



AIRA
AMERICAN IMMUNIZATION
REGISTRY ASSOCIATION

INFORMATION REQUEST

Topic: SAS Coding to Determine Immunization Coverage Rates

Request Date: June 21, 2018

Information Requested:

Nevada has been asked to use SAS coding to determine immunization coverage rates for an extracted set of IIS patient data. We'd like to ask other awardees if they have SAS coding for this purpose that they would be willing and able to share.

Requesting Member: Amanda Harris (NV)

Responding Member(s): Loren Rodgers (CDC), Brittany Ersery (KS), Alexandra Ternier (NYC)

Results:

CDC:

Our team has many SAS codes that we've used for various projects and reports, and I'd be happy to share any of it. For example, we generate the attached report using IIS data that are sent to CDC (in particular, see pages 7-9).

KS:

Our Epis use SAS for immunization rates from KSWebIZ all of the time and can assist with code for a particular cohort if you contact us.

Our KSWebIZ staff are also learning SAS through this free resource:

<https://support.sas.com/edu/elearning.html?ctry=us&productType=library>

NYC:

We have a code set in SQL that calculates 4:3:1:3:3:1:4 coverage for the 19 to 35 month olds that we have been using for the IISAR. We converted it to SAS for AIRA to share. Please see attached. The program requires some customization to work with the local environment. That should not be too challenging for someone who knows SAS.