Supplemental Instruction All-Time Records
(Updated through Spring 2014)

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Abstract
Supplemental Instruction (SI) has been offered at Iowa State University for select courses since 1992. The program has grown in size in virtually every measurable way. This report highlights the “best ever” of select statistics for SI at Iowa State University.

Executive Summary
Purpose
The purpose of this report is to identify the best ever statistics for SI at Iowa State University.

Methodology
Assessment of the Supplemental Instruction program at Iowa State University follows a rather extensive process. In 2010, I reviewed all SI reports to find the “best ever” statistics. These statistics were compiled into Table 1. Updates to this table were completed annually.

Findings
The attached table shows the basic quantifiable statistics rated as “best ever” for SI at Iowa State University. These statistics are reported based on the best ever for:

- Course,
- Semester, and
- Annual summaries.

Beyond the data in the table, additional records of interest include:

- **3,060**: The most contact hours accumulated with one SI Leader in a semester. (Patrick Cahalan, for PHYS 222 in Fall 2010.)
- **10**: Most SI Leader positions filled by one person for his/her career. (Matt Rich)
- **3,986**: Most contact hours accumulated in one week. (During week 4 of Fall 2013.)
- **28.7%**: Largest one-year increase in rate of contact hours. (In 2008-2009.)
- **10,817**: Largest one-year increase in count of contact hours. (In 2013-2014.)

The adjacent chart shows the growth in student participation, as measured by contact hours.

Discussion & Recommendations
This report serves to provide points of pride. 13 of the 25 records reported were set (or tied) during 2013-2014 academic year. Some records favor a smaller program, and will never be broken; however others will likely be broken next year, as the program is projected to grow. For example, I predicted 2014-2015 to end with the highest numbers of:

- Different courses (F14 alone will have 29),
- Leader positions (will be 85+),
- Contact hours (will exceed 60,000), and
- Student served (will exceed 10,500).

In short, we can now say “best year ever” about 2013-2014, but will likely be calling 2014-2015 our “best year ever” in one year.

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SI Records
Iowa State University
| Table 1: Supplemental Instruction Records by Year, Semester, and Course |
|---------------------------------|-----------------|------------------|-----------------|
| Year (all courses combined)     | Semester (all courses combined) | Course (for one specific course in a semester) |
| Most Contact Hours              | 58,302 in 2013-2014 | 33,033 in F13 | 4,632 for MATH 166 in S14 |
| Highest number of SI Participants (by Headcount) | 10,307 in 2013-2014 | 5917 in F13 | 709 for BIOL 211 in F12 |
| Highest number of SI Participants (by Percentage) | 33.2% in 1999-2000 | 40.5% in F99 | 88.3% for CH E 356 with Mario Peralta in S12 |
| Highest number of SI Leader positions | 85 in 2013-2014 | 43 in F11, S14 | 5 (numerous times for BIOL 211) |
| Highest Number of SI Sessions Offered | 3696 in 2013-2014 | 1853 in F13 | 222 for BIOL 211 by five Leaders in F11 |
| Highest Number of different courses with at least one SI Leader for the semester | 32 in 2011-2012 | 28 in F12, S14 | 28 |
| Highest difference between final course grades of participants and non-participants (Participant grade includes all participants regardless of level of participation.) | .44¹ in 1999-2000 | .38² in F08 | .99 For AN S 214 with Cody Branstad in F12 |

¹ This statistic was first reported as an annual total in 1995-1996.
² This statistic was reported as an semester total starting in Fall 1999. .38 in Fall 2008 is the highest known record. Based on the previous footnote, its like likely that Fall 1999 or spring 2000 had a higher semester total.