	639
	Non-Res	95	70	48	95	71	17	48	9	9	462
	Int'l	67	248	61	73	26	12	34	10	-	531
	Total	245	438	221	268	173	53	159	55	20	1,632
Merced	CA Res	1	-	4	-	3	-	-	-	-	8
	Non-Res	-	1	-	-	-	-	-	-	1	2
	Int'l	1	1	3	-	-	-	-	-	-	5
	Total	2	2	7	-	3	-	-	-	1	15
Riverside	CA Res	42	22	67	45	55	3	44	-	1	279
	Non-Res	9	2	31	19	21	4	-	-	1	87
	Int'l	45	106	42	19	7	5	3	-	1	228
	Total	96	130	140	83	83	12	47	-	3	594
San Diego	CA Res	78	91	106	56	23	16	51	-	13	434
	Non-Res	121	88	110	57	22	13	5	-	17	433
	Int'l	49	168	40	27	13	12	2	-	11	322
	Total	248	347	256	140	58	41	58	-	41	1,189
San Francisco	CA Res	-	25	61	11	-	-	-	66	7	170
	Non-Res	-	20	81	5	-	-	-	37	15	158
	Int'l	-	3	6	1	-	-	-	6	1	17
	Total	-	48	148	17	-	-	-	109	23	345
Santa Barbara	CA Res	56	40	30	73	60	18	87	-	2	366
	Non-Res	76	58	28	72	49	12	12	-	-	307
	Int'l	36	96	13	17	15	3	7	-	-	187
	Total	168	194	71	162	124	33	106	-	2	860
Santa Cruz	CA Res	63	18	49	37	15	-	1	-	4	187
	Non-Res	48	6	24	24	15	1	3	-	14	135
	Int'l	5	21	8	13	2	-	-	-	2	51
	Total	116	45	81	74	32	1	4	-	20	373

Appendix 4b. Median Elapsed and Registered Time-to-Doctorate by Campus, Broad Field and Residence Status, UC 2007-2009 Exit Cohorts

		Physical Sciences		Eng & Comp Sci		Life Sciences		Social Sciences		Humanities		Arts		Professional		Health Sciences		Multi/Interdis		All Fields	
		ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD	ETD	RTD
UC-Wide	CA Res	6.0	5.3	6.0	5.0	6.0	5.7	7.0	6.0	7.3	6.0	7.0	6.0	5.3	4.7	5.3	5.0	6.0	5.7	6.0	5.5
	Non-Res	6.0	5.0	5.7	5.0	6.0	6.0	6.5	6.0	7.3	6.0	6.5	5.5	6.0	5.0	5.3	5.0	6.0	6.0	6.0	5.7
	Int'l	5.3	5.0	5.3	5.0	5.7	5.0	6.0	5.0	6.5	5.7	6.0	5.3	6.0	5.0	5.0	4.0	5.8	5.0	5.5	5.0
	Total	6.0	5.0	5.5	5.0	6.0	5.5	6.3	6.0	7.0	6.0	6.7	5.7	5.7	5.0	5.3	5.0	6.0	5.8	6.0	5.3
Berkeley	CA Res	6.0	5.5	6.0	5.0	6.0	5.5	7.5	6.3	8.5	7.0	8.0*	6.3*	6.0	5.0	5.0*	4.5*	6.0*	6.0*	6.5	6.0
	Non-Res	5.5	5.0	6.0	5.0	6.0	6.0	7.0	6.0	7.5	7.0	7.5	6.0	6.0	5.0	4.8*	4.0*	7.0	6.0	6.0	5.5
	Int'l	5.5	5.0	6.0	5.5	5.5	5.0	6.3	5.5	7.5	6.0	7.3*	6.8*	6.0	5.0	4.3*	3.5*	6.3*	5.3*	6.0	5.5
	Total	5.5	5.0	6.0	5.3	6.0	5.5	7.0	6.0	7.8	7.0	7.5	6.3	6.0	5.0	5.0	4.0	6.5	6.0	6.0	5.5
Davis	CA Res	5.3	5.0	5.7	5.0	6.0	5.0	6.0	5.7	7.0	6.0	**	**	4.0	3.0	-	-	5.8	5.0	6.0	5.0
	Non-Res	5.3	5.0	5.7	5.0	6.0	5.3	6.3	5.8	7.0	6.0	**	**	6.0	5.0	-	-	5.8	5.3	6.0	5.0
	Int'l	5.3	4.7	5.0	4.7	5.7	5.0	6.0	5.0	6.0*	5.0*	**	**	6.0	5.0	-	-	5.3*	3.7*	5.3	4.7
	Total	5.3	5.0	5.3	5.0	6.0	5.0	6.0	5.3	7.0	5.7	5.8*	3.5*	5.0	4.0	-	-	5.7	5.0	5.7	5.0
Irvine	CA Res	5.7	5.3	6.0	5.0	6.0	5.7	6.7	6.0	7.3	6.2	7.0*	6.0*	5.3	4.7	-	-	-	-	6.0	5.7
	Non-Res	5.3	5.0	6.7	6.0	6.0	5.7	6.0	6.0	7.3	6.7	6.0*	5.0*	6.0*	6.0*	-	-	**	**	6.0	5.8
	Int'l	5.3	5.0	5.0	5.0	5.7	5.3	6.0	5.0	6.0*	5.7*	**	**	6.0*	6.0*	-	-	**	**	5.3	5.0
	Total	5.7	5.0	5.3	5.0	6.0	5.7	6.0	6.0	7.0	6.0	6.0	5.0	6.0	5.0	-	-	6.2*	5.7*	6.0	5.3
Los Angeles	CA Res	6.0	5.7	6.0	5.7	6.3	6.0	6.8	6.0	8.0	6.3	6.0	5.0	6.0	5.0	5.0	4.7	6.3*	5.3*	6.0	5.7
	Non-Res	6.3	6.0	5.5	5.0	6.0	5.7	6.0	5.0	7.0	6.3	7.0	5.0	5.3	5.0	6.0*	5.7*	6.0*	6.0*	6.0	5.7
	Int'l	5.3	5.0	5.3	4.7	6.0	5.0	6.0	5.0	6.0	5.0	4.5*	4.0*	6.0	5.0	5.2*	4.0*	-	-	5.7	5.0
	Total	6.0	5.7	5.7	5.0	6.0	5.7	6.0	5.0	7.0	6.0	6.0	5.0	5.7	5.0	5.0	5.0	6.3	6.0	6.0	5.0
Merced	CA Res	**	**	-	-	**	**	-	-	**	**	-	-	-	-	-	-	-	-	4.5*	3.8*
	Non-Res	-	-	**	**	-	-	-	-	-	-	-	-	-	-	-	-	**	**	**	**
	Int'l	**	**	**	**	**	**	-	-	-	-	-	-	-	-	-	-	-	-	**	**
	Total	**	**	**	**	4.0*	3.0*	-	-	**	**	-	-	-	-	-	-	**	**	4.0*	3.0*
Riverside	CA Res	6.0	5.0	4.8	4.0	6.0	5.3	6.0	5.0	7.0	5.0	**	**	6.0	5.2	-	-	**	**	6.0	5.0
	Non-Res	5.0*	4.0*	**	**	5.3	5.0	6.0	6.0	7.0	5.7	**	**	-	-	-	-	**	**	6.0	5.0
	Int'l	5.3	5.0	4.7	4.0	5.3	5.0	5.0	5.0	5.7*	5.0*	**	**	**	**	-	-	**	**	5.0	4.7
	Total	5.3	5.0	4.7	4.0	5.7	5.0	6.0	5.0	7.0	5.0	6.0*	5.7*	6.0	5.0	-	-	**	**	5.3	5.0
San Diego	CA Res	6.0	6.0	6.0	5.0	6.0	6.0	7.0	6.0	7.0	6.0	7.0	5.8	3.7	3.3	-	-	6.7*	6.0*	6.0	5.7
	Non-Res	6.0	5.3	6.0	5.3	6.0	6.0	7.0	6.0	7.0	6.0	5.0*	4.0*	**	**	-	-	6.0	6.0	6.0	6.0
	Int'l	6.0	6.0	5.3	5.0	6.0	5.7	6.0	6.0	7.0*	6.3*	6.5*	6.0*	**	**	-	-	7.0*	7.0*	6.0	5.3
	Total	6.0	5.8	5.7	5.0	6.0	6.0	6.8	6.0	7.0	6.0	6.3	5.0	3.7	3.3	-	-	6.0	6.0	6.0	5.7
San Francisco	CA Res	-	-	5.0	5.0	6.3	6.0	6.0*	6.0*	-	-	-	-	-	-	5.8	5.0	6.3*	6.3*	6.0	5.7
	Non-Res	-	-	5.8	5.5	6.3	6.0	**	**	-	-	-	-	-	-	5.7	5.3	6.3*	6.3*	6.0	6.0
	Int'l	-	-	**	**	5.2*	4.5*	**	**	-	-	-	-	-	-	6.0*	5.0*	**	**	5.3	5.0
	Total	-	-	5.3	5.2	6.3	6.0	6.0	5.0	-	-	-	-	-	-	6.0	5.0	6.3	6.3	6.0	6.0
Santa Barbara	CA Res	6.0	5.3	6.0	5.5	6.3	6.0	6.0	6.0	7.0	6.0	7.2	6.2	5.0	4.0	-	-	**	**	6.0	5.7
	Non-Res	5.7	5.0	5.5	5.0	6.3	6.0	7.0	6.0	7.0	6.0	7.7*	6.0*	6.8*	4.8*	-	-	-	-	6.0	5.7
	Int'l	5.5	5.0	5.3	5.0	5.3*	5.0*	5.0	5.0	6.0*	5.0*	**	**	5.0*	4.0*	-	-	-	-	5.3	5.0
	Total	5.7	5.0	5.3	5.0	6.0	6.0	6.3	6.0	7.0	6.0	7.3	6.0	5.2	4.0	-	-	**	**	6.0	5.3
Santa Cruz	CA Res	6.0	6.0	6.0	5.0	6.3	6.0	7.0	6.0	7.0*	7.0*	-	-	**	**	-	-	*	*	6.0	6.0
	Non-Res	6.0	5.7	5.5*	5.3*	6.3	6.0	7.0	6.2	6.0*	6.0*	**	**	**	**	-	-	7.2*	6.0*	6.0	6.0
	Int'l	**	**	5.0	4.7	6.0*	6.0*	6.0*	5.0*	**	**	-	-	-	-	-	-	**	**	5.7	5.0
	Total	6.0	5.7	5.7	5.0	6.3	6.0	6.7	5.7	6.0	6.0	**	**	**	**	-	-	7.0	5.8	6.0	6.0

Note: An asterisk [*] indicates total cohort is less than 15, so median TTD figures should be interpreted cautiously. Two asterisks [**] indicates total cohort is 5 or less, and the TTD figures are redacted to protect student privacy (numbers are included in totals).

**Appendix 5. Doctoral Elapsed Time-to-Degree (Median Years) by Campus and Broad Field
UC 2000-02, 2004-06 and 2007-09 Exit Cohorts**

	All Fields			Physical Science			Engineering & Computer Sciences			Life Sciences		
	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09
UC	6.0	5.8	6.0	5.4	5.6	6.0	5.4	5.2	5.5	5.8	5.8	6.0
UCB	6.4	6.4	6.0	5.4	5.4	5.5	5.8	5.4	6.0	5.8	5.8	6.0
UCD	5.5	5.8	5.7	5.0	5.0	5.3	5.0	5.2	5.3	5.5	5.8	6.0
UCI	5.8	5.6	6.0	5.3	5.6	5.7	4.8	5.0	5.3	5.8	5.2	6.0
UCLA	6.0	5.8	6.0	5.5	5.6	6.0	5.0	5.2	5.7	6.0	5.8	6.0
UCM	-	-	4.0	-	-	3.5	-	-	3.3	-	-	4.0
UCR	5.8	5.2	5.3	5.5	5.2	5.3	4.8*	5.0	4.7	5.5	5.2	5.7
UCSD	6.0	5.8	6.0	5.8	5.8	6.0	5.5	5.2	5.7	6.0	5.8	6.0
UCSF	6.0	6.0	6.0	-	-	-	5.3	5.2	5.3	6.1	6.2	6.3
UCSB	5.8	5.8	6.0	5.5	5.2	5.7	5.3	5.2	5.3	6.3	6.0	6.0
UCSC	6.3	6.0	6.0	5.3	5.8	6.0	5.5	5.0	5.7	6.3	6.6	6.3

	Social Sciences			Humanities			Arts			Professional Fields		
	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09
UC	7.0	6.4	6.3	7.4	7.4	7.0	7.0	6.7	6.7	5.8	5.8	5.7
UCB	7.4	7.4	7.0	7.8	7.6	7.8	7.8	7.4	7.5	6.8	6.4	6.0
UCD	6.3	6.0	6.0	6.6	7.0	7.0	6.0*	5.8*	5.8	5.8	5.8	5.0
UCI	6.5	6.2	6.0	7.3	8.0	7.0	**	6.2	6.0	5.1	5.0	6.0
UCLA	6.8	6.0	6.0	7.8	7.7	7.0	7.1	6.2	6.0	5.5	5.0	5.7
UCM	-	-	-	-	-	4.0	-	-	-	-	-	-
UCR	6.5	5.8	6.0	5.8	6.2	7.0	6.5*	-	6.0	5.0	6.2	6.0
UCSD	6.8	6.0	6.8	6.9	7.0	7.0	7.4	6.8	6.3	-	6.8	3.7
UCSF	10.5*	7.0	6.0	-	-	-	-	-	-	-	-	-
UCSB	7.3	6.8	6.3	7.8	7.0	7.0	5.9	6.4	7.3	5.8	5.2	5.2
UCSC	7.3	6.2	6.7	7.0	7.8	6.0	-	-	4.0	-	-	6.0

Note: An asterisk [*] indicates total cohort is less than 15, so median TTD figures should be interpreted cautiously. Two asterisks [**] indicates total cohort is 5 or less, and the TTD figures are redacted to protect student privacy (numbers are included in totals).

**Appendix 6. UC Doctoral Registered Time-to-Degree (Median Years) by Campus and Broad Field
UC 2000-02, 2004-06 and 2007-09 Exit Cohorts**

	All Fields			Physical Science			Engineering & Computer Sciences			Life Sciences		
	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09
UC	5.5	5.4	5.3	5.0	5.2	5.0	5.0	5.0	5.0	5.7	5.6	5.5
UCB	5.5	5.4	5.5	5.0	5.4	5.0	5.0	5.0	5.3	5.5	6.0	5.5
UCD	5.0	5.2	5.0	5.0	5.0	5.0	4.0	5.0	5.0	5.0	5.2	5.0
UCI	5.7	5.2	5.3	5.0	5.1	5.0	5.0	5.0	5.0	5.7	5.0	5.7
UCLA	5.7	5.2	5.0	5.3	5.2	5.7	5.0	5.0	5.0	6.0	5.6	5.7
UCM	-	-	3.0	-	-	2.5	-	-	2.8	-	-	3.0
UCR	5.7	5.2	5.0	5.3	5.2	5.0	4.8*	5.0	4.0	5.7	5.2	5.0
UCSD	6.0	5.6	5.7	6.0	5.6	5.8	5.0	5.0	5.0	6.0	5.6	6.0
UCSF	N/A	6.0	6.0	-	-	-	N/A	5.2	5.2	N/A	6.2	6.0
UCSB	5.7	5.2	5.3	5.3	5.0	5.0	5.0	5.0	5.0	6.0	6.0	6.0
UCSC	6.0	5.6	6.0	5.2	6.0	5.7	5.0	5.0	5.0	6.0	6.2	6.0

	Social Sciences			Humanities			Arts			Professional Fields		
	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09	2000-02	2004-06	2007-09
UC	6.0	6.0	6.0	6.0	6.2	6.0	6.0	5.5	5.7	5.0	5.0	5.0
UCB	6.0	6.0	6.0	6.5	6.4	7.0	6.0	6.0	6.3	5.5	5.4	5.0
UCD	5.0	5.6	5.3	5.7	6.0	5.7	4.7*	5.6	3.5	4.7	5.6	4.0
UCI	6.3	6.0	6.0	7.0	7.0	6.0	**	5.0	5.0	5.0	4.8	5.0
UCLA	6.0	5.2	5.0	6.7	6.2	6.0	6.0	5.0	5.0	5.0	5.0	5.0
UCM	-	-	-	-	-	3.5	-	-	-	-	-	-
UCR	6.3	5.6	5.0	5.3	5.2	5.0	6.5*	-	5.7	5.0	6.1	5.0
UCSD	6.0	5.6	6.0	6.0	6.2	6.0	6.0	6.0	5.0	-	4.8	3.3
UCSF	N/A	6.4	5.0	-	-	-	-	-	-	-	-	-
UCSB	7.0	6.0	6.0	6.0	6.0	6.0	5.2	5.6	6.0	5.0	4.6	4.0
UCSC	6.3	6.0	5.7	6.7	6.1	6.0	-	-	3.0	-	-	5.5

Note: An asterisk [*] indicates total cohort is less than 15, so median TTD figures should be interpreted cautiously. Two asterisks [**] indicates total cohort is 5 or less, and the TTD figures are redacted to protect student privacy (numbers are included in totals).

**Appendix 7a. Number of Doctoral Recipients by Campus, Broad Field and Gender, University of California System and Comparison Universities
2007-09 Exit Cohorts**

Institution	All fields			Physical sciences and Math			Eng. and Comp& Info. sciences			Life sciences			Social sciences and Psychology			Arts			Humanities			Professional/ Other Fields		
	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T
Group 1. UC System, total ^a	4,585	5,906	10,491	540	1,229	1,769	585	1,933	2,518	1,469	1,260	2,729	857	716	1,573	140	85	225	525	471	996	469	212	681
UC - Berkeley	1,017	1,503	2,520	123	336	459	149	533	682	260	242	502	202	203	405	30	18	48	137	114	251	116	57	173
UC - Davis	683	742	1,425	84	143	227	89	223	312	337	237	574	79	68	147	D	D	13	52	46	98	33	21	54
UC - Irvine	439	608	1,047	45	131	176	79	236	315	110	81	191	88	70	158	D	D	10	61	59	120	47	30	77
UC - Lost Angeles	945	1,080	2,025	87	212	299	90	322	412	278	217	495	167	149	316	53	30	83	119	99	218	151	51	202
UC - Riverside	233	282	515	D	D	D	32	82	114	65	71	136	41	24	65	D	D	D	39	42	81	30	8	38
UC - San Diego	472	737	1,209	78	162	240	65	273	338	157	172	329	100	79	179	9	10	19	32	26	58	31	15	46
UC - San Francisco	211	184	395	D	D	D	14	14	28	175	161	336	16	6	22	na	na	na	na	na	na	D	D	D
UC - Santa Barbara	391	584	975	44	121	165	59	217	276	40	44	84	108	80	188	26	22	48	55	72	127	59	28	87
UC - Santa Cruz	194	186	380	51	66	117	8	33	41	47	35	82	56	37	93	D	D	D	30	13	43	D	D	D
Group 2. Four comparison public, total	2,576	3,649	6,225	244	613	857	327	1,436	1,763	608	564	1,172	488	349	837	64	65	129	300	303	603	545	319	864
University of Illinois - Urbana	781	1,304	2,085	73	247	320	117	572	689	166	200	366	134	91	225	20	22	42	58	57	115	213	115	328
University of Michigan - Ann Arbor	896	1,239	2,135	104	207	311	139	542	681	229	182	411	185	117	302	27	29	56	105	88	193	107	74	181
State University of New York-Buffalo	424	526	950	D	D	110	31	148	179	108	101	209	97	63	160	D	D	19	54	55	109	99	65	164
University of Virginia	475	580	1,055	D	D	116	40	174	214	105	81	186	72	78	150	D	D	12	83	103	186	126	65	191
Group 3. Four comparison private, total	2,367	3,742	6,109	314	806	1,120	340	1,277	1,617	646	593	1,239	398	462	860	72	64	136	369	343	712	228	197	425
Yale University	479	530	1,009	44	96	140	23	63	86	173	138	311	87	88	175	22	18	40	116	111	227	14	16	30
Harvard University	844	991	1,835	89	223	312	14	53	67	278	269	547	174	195	369	27	20	47	154	168	322	108	63	171
Massachusetts Institute of Technology	395	1,045	1,440	74	243	317	165	627	792	75	61	136	44	66	110	D	D	6	D	D	18	21	40	61
Stanford University	649	1,176	1,825	107	244	351	138	534	672	120	125	245	93	113	206	D	D	43	D	D	145	85	78	163
Group 4. Public AAU U.S. institutions ^{b,c}	15,841	19,719	35,567	1,579	3,585	5,165	1,534	6,082	7,618	4,324	3,924	8,249	2,769	2,050	4,820	380	295	675	1,502	1,402	2,905	3,753	2,381	6,135
Group 5. Private AAU U.S. institutions ^c	10,390	13,889	24,281	1,160	2,932	4,093	1,214	3,961	5,175	3,100	2,617	5,717	1,782	1,689	3,472	344	242	586	1,445	1,391	2,836	1,345	1,057	2,402
Group 6. AAU U.S. institutions, total ^c	30,178	38,862	69,049	3,200	7,622	10,824	3,279	11,847	15,128	8,606	7,534	16,141	5,295	4,388	9,685	860	622	1,482	3,403	3,209	6,613	5,535	3,640	9,176
Group 7. Very high research U.S. institutions, total ^d	39,826	50,776	90,612	4,227	9,714	13,943	4,296	15,899	20,197	11,350	10,065	21,416	7,008	5,577	12,587	1,023	762	1,785	4,081	3,832	7,914	7,841	4,927	12,770

Data Source: NSF/NIH/USED/USDA/NEH/NASA, 2009 Survey of Earned Doctorates.

Note: Counts for male and female doctorate recipients may not sum to totals due to doctorate recipients with unknown sex. Time to degree is calculated as time from entry into first graduate program at the doctorate-granting institution to receipt of first doctorate. It is based on the respondent's report of entry into the master's degree program if a master's degree was reported from the same doctorate-granting institution, or entry into the doctoral program, or other post-secondary degrees. If missing, the graduate entry month is set as September. Field of study groups are defined by the standard University of California definitions as supplied by Kathleen Merchant and may differ from SED publications.

F=Female. M=Male.T=Total. na = not applicable; institution or institution group did not grant degrees in this field during these years. D= deficiency; institution had less than 5 graduates in this field.

^a Includes all University of California system universities except for the University of California - Merced. ^b Excludes University of California institutions.

^c Based on 2009 AAU membership. ^d As defined by the 2005 basic Carnegie Classification 15 "Research Universities (very high research activity)."

**Appendix 7b. Median Elapsed Time to Doctorate by Campus, Broad Field and Gender, University of California System and Comparison Universities
2007-09 Exit Cohorts**

Institution	All fields			Physical sciences and Math			Eng. and Comp& Info. sciences			Life sciences			Social sciences and Psychology			Arts			Humanities			Professional/ Other Fields		
	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T
Group 1. UC System, total^a	5.8	5.7	5.7	5.5	5.5	5.5	5.3	5.3	5.3	5.7	5.7	5.7	6.2	6.0	6.2	6.7	6.3	6.7	7.2	7.0	7.0	5.5	5.4	5.5
UC - Berkeley	6.3	5.7	5.7	5.3	5.6	5.5	5.7	5.3	5.3	5.7	5.7	5.7	7.0	6.3	6.7	7.2	7.3	7.2	7.3	7.7	7.3	6.7	5.7	6.3
UC - Davis	5.5	5.7	5.7	5.1	5.2	5.2	5.0	5.5	5.2	5.7	6.0	5.7	6.0	5.7	5.7	D	D	5.7	6.5	7.0	6.5	4.7	4.0	4.7
UC - Irvine	5.7	5.7	5.7	5.2	5.7	5.5	5.2	5.2	5.2	5.5	5.3	5.5	6.2	5.7	6.0	D	D	6.0	7.7	7.0	7.3	4.7	5.7	4.9
UC - Lost Angeles	6.0	5.7	5.9	5.7	5.7	5.7	5.5	5.4	5.4	5.7	5.9	5.8	6.0	6.0	6.0	6.5	6.3	6.5	7.7	7.0	7.2	5.5	5.7	5.5
UC - Riverside	5.5	5.2	5.2	D	D	D	4.8	4.7	4.7	5.2	5.5	5.5	5.5	5.5	5.5	D	D	D	6.5	5.9	6.2	6.0	6.9	6.1
UC - San Diego	5.8	5.7	5.7	5.7	5.5	5.7	5.3	5.3	5.3	5.7	6.0	5.9	6.0	6.2	6.0	6.5	6.2	6.5	6.7	7.5	7.0	4.2	3.4	4.0
UC - San Francisco	6.0	6.2	6.0	D	D	D	5.3	5.4	5.3	6.0	6.2	6.1	5.9	6.4	6.2	na	na	na	na	na	na	D	D	D
UC - Santa Barbara	5.9	5.7	5.7	5.1	5.5	5.5	5.2	5.2	5.2	6.1	5.9	6.0	6.0	6.2	6.1	7.1	6.0	6.9	7.0	6.7	6.9	5.5	4.8	5.2
UC - Santa Cruz	6.0	5.7	5.7	5.7	5.7	5.7	5.0	5.5	5.2	6.2	5.7	5.7	6.7	5.7	6.0	D	D	D	6.7	6.2	6.7	D	D	D
Group 2. Four comparison public, total	6.1	5.8	5.9	5.2	5.7	5.7	5.7	5.6	5.6	5.7	5.9	5.8	6.3	6.7	6.4	6.7	6.6	6.7	7.2	7.2	7.2	6.3	5.7	6.2
University of Illinois - Urbana	6.2	6.1	6.2	5.3	6.2	5.7	5.9	5.7	5.7	5.7	6.2	5.7	6.3	6.7	6.3	7.2	7.0	7.2	8.2	7.7	8.2	6.7	6.2	6.5
University of Michigan - Ann Arbor	5.9	5.7	5.9	5.2	5.7	5.6	5.6	5.3	5.6	5.8	5.9	5.9	6.2	6.3	6.3	5.6	6.6	5.9	7.2	7.2	7.2	6.2	5.9	6.0
State University of New York - Buffalo	6.2	5.8	6.0	D	D	5.4	5.5	5.1	5.4	6.0	5.9	6.0	6.5	7.1	6.8	D	D	7.1	7.6	7.1	7.4	6.4	5.8	6.4
University of Virginia	5.7	5.7	5.7	D	D	5.4	5.3	5.5	5.4	5.7	5.7	5.7	6.0	6.4	6.2	D	D	7.2	6.7	6.7	6.7	5.2	5.0	5.0
Group 3. Four comparison private, total	6.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.1	5.7	5.7	7.4	6.4	6.7	7.0	7.0	7.0	5.7	5.6	5.7
Yale University	6.2	6.2	6.2	5.7	5.7	5.7	4.7	5.2	5.2	5.7	5.7	5.7	5.9	6.2	6.2	6.7	5.7	6.7	7.1	7.2	7.2	6.1	5.7	6.1
Harvard University	6.2	5.7	5.7	5.7	5.7	5.7	4.7	5.7	5.7	5.7	5.7	5.7	6.2	5.7	5.7	7.2	6.7	6.7	7.2	7.2	7.2	6.6	6.7	6.7
Massachusetts Institute of Technology	5.7	5.7	5.7	5.6	5.4	5.4	5.7	5.7	5.7	5.8	6.0	6.0	5.6	5.0	5.1	D	D	8.3	D	D	5.8	6.0	5.0	5.7
Stanford University	6.0	5.7	5.8	6.0	5.7	5.7	6.0	5.7	5.7	6.0	6.0	6.0	6.1	5.7	5.7	D	D	7.0	D	D	6.7	5.1	4.9	5.0
Group 4. Public AAU U.S. institutions^{b,c}	5.9	5.7	5.7	5.3	5.7	5.7	5.3	5.3	5.3	5.7	5.7	5.7	6.1	6.0	6.0	6.9	6.6	6.7	7.3	7.0	7.1	5.8	5.6	5.7
Group 5. Private AAU U.S. institutions^c	6.0	5.7	5.7	5.7	5.6	5.6	5.7	5.6	5.7	5.7	5.7	5.7	6.3	5.9	6.1	7.7	6.7	7.4	7.2	7.1	7.2	5.7	5.3	5.7
Group 6. AAU U.S. institutions, total^c	5.9	5.7	5.7	5.5	5.7	5.7	5.5	5.4	5.4	5.7	5.7	5.7	6.2	6.0	6.1	7.2	6.7	6.9	7.3	7.0	7.2	5.7	5.4	5.7
Group 7. Very high research U.S. institutions, total^d	5.9	5.7	5.7	5.5	5.7	5.6	5.3	5.3	5.3	5.7	5.7	5.7	6.2	6.0	6.0	7.0	6.7	6.7	7.2	7.0	7.2	5.8	5.4	5.7

Data Source: NSF/NIH/USED/USDA/NEH/NASA, 2009 Survey of Earned Doctorates.

Note: Counts for male and female doctorate recipients may not sum to totals due to doctorate recipients with unknown sex. Time to degree is calculated as time from entry into first graduate program at the doctorate-granting institution to receipt of first doctorate. It is based on the respondent's report of entry into the master's degree program if a master's degree was reported from the same doctorate-granting institution, or entry into the doctoral program, or other post-secondary degrees. If missing, the graduate entry month is set as September. Field of study groups are defined by the standard University of California definitions as supplied by Kathleen Merchant and may differ from SED publications.

F=Female. M=Male.T=Total. na = not applicable; institution or institution group did not grant degrees in this field during these years. D= deficiency; institution had less than 5 graduates in this field.

^a Includes all University of California system universities except for the University of California - Merced. ^b Excludes University of California institutions.

^c Based on 2009 AAU membership. ^d As defined by the 2005 basic Carnegie Classification 15 "Research Universities (very high research activity)."

**Appendix 8a. Number of Doctoral Recipients by Campus, Broad Field and Ethnicity, University of California System and Comparison Universities
2007-2009 Exit Cohorts**

Institution	All fields			Physical sciences and			Eng. and Comp& Info. sciences			Life sciences			Social sciences and Psychology			Arts			Humanities			Professional/ Other Fields		
	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b
Group 1. UC System, total ^c	1,225	5,251	762	157	1,001	90	313	761	85	406	1,517	195	156	849	149	12	145	19	89	609	125	92	369	99
UC - Berkeley	266	1,343	190	29	287	23	74	269	34	65	296	35	40	213	48	D	35	D	31	156	26	22	87	23
UC - Davis	139	707	68	18	115	11	41	98	10	60	299	26	7	81	9	D	7	D	D	70	D	9	37	6
UC - Irvine	147	435	93	23	86	13	39	54	13	39	86	27	30	84	11	D	8	D	7	76	20	D	41	D
UC - Lost Angeles	314	867	180	34	158	19	77	79	11	104	233	43	31	144	29	D	46	D	28	119	29	D	88	D
UC - Riverside	45	202	37	D	D	D	9	D	D	17	62	8	D	37	D	D	D	D	D	50	D	D	28	D
UC - San Diego	143	642	74	19	143	8	41	123	7	43	209	22	24	101	21	D	9	D	8	29	7	D	28	D
UC - San Francisco	76	244	33	D	D	D	D	14	D	64	211	26	D	13	D	na	na	na	na	na	na	D	D	D
UC - Santa Barbara	67	576	62	12	106	5	20	107	5	D	66	D	14	116	18	D	39	D	8	84	18	6	58	11
UC - Santa Cruz	28	235	25	10	83	7	D	D	D	D	55	D	D	60	D	D	D	D	D	25	D	D	D	D
Group 2. Four comparison public, total	377	2,886	346	37	425	25	111	485	35	96	586	73	51	443	74	5	90	5	30	399	55	47	458	79
University of Illinois - Urbana	124	802	91	D	165	D	39	169	9	31	154	15	17	92	17	D	28	D	D	68	D	19	126	33
University of Michigan - Ann Arbor	161	958	160	D	146	D	57	200	24	37	211	42	17	160	38	D	40	D	21	113	25	10	88	19
State University of New York - Buffalo	48	436	50	5	48	5	D	30	D	18	96	9	10	93	9	D	11	D	D	69	D	9	89	15
University of Virginia	44	690	45	D	66	D	D	86	D	10	125	7	7	98	10	D	11	D	6	149	10	9	155	12
Group 3. Four comparison private, total	627	2,850	374	85	518	30	199	561	53	167	699	109	81	396	77	7	92	7	46	416	58	42	168	40
Yale University	84	534	67	D	69	D	D	25	D	46	175	23	14	80	25	D	32	D	D	148	D	D	5	D
Harvard University	195	923	134	31	153	5	D	25	D	78	289	55	36	168	26	D	29	D	24	178	22	15	81	20
Massachusetts Institute of Technology	144	609	57	D	148	D	100	303	32	15	72	9	D	48	D	D	6	D	D	10	D	D	22	D
Stanford University	204	784	116	29	148	12	86	208	18	28	163	22	D	100	D	D	25	D	11	80	20	23	60	19
Group 4. Public AAU U.S. institutions ^{d,e}	1,570	17,550	2,161	191	2,411	170	370	1,998	207	434	4,357	489	223	2,793	382	24	478	30	96	1,949	251	232	3,564	632
Group 5. Private AAU U.S. institutions ^e	1,876	11,655	1,552	252	1,795	121	452	1,733	163	592	3,126	405	219	1,674	256	30	398	31	144	1,809	235	187	1,120	341
Group 6. AAU U.S. institutions, total ^e	4,522	33,775	4,380	578	5,101	370	1,114	4,461	450	1,344	8,672	1,049	588	5,206	774	64	1,020	80	326	4,292	591	508	5,023	1,066
Group 7. Very high research U.S. institutions, total ^f	5,519	44,504	5,986	714	6,440	497	1,384	5,867	622	1,648	11,478	1,393	698	6,965	1,044	84	1,228	96	357	5,183	740	634	7,343	1,594

Data Source: NSF/NIH/USED/USDA/NEH/NASA, 2009 Survey of Earned Doctorates.

Note: Counts for Asian, white, and URM doctorate recipients may not sum to totals due to doctorate recipients with unknown race/ethnicity. Time to degree is calculated as time from entry into first graduate program at the doctorate-granting institution to receipt of first doctorate. It is based on the respondent's report of entry into the master's degree program if a master's degree was reported from the same doctorate-granting institution, or entry into the doctoral program, or other post-secondary degrees. If missing, the graduate entry month is set as September. Field of study groups are defined by the standard University of California definitions as supplied by Kathleen Merchant and may differ from SED publications. Race/ethnicity classifications were supplied by Kathleen Merchant and may differ from SED publications.

A=Asian. W=White. U=URM. na = not applicable; institution or institution group did not grant degrees in this field during these years. D= deficiency; institution had less than 5 graduates in this field.

^a Includes Native Hawaiian or Other Pacific Islanders. ^b Includes doctorate recipients reporting as American Indian/Alaska Native, black or African American, and all reporting a Hispanic ethnicity regardless of whether they reported an additional race category. ^c Includes all University of California system universities except for the University of California - Merced.

^d Excludes University of California institutions. ^e Based on 2009 AAU membership. ^f As defined by the 2005 basic Carnegie Classification 15 "Research Universities (very high research activity).

**Appendix 8b. Median Elapsed Time to Doctorate by Campus, Broad Field and Ethnicity, University of California System and Comparison Universities
2007-2009 Exit Cohorts**

Institution	All fields			Physical sciences and Math			Eng. and Comp& Info. sciences			Life sciences			Social sciences and Psychology			Arts			Humanities			Professional/ Other Fields		
	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b	A ^a	W	U ^b
Group 1. UC System, total^c	5.7	5.9	6.0	5.3	5.7	5.7	5.7	5.7	5.5	5.9	5.8	5.9	6.3	6.3	6.7	7.1	6.7	5.2	7.7	7.2	7.0	5.6	5.3	5.7
UC - Berkeley	5.7	5.7	6.3	5.3	5.7	5.7	5.7	5.3	6.0	5.7	5.7	6.3	6.3	7.2	7.3	D	7.3	D	7.3	7.7	7.3	7.0	6.2	6.3
UC - Davis	5.5	5.8	5.3	5.1	5.2	5.2	5.2	6.0	5.0	5.7	6.0	5.4	5.7	6.0	6.2	D	5.7	D	D	7.0	D	3.8	4.7	5.5
UC - Irvine	5.7	5.7	6.2	5.3	5.5	5.5	5.5	5.7	6.7	5.7	5.5	5.7	5.7	6.1	7.0	D	5.9	D	7.7	7.5	8.3	D	4.2	D
UC - Lost Angeles	6.2	6.1	6.0	5.7	5.7	5.9	6.0	5.7	5.2	6.2	6.0	6.0	6.2	6.6	6.7	D	6.7	D	8.4	7.0	7.2	D	5.5	D
UC - Riverside	5.5	5.7	5.7	D	D	D	4.2	D	D	5.7	5.4	6.2	D	5.5	D	D	D	D	D	6.7	D	D	6.1	D
UC - San Diego	5.8	5.7	5.7	5.7	5.7	5.1	5.7	5.5	5.7	5.7	6.0	5.5	6.7	6.0	6.7	D	6.2	D	7.0	7.2	6.7	D	4.0	D
UC - San Francisco	6.2	6.1	5.7	D	D	D	D	5.7	D	6.2	6.2	5.7	D	6.1	D	na	na	na	na	na	na	D	D	D
UC - Santa Barbara	5.7	5.9	6.0	5.1	5.6	5.0	5.4	5.6	4.9	D	6.1	D	6.1	6.5	6.4	D	7.0	D	6.3	6.9	6.4	5.2	5.0	6.9
UC - Santa Cruz	6.0	5.8	6.5	5.5	5.7	6.0	D	D	D	D	6.0	D	D	6.0	D	D	D	D	D	6.7	D	D	D	D
Group 2. Four comparison public, total	6.2	6.2	6.7	6.2	5.4	5.5	5.9	5.7	5.6	5.7	6.0	6.3	7.2	6.3	7.0	4.9	6.7	7.1	7.2	7.3	7.6	5.9	6.2	6.7
University of Illinois - Urbana	6.3	6.2	7.1	D	5.7	D	6.2	6.2	5.2	6.3	6.2	6.2	7.2	6.2	7.2	D	7.3	D	D	8.2	D	7.3	6.3	7.2
University of Michigan - Ann Arbor	6.2	5.9	6.3	D	5.3	D	5.7	5.6	5.6	5.7	5.9	6.5	6.9	6.2	7.2	D	6.2	D	7.2	7.2	7.2	6.9	6.0	6.2
State University of New York - Buffalo	5.8	6.5	6.5	5.0	5.2	5.5	D	5.7	D	5.6	6.5	7.1	7.7	6.7	6.4	D	7.1	D	D	7.5	D	5.0	6.8	6.8
University of Virginia	5.4	6.0	6.0	D	5.4	D	D	5.3	D	5.3	5.7	7.1	5.0	6.4	6.0	D	7.7	D	6.3	7.0	6.8	4.7	5.3	6.7
Group 3. Four comparison private,	6.0	5.8	6.3	6.0	5.7	5.5	6.0	5.7	6.7	5.8	5.7	6.2	6.2	5.7	6.4	7.7	6.7	8.2	8.1	7.0	7.2	5.7	5.7	5.7
Yale University	6.3	6.2	6.3	D	5.7	D	D	5.3	D	6.2	5.7	6.3	6.2	5.7	6.2	D	6.7	D	D	7.2	D	D	7.8	D
Harvard University	5.9	5.8	6.0	5.7	5.7	4.7	D	5.7	D	5.7	5.7	5.7	6.0	5.7	5.7	D	6.7	D	7.7	7.2	7.6	6.7	6.7	6.3
Massachusetts Institute of	6.0	5.7	6.4	D	5.7	D	6.0	5.7	6.7	5.8	6.0	6.7	D	5.3	D	D	8.3	D	D	5.8	D	D	5.9	D
Stanford University	6.0	5.8	6.6	6.0	5.8	5.7	6.0	5.7	6.9	6.0	5.7	6.6	D	5.7	D	D	7.7	D	8.0	7.0	6.9	5.3	5.0	5.3
Group 4. Public AAU U.S. institutions^{d,e}	5.9	5.9	6.0	5.7	5.7	5.8	5.9	5.6	5.3	5.7	5.7	5.7	6.6	6.2	6.7	4.9	6.8	6.9	7.2	7.2	7.6	5.7	5.9	5.9
Group 5. Private AAU U.S. institutions^e	6.0	6.0	6.2	5.7	5.7	5.4	5.7	5.7	5.7	5.9	5.7	6.0	6.3	6.3	6.7	7.7	7.6	8.0	7.7	7.3	7.5	5.3	5.7	5.0
Group 6. AAU U.S. institutions, total^e	5.9	5.9	6.1	5.7	5.7	5.7	5.7	5.7	5.6	5.7	5.7	5.8	6.3	6.2	6.7	7.1	7.0	7.0	7.7	7.2	7.4	5.7	5.7	5.7
Group 7. Very high research U.S. institutions, total^f	5.9	5.9	6.1	5.7	5.7	5.7	5.7	5.6	5.7	5.7	5.7	5.9	6.5	6.2	6.7	7.1	6.9	6.7	7.7	7.2	7.6	5.7	5.9	5.8

Data Source: NSF/NIH/USED/USDA/NEH/NASA, 2009 Survey of Earned Doctorates.

Note: Counts for Asian, white, and URM doctorate recipients may not sum to totals due to doctorate recipients with unknown race/ethnicity. Time to degree is calculated as time from entry into first graduate program at the doctorate-granting institution to receipt of first doctorate. It is based on the respondent's report of entry into the master's degree program if a master's degree was reported from the same doctorate-granting institution, or entry into the doctoral program, or other post-secondary degrees. If missing, the graduate entry month is set as September. Field of study groups are defined by the standard University of California definitions as supplied by Kathleen Merchant and may differ from SED publications. Race/ethnicity classifications were supplied by Kathleen Merchant and may differ from SED publications.

A=Asian. W=White. U=URM. na = not applicable; institution or institution group did not grant degrees in this field during these years. D= deficiency; institution had less than 5 graduates in this field.

^a Includes Native Hawaiian or Other Pacific Islanders. ^b Includes doctorate recipients reporting as American Indian/Alaska Native, black or African American, and all reporting a Hispanic ethnicity regardless of whether they reported an additional race category. ^c Includes all University of California system universities except for the University of California - Merced.

^d Excludes University of California institutions. ^e Based on 2009 AAU membership. ^f As defined by the 2005 basic Carnegie Classification 15 "Research Universities (very high research activity).

Appendix 9. Definition of Broad Discipline based on CIP Category

Broad Discipline	CIP Category Name	CIP Category Number
Arts	Visual/Performing Arts	50
Humanities	Foreign Languages	16
	English Literature	23
	Liberal Arts	24
	Philosophy	38
	History	54
Life Sciences	Agricultural Science (select 01 CIPs)	01
	Conservation Science	03
	Bio/Life Sciences	26
Physical Sciences/Math	Math	27
	Physical Science	40
Engineering & Computer Science	Computer Science	11
	Engineering	14
Social Sciences	Agricultural Business/Economics (select 01 CIPs)	01
	Area Studies	05
	Psychology	42
	Social Sciences	45
Professional Fields	Architecture	04
	Communications	09
	Education	13
	Family and Consumer Sciences	19
	Law (non-J.D.)	22
	Library Science	25
	Criminology	43
	Public Admin.	44
Business	52	
Health Sciences	Health Sciences	51
Multi/Interdisciplinary	Interdisciplinary	30
	Other/Unknown	