

# *NSC Data Use: California Community Colleges*

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# *Transfer Tracking: Evolution*

- ◆ CCC's have great interest in transfer
- ◆ Feds: IPEDS-GRS (1995)
  - CC's given option to track transfers & generate transfer rate
  - CCCCO has subscription agreement w/colleges to produce IPEDS reports
  - Matches w/CSUOC & UCOP ensued for GRS cohorts
  - But what about ISP's and OOS's?

# *Transfer Tracking: Evolution*

- ◆ State: Annual Report on “Persistently Low Transfer Rate Colleges”
  - Led to creation of systemwide transfer rate methodology
    - ◆ (Attend Wednesday presentation #517)
  - Some colleges transfer more to ISP’s and OOS than others – not fair to them to only count UC & CSU

# *Transfer Tracking: Evolution*

- ◆ National Student Clearinghouse data match helped solve both issues
- ◆ CO led push to get NSC membership from 20 to 100+ today
  - Accountability helps!
- ◆ As a system, we negotiated master “Transfer Track” agreement w/NSC

# *Data Match Logistics*

- ◆ At first we only sent cohorts to be matched (first-time students), but...
- ◆ We had other questions asked that looked at other cohorts
- ◆ We then began sending annual match files of all students in system from 93-present
  - 15 million records annually
- ◆ Must be performed **ANNUALLY!**

# *Data Match logistics*

- ◆ We receive back matches and combine with CSU/UC direct cohort matches
- ◆ The “Transfer Bucket”
  - Dump annual matches into the “bucket” and run algorithm that returns unique SSN-Destination College where transfer date=MIN
  - SSN-FICE is unique key
  - IPEDS-IC file is FICE lookup table

# *Data Match Uses: Cohort Studies*

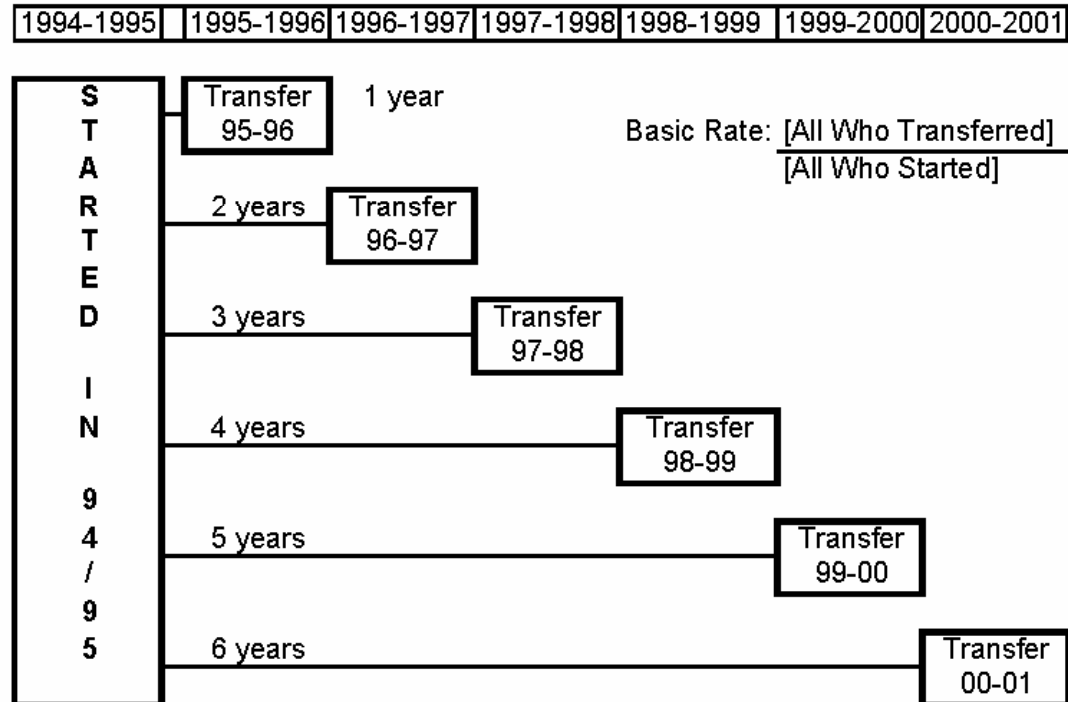
- ◆ Data are then used as transfer source info for all cohort studies (incl. IPEDS-GRS, PLTC, or any other program eval. or outcome study we perform)

# *NSC Data: Cohort Studies*

- ◆ NSC matches work well for cohort analysis
  - Did student enroll elsewhere? What segment?
  - But...beware of “time to transfer” studies (limitation)



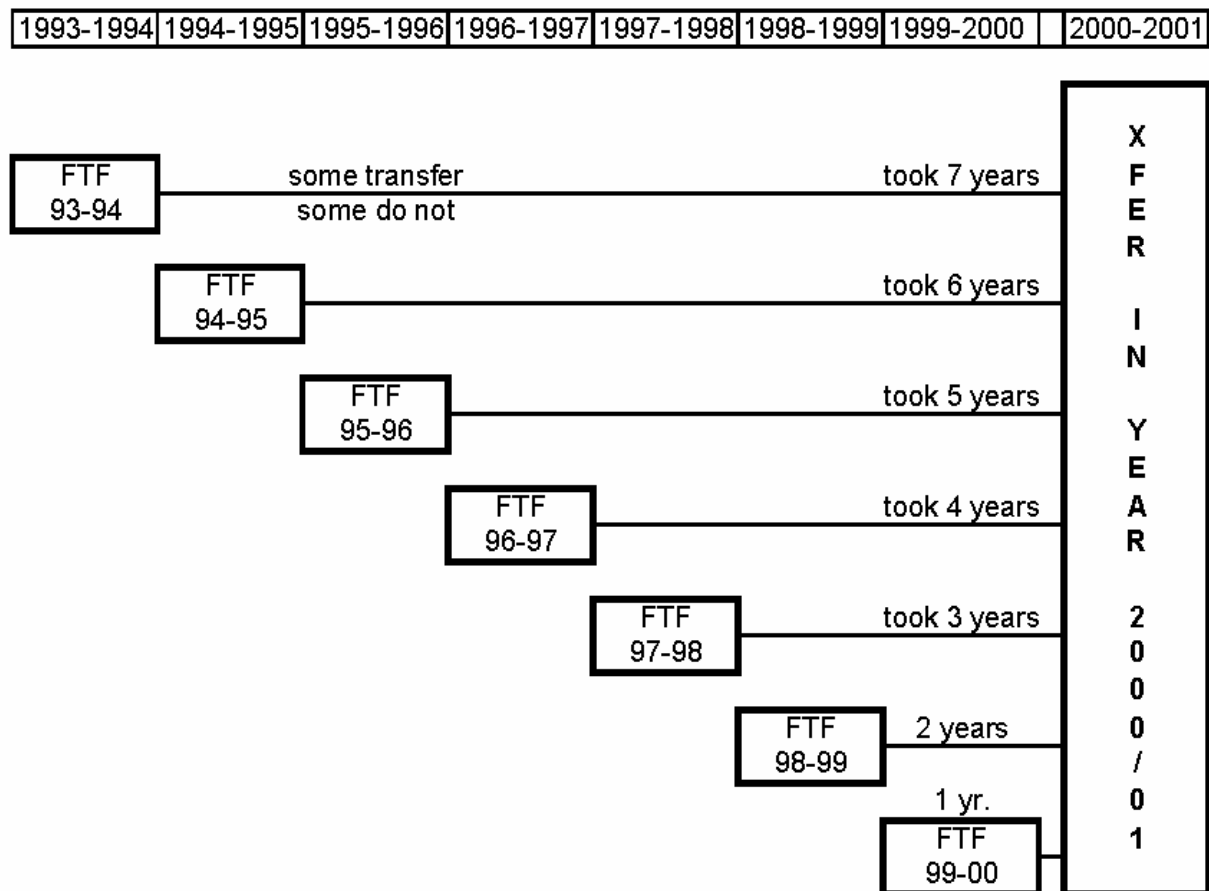
## Counting Transfer: Of the students Starting in Year X, How many Ended Up Transferring? (Cohort Analysis)



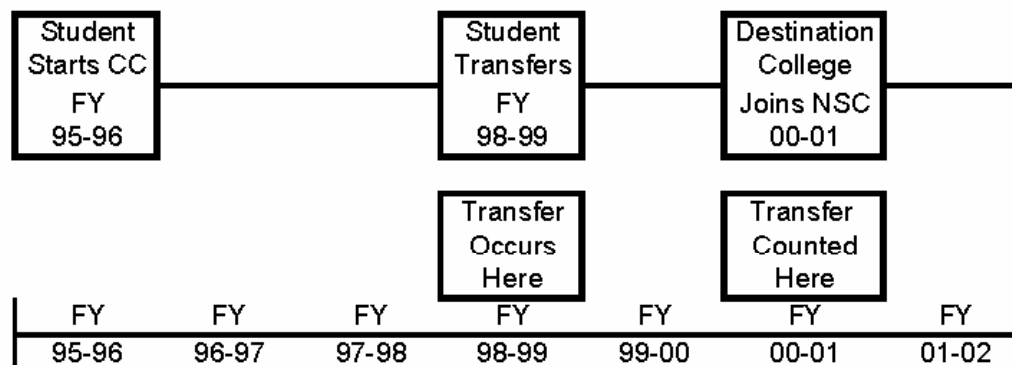
## *Data Match Uses: Snapshots*

- ◆ Data are less useful for deriving annual volumes/counts of transfers due to date of recipient institution entering NSC

## Counting Transfer: How Many Transferred this Year? (Snapshot Analysis)



## Counting Transfer: Caveats of NSC Data Matching



**Cohort:** Transfer Counted within 6 years--but do not perform "Time To Transfer" studies!

**Snapshot:** Transfer counted in wrong year--overcounts in first year of NSC membership.

# *Data Match Uses: Where Did They Go?*

- ◆ Imperfect but still enlightening detail on where our students transfer
- ◆ Transfer Choices by Ethnicity Study
  - Combines Transfer Rates and Transfer Location analysis
  - Of all the students in a cohort (by ethnicity), what % went to UC? CSU? ISP? OOS?

### Raw Transfer Rates by Ethnicity and Segment for Cohort 9697

<b>Ethnicity</b>	<b>% No Xfer</b>	<b>% Xfer</b>	<b>% to UC</b>	<b>% to CSU</b>	<b>% to In-State Private</b>	<b>% to Out of State</b>
White	55.40%	44.60%	17.93%	60.66%	11.04%	10.38%
Black	64.08%	35.92%	11.46%	51.18%	18.13%	19.24%
Hispanic	68.61%	31.39%	15.12%	67.68%	12.13%	5.07%
Asian	43.43%	56.57%	37.00%	49.93%	9.19%	3.88%
Pacific Islander	58.85%	41.15%	13.06%	50.86%	20.96%	15.12%
Filipino	56.29%	43.71%	17.75%	63.23%	16.18%	2.85%
Native American	67.25%	32.75%	18.98%	58.07%	12.75%	10.20%
Other	51.95%	48.05%	24.52%	56.39%	12.79%	6.30%
<b>Total</b>	<b>57.43%</b>	<b>42.57%</b>	<b>21.19%</b>	<b>59.04%</b>	<b>11.69%</b>	<b>8.09%</b>

# *Summary*

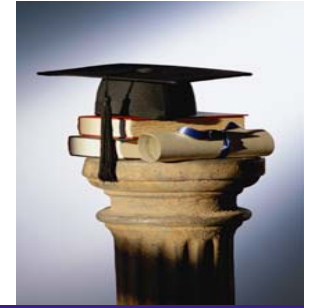
- ◆ NSC “Transfer Track” very beneficial to CCC system efforts
- ◆ NSC recognizes potential of their database for research purposes – now have 2 researchers on their Advisory Committee

# *Summary*

- ◆ Create your own mini Clearinghouse!!!
- ◆ Send up everybody you can, get matches back, do this every year, and you will have your own source locally



# *National Student Clearinghouse*

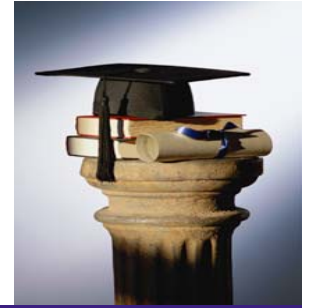


## **Services You Need People You Trust**

May 2005

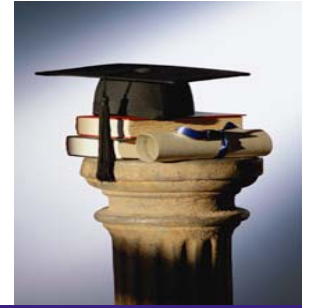
**Dr. Jeff Tanner, Vice President  
National Student Clearinghouse  
703-742-4225  
tanner@studentclearinghouse.org**

# *National Student Clearinghouse*



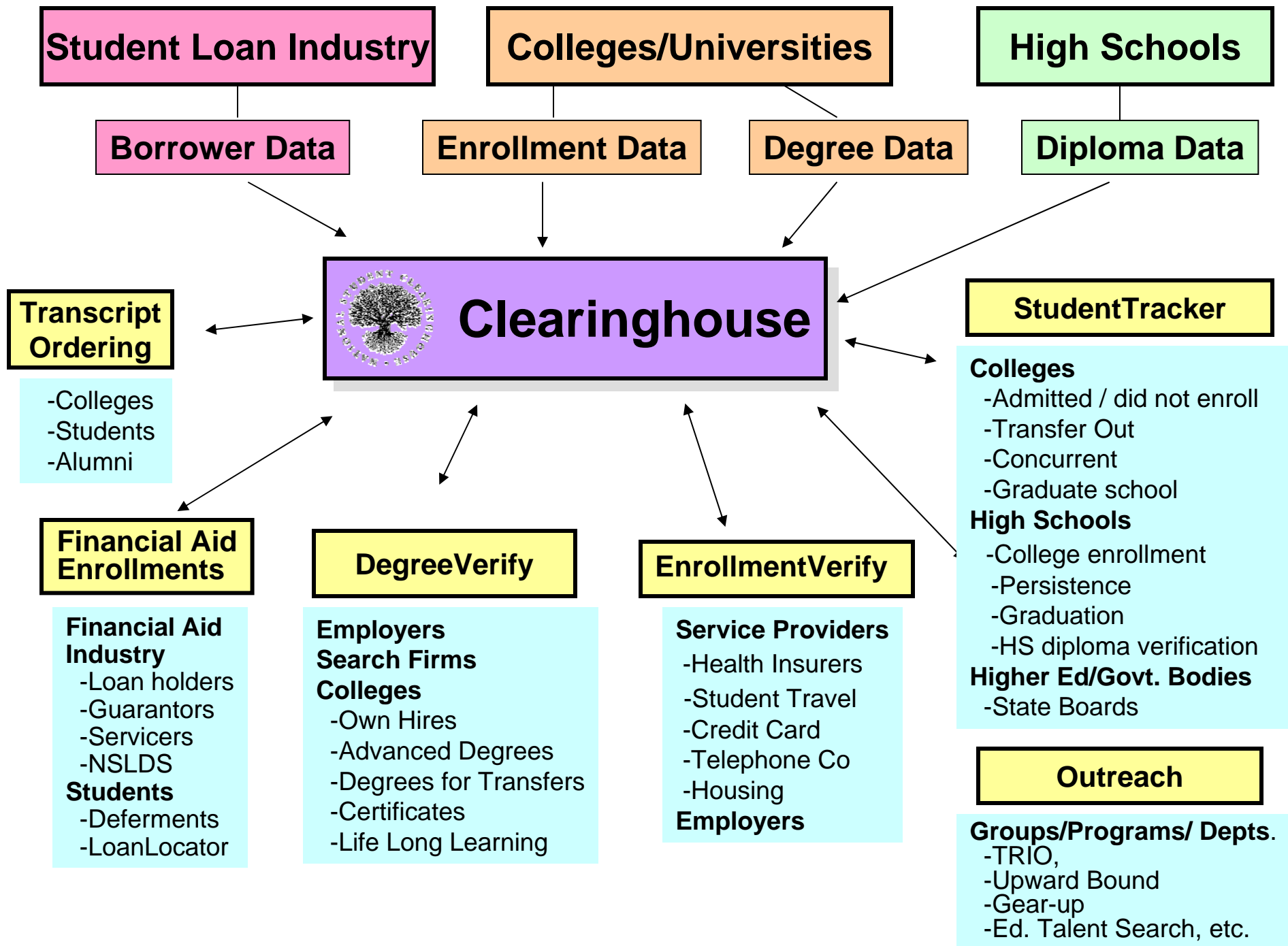
***What does the National Student  
Clearinghouse do?***

# *National Student Clearinghouse*

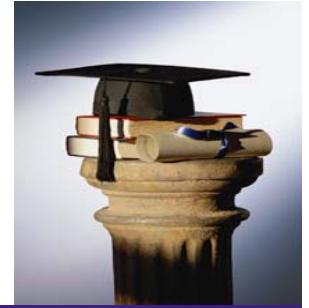


*We collect student  
enrollment  
completion  
loan borrower information*

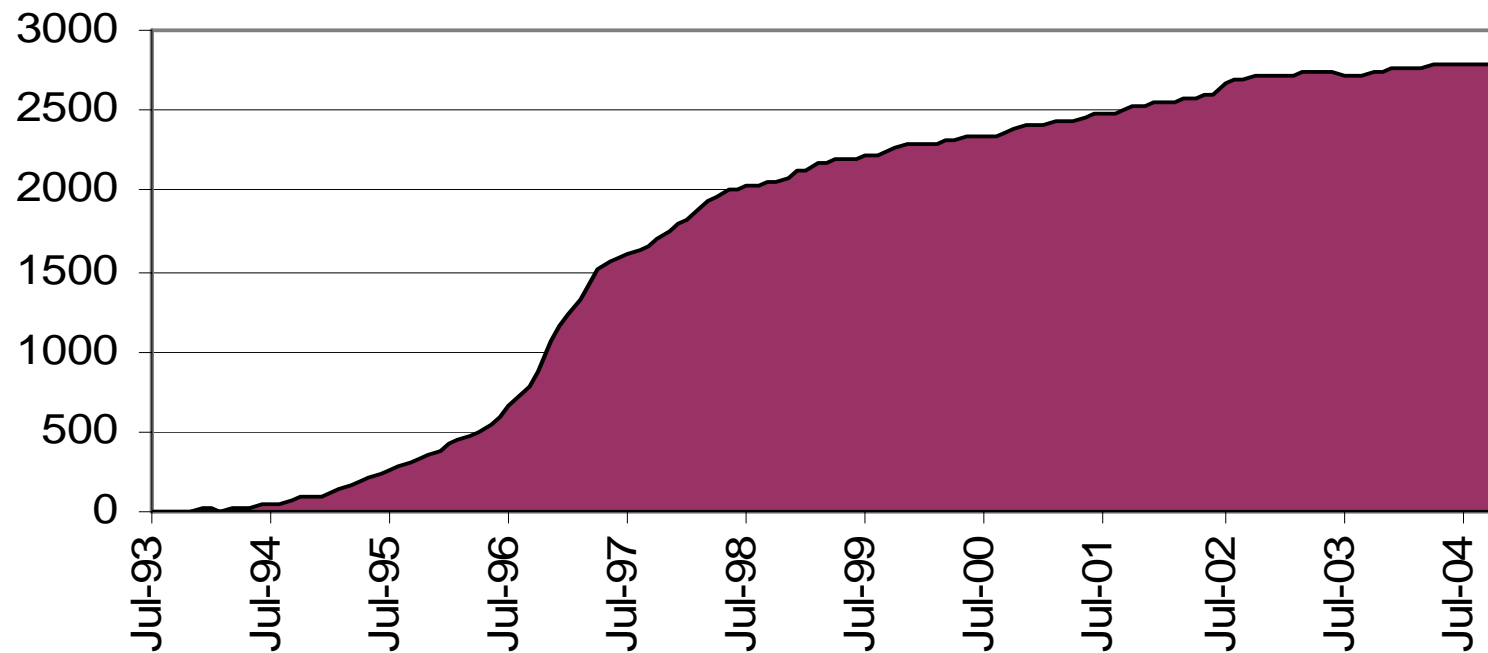
*We provide  
data to authorized requestors*



# Clearinghouse Growth

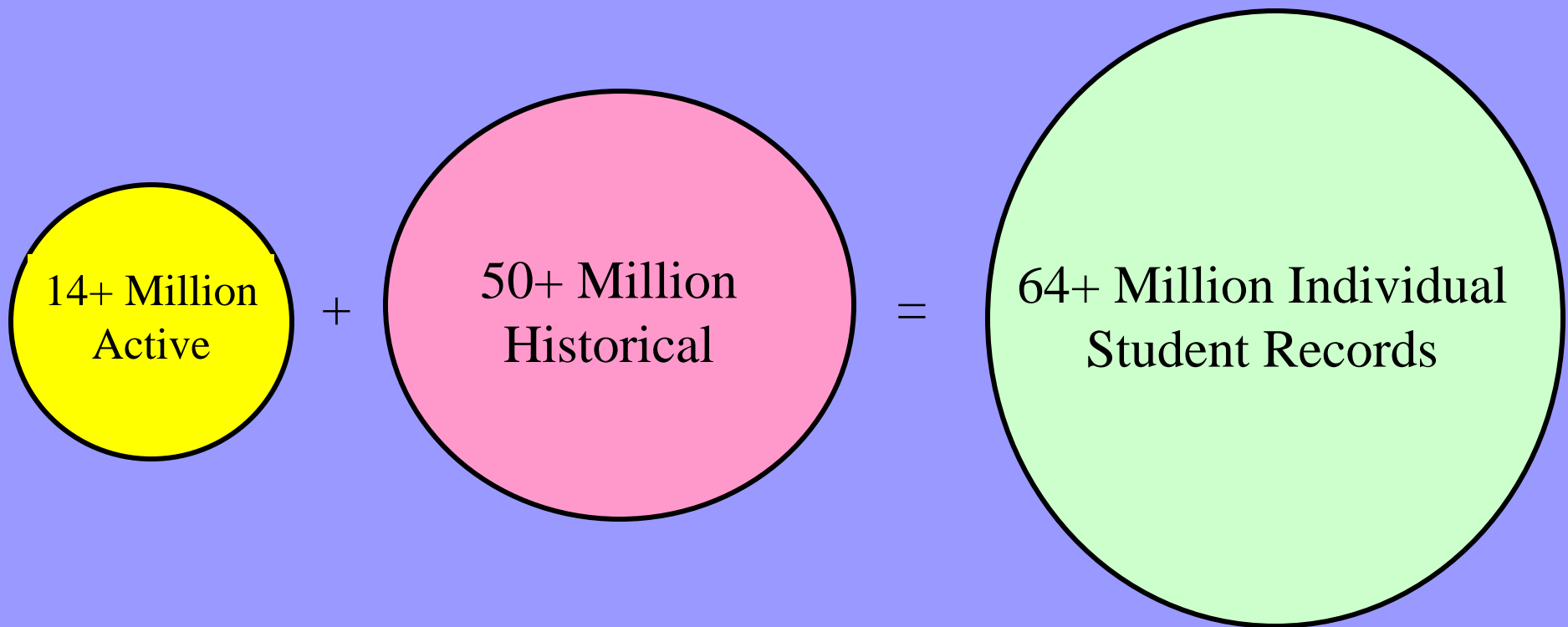
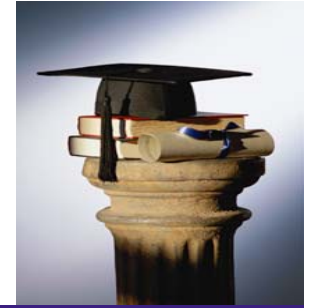


**Institutional Participation**



■ Over 2,800 Colleges and Universities

# *Constantly Growing Database*



Active records represent over 91% of All Higher Education Enrollments

# *Database Components*



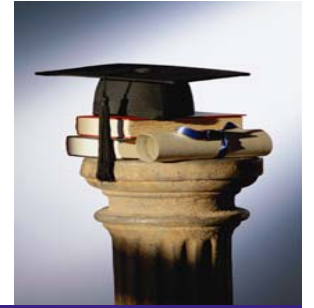
## **The Data We Receive is:**

**Complete** – All enrolled students

**Current** - Data is received at least 3 times  
each enrollment period

**Comprehensive** - We are not bound by  
state boundaries or by institutional  
sponsorship

# *Services*



*We can tell you things like. . .*

*where your non-applicant recruits or your admitted but non-enrolled students actually attended*

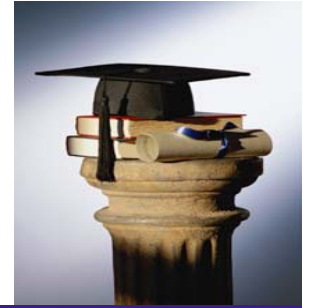
*if your current students are enrolling at another institution concurrently*

*if your former, non-graduated students transferred elsewhere and if they graduated*

*if and where your graduated students went on to graduate school*



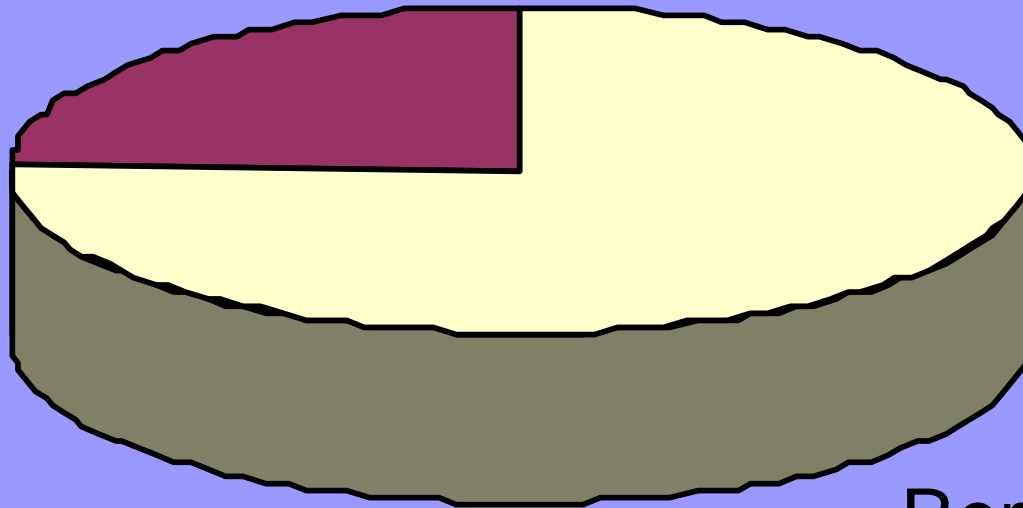
# *Honesty*



*We must confess that our data has the potential to create more questions than it answers*

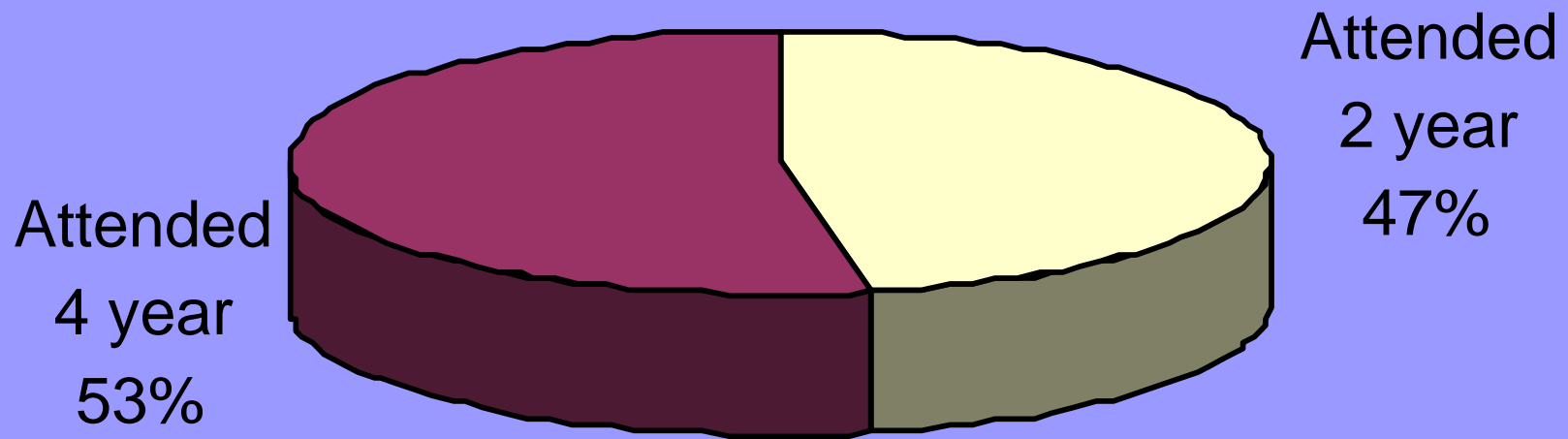
# University of Nebraska - Lincoln

Moved from  
State 24%

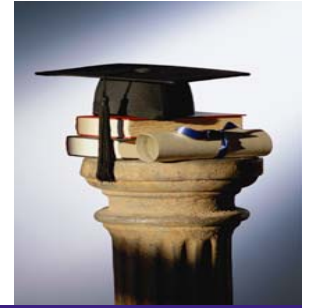


Remained in  
Nebraska  
76%

# University of Nebraska - Lincoln



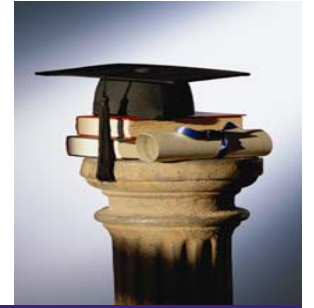
# *Providing Unit Data*



## **For those who transfer out:**

- Are majors equally represented?
- Are GPA's evenly distributed?
- Is gender representation equal?
- What about ethnic groups?

# *Providing Unit Data*



## **For those who transfer out:**

- Are class standings evenly distributed?
- Do socio-economic factors tell us anything?
- Are non-residents transferring out of state?
- Do transfer-outs graduate elsewhere?

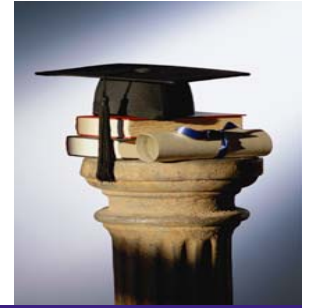
# *Services*



*All you need to do is . . .*

*Sign up for the DegreeVerify program (**free**)  
Participate in the StudentTracker program*

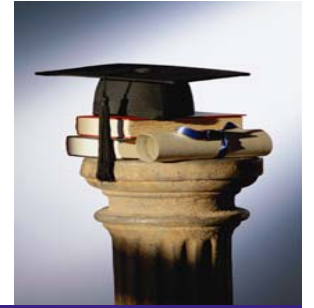
# *Participation Principles*



**To *receive* data you must *share* comparable data**

**Participation costs are paid by data users *not data providers***

# *Request File*



## *You Provide . . .*

Name of student

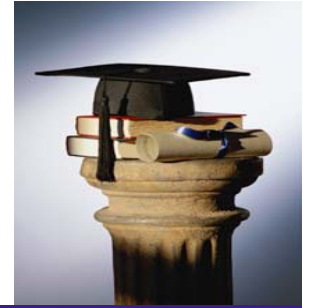
SSN (if FERPA-compliant)

Birth date

Date of last attendance/Search begin date



# *Response File*



*The Clearinghouse returns . . .*

## *Summary Report*

Contains totals of students enrolled by institution

## *Unit Record File*

Contains individual student records (except FERPA blocked records)

# Sample Summary Report



Date: mm/dd/yyyy

Time: hh:mm

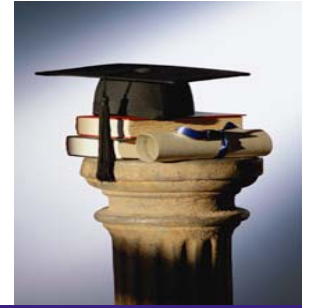
National Student Clearinghouse

School: Pinnacle University

## Summary of Student Level Detail - Analysis of Initial Transfers

<u>School</u>	<u>School Name</u>	<u>State</u>	<u>Number</u>	<u>% of Transfer</u>	<u>Number of Degrees</u>
001234-00	Finest State University	XX	315	25%	45
002345-00	University of Knowledge	XX	210	17%	0
003456-00	Big Mountain College	XX	176	14%	21
004567-00	Learned College	XX	109	9%	13
005678-00	University of Books	XX	92	7%	0
006789-00	Studious University	XX	78	6%	15
007890-00	Library College	XX	65	5%	0
012345-00	Great State University	XX	42	3%	0
009876-00	Metropolitan State University	XX	35	3%	0
011111-00	Community College of the County	XX	27	2%	4
Total:			1149		98

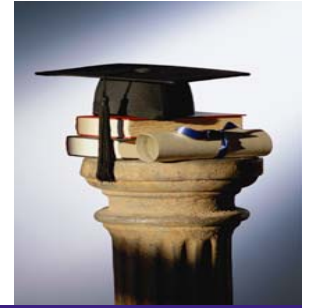
# *Unit Record File*



- Student identifiers (i.e. name, SSN, DOB you provided)
- New institution name and OPE code
- New institution type (4 yr+, 2 yr, <2 yrs)
- Term begin date
- Multiple new school indicator & sequence number
- Initial and Highest enrolled status (if directory info)
- Graduation status and date
- Degree title
- Major course of study

*For DegreeVerify Schools Only*

# *What Are The Costs?*

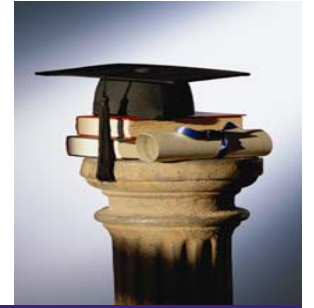


*Annual subscription fee which covers unlimited use during the year.*

Annual fee equals \$0.12 (12 cents) times the school's opening fall headcount enrollment as reported to IPEDS (taken from IPEDS COOL website).

*Minimal Computer programming effort to send us degree information.*

*That's us in a nutshell!*



Questions?