

## SEALS Sample Calculations and common questions

### Event level data

3. School year: **MUST BE A FOUR DIGIT YEAR** and use the year that the school year started not the year we might actually be in so for this year it would be 2008 for all schools even if you don't start them till next year.
  
7. Total time spent at the site (**in hours**) for:  
If you take the average time spent on each child to be 30 minutes and you break the time up as follows: 5 min for screening, 20 min for sealant delivery, 5 min for education then you can calculate as follows if you saw 100 kids.
  - a. Screening:
    - i.  $100 \text{ kids} \times 5 \text{ min/ea} = 500 \text{ minutes spent screening}$
    - ii.  $500 \text{ min} / 60 \text{ min/hr} = 8.33 \text{ hours (enter as 8.25)}$
  - b. Sealant Delivery
    - i.  $100 \text{ kids} \times 20 \text{ min/ea} = 2000 \text{ minutes spent sealing}$
    - ii.  $2000 \text{ min} / 60 \text{ min/hr} = 33.3 \text{ hours (enter as 33.25)}$
  - c. Retention Rate checks
    - i. Enter 0 unless you are entering information from last years data on retention in which case the average time spent checking for retention is 5 minutes so you would use the same calculation as above for screening.
  - d. Setup and breakdown/clean up
    - i. Total time spent doing breakdown and clean up each day over the course of that event.
    - ii. Don't include time between patients but rather just the time at the beginning and end of the day.
  
8. Education
  - a. Child hours of oral health education offered
    - i. If you provide classroom education take the number of kids you presented to and multiply that by the time in minutes. (i.e. 30 kids for a 20 min presentation would be 600 minutes or 10 hours)
    - ii. If you do chair side education for 100 kids you would add 8.25 hours to that total (see calculation for 7a.)
    - iii. Add both times together if appropriate.
  - b. Number receiving education
    - i. This should include those that you educated chair side as well as in the classroom but don't double count them.
  
9. Event dates
  - a. Screening: typically going to be the first day you are at a school enter as 01/01/2008 not 1/1/08
  - b. Sealant placement: either the same as above or the date you begin placing sealants

- c. Follow up (retention): enter 12/31/1998 unless you are actually entering retention data into last years program.

10. Criteria: ALWAYS enter "1"

11. Screening (dental and other personnel hours)

- a. If you screen 100 kids using a DDS, RDH and DA
  - i. 5 min X 100 kids = 500 min
  - ii. 500 min X 3 providers = 1500 min
  - iii. 1500 min / 60 min/hr = 25 hours (enter 25.0)
- b. If you have a coordinator of volunteer that is helping run kids back and fourth to class and so fourth you would add time for them in column (b)

12. Sealant Deliver

- a. Same as #11 however change the 5 min/child to 20 min/child

13. Retention Checks

- a. Same as 11 and 12 above, typically going to use 5 min/child

14. Population targeted

- a. If you know it for the specific grade level use that, if not by school is appropriate

21. Labor Costs (**BOTH PAID AND VOLUNTEER**)

- Only include actual costs of sealant delivery and clinic time (not administrative time)

22. Equipment costs

- Take your total cost of all your equipment and divide by the annuity factor for 8 years which is 7.23 and this gives you your annual cost
- Example: Total equipment costs are \$12,000 / 7.23 = \$1,659.75 would be entered.
- If your equipment if more than 8 years old you would not calculate its cost into your total cost.

23. Instrument costs

- Same as above however the annuity factor you use is for 5 years which is 4.72
- Only divide the cost of instruments that are reused by your annuity factor.

24. Administrative Costs

- This will include Time spent organizing the event, labor cost for data entry, case management, grant writing etc.

25. Cost of consumables

- This will include things such as sealant, gauze, gloves and other soft goods.

26. Other costs

- This is where you add in for malpractice insurance (pro-rated amount)
- Mileage
- Paid labor for travel time!