

UC StatFinder

A Tool for Transparency & Accountability



A Demonstration at CAIR

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What Is It? - What Will It Be?

- ◆ **Public Web Based System for Locating Undergraduate Admissions, Enrollment, Persistence and Graduation Statistics**
 - **IS:** Tables Universitywide and By UC Campus
 - **WILL BE:** Outcomes for Individual California High Schools and California Community Colleges



Why Create It?



- To be More Transparent to the Public Regarding Statistics Surrounding UC Admissions Outcomes
- Help Students Evaluate Chances of Being Admitted to Various UC Campuses
- Help High Schools and Community Colleges Evaluate the Success of their Students at UC
- Be Accountable to CA Legislature and Others on Student Outcomes



Who Created it?



- ◆ **UC Office of the President:** Undergraduate Admissions in Student Affairs
- ◆ **Contractor:** MPR Associates, Berkeley, CA
– creator of Data Analysis System (DAS) for U.S. Dept. of Education



Contract

- ◆ **10-Years:** 3 Years for Implementation, followed by 7 One-Year Extensions at UC Discretion
- ◆ **Cost:** 2.0 Million for First 3 Years

Project Phases

PHASE 1 – COMPLETED!:

Undergraduate Applicants, Admits, Enrolls

- ◆ October 30, 2007: Fall 1995, 2000, and 2005
- ◆ January 29, 2008: Fall 1994 through Fall 2006
- ◆ April 2, 2008: Fall 2007

PHASE 2 - COMPLETED!: Undergraduate Persistence, Graduation, GPAs, and Additional Admission Statistics

- ◆ September 3, 2008: Fall 1992 onward

PHASE 3: School Outcome System

- ◆ Release Early 2009



Data Sources



- ◆ Undergraduate Admissions Data Files 1994 - present (with Enrollment Information) collected by UCOP
- ◆ UCOP Undergraduate Longitudinal Data Files: 1992 - present
- ◆ Data Elements from California State Department of Education (API) and College Board (School Tables)

Hardware and Software

Hardware

- ◆ Two Microsoft IIS Dell PowerEdge 2950 Web Servers uses Intel Dual-Core Xeon 5160 3.00GHz processor, 2-73 Gigabyte 15,000 RPM hot swappable drives
- ◆ Two Dell PowerEdge Data Base Servers Running Windows 2003 Release 2 Enterprise Edition Intel Xeon 2.66GHZ Quad-Core, 2-73 Gigabyte drives
- ◆ Dell PowerVault 220S quorum disk, 145GB 15,000 RPM hot swappable
- ◆ Foundry Load Balancer 4G-SSL – *5 million concurrent sessions, 16,000 SSL session*

Software

- ◆ Active Server ASP.NET 2.0
- ◆ Microsoft SQL Server 2005
- ◆ Processing Engine Written in C#
- ◆ All “managed code”, runs under Common Language Runtime (CLR)
- ◆ *No raw data leaves the database server* – minimizes network traffic
- ◆ Security– *No public access to data base server*

StatFinder Components

- ◆ **“Query-able” Database** – User-designed tables
- ◆ **Tables Library** – Canned tables
- ◆ **“About the Data”** – Explains the data elements
- ◆ **User Help Desk** – Managed by MPR & UCOP
- ◆ **Privacy Protection Is Paramount**
 - Public site protected by aggregation

Small Cell Aggregation – 1

Cell Sizes below Threshold...

American Indian	Applicants	Admits	Enrollees
SAT 600-699	20	10	2
SAT 700-800	50	35	20

are aggregated on Public Web Site.

American Indian	Applicants	Admits	Enrollees
SAT 600-699	70	45	22
SAT 700-800			

Small Cell Aggregation – 2

Difference between Apps and Admits...

African American	Applicants	Admits	Enrollees
SAT 600-699	100	80	25
SAT 700-800	40	39	12

is aggregated on Public Web Site.

African American	Applicants	Admits	Enrollees
SAT 600-699	140	119	37
SAT 700-800			

Demonstration of Phase 1 System LIVE



Public Site: <http://statfinder.ucop.edu>

Utilization of Site

- ◆ 12,000 unique users & 59,000 hits in March 2008, prior to Admission Decision deadline
- ◆ 9,270 unique users & 56,712 hits in November 2007 prior to Application Deadline on Nov. 30
- ◆ 80% select Admissions Track, 20% Graduation-Persistence Track in Sept. 2008
- ◆ Over 62% select “Complex Tables” rather than “Simple Tables”

Positive Feedback

- ◆ *San Diego Union*: “A Giant Step to Transparency” and “An Awesome Website”
- ◆ *NY Times*: Compared with NSSE and Dept. of Ed. Site as a tool for comparing campuses
- ◆ *Daily Cal Blog*: “**I-Phone** of Admissions Data”



What's Next? - Phase 3: Important for High Schools and Community Colleges

- ◆ **Statistics for Individual High Schools and California Community Colleges**
 - Applicants, Admits, Enrollment, Persistence, Graduation Rates and Financial Aid Statistics by School/Community College
- ◆ **Expect Spike in Utilization by Parents, Students, and Counselors**

Phase 3: Adding Statistics for Individual High Schools and Community Colleges

- Applicants, Admits, Enrollment, Persistence, Graduation Rates, and Financial Aid Stats by High School or Community College
- Less Interactive – More Prepared Tables
- A tool that helps users determine appropriate comparison institutions
- **To Protect Student Privacy:** Some Restrictions on Reporting for Schools sending Small Numbers of Applicants (Tentatively, Small means Less than 5 Applicants per Year)

A Tool for Transparency and Accountability

- ◆ **Transparency in Undergraduate Admissions**
 - **Users can Generate Own Tables in Multiple Ways, including by UC Campus, to Understand who is Admitted**
- ◆ **Accountability in Undergraduate Education and Program Evaluation**
 - **Data Available to Support Evaluation of Programs – When fully built can answer questions like what are graduation rates or time-to-degree for “Engineering Majors”**
 - **Data Elements Are Not Limited to What Appear on Profiles Suggested by NASULGC, AAU, or Federal Government – User Can Choose Own Data Elements for Evaluation**

Data for “Transfers” Not in IPEDS

Fall Term Upper Division California Community College ENGINEERING Transfers by GENDER

Gender	Year Apply and Enter	Number Entering	1 Year Persistence	2 Year Persistence	Graduate in 2-Years	Graduate in 3-Years	Graduate in 4-Years	Years-to-Degree - Elapsed Time	Time-to-Degree - Quarters Enrolled
Female	1997	127	93.7%	84.3%	18.1%	74.8%	85.0%	2.5	8.1
	1998	138	92.8%	84.8%	19.6%	75.4%	84.8%	2.5	8.1
	1999	143	91.6%	86.7%	29.4%	83.2%	91.6%	2.4	7.7
	2000	173	94.8%	88.4%	30.6%	75.7%	87.3%	2.5	8.2
	2001	173	96.5%	90.2%	20.8%	80.3%	89.0%	2.5	8.2
	2002	181	96.1%	86.2%	16.6%	75.1%	89.5%		
	2003	180	93.9%	88.9%	31.7%	76.1%	86.1%		
	2004	153	96.1%	90.8%	35.3%	82.4%			
	2005	125	96.0%	87.2%	21.6%				
	2006	135	95.6%						
Male	1997	523	92.7%	81.8%	17.6%	67.3%	80.3%	2.6	8.3
	1998	528	92.0%	81.6%	21.8%	72.0%	82.2%	2.6	8.2
	1999	582	93.5%	84.5%	23.7%	71.5%	83.8%	2.5	8.1
	2000	541	93.0%	87.1%	20.7%	74.5%	83.9%	2.6	8.2
	2001	540	94.8%	87.2%	23.7%	72.8%	85.6%	2.6	8.3
	2002	580	94.7%	87.8%	20.0%	75.7%	86.2%		
	2003	625	93.6%	89.3%	24.0%	74.1%	85.0%		
	2004	584	94.9%	89.7%	26.0%	77.6%			
	2005	620	93.5%	88.2%	24.2%				
	2006	601	92.3%						

What Else is Needed?

- ◆ **Context – Broad/General**
 - Context – By Campus/Year/Group
 - Context – Table by Table

Will create documents providing “broad” contextual information regarding UC admissions to coincide with Phase 2 update.

Developing a Tool for Internal UC Use

In addition to adding other data bases and statistics:

- Develop a **Query Tool** on Private Site
- Develop a **Report Generator** on Private Site

Bottom Line: Make Getting Data Easier



Key Staff on Project

- ◆ Dr. Sam Agronow – UCOP (Manager)
- ◆ Dr. Tongshan Chang – UCOP (Data)
- ◆ Dr. Paula Zeszotarski – UCOP (Contract)
- ◆ Dr. Charles Masten – UCOP
(Design/Contract)

Check it Out At:



Public Site: <http://statfinder.ucop.edu>

Interested in StatFinder progress? Sign-up for StatFinder
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