



Performance Indicators Form - Newborn Hearing Screening Program

This monitoring report provides data against target indicators for the Newborn Hearing Screening Program. The Child and Adolescent Health Service is required to record and report the following data for annual submission to the WA Department of Health via the Office of Population Health Genomics genomics@health.wa.gov.au.

Table 1. Performance indicators for the Newborn Hearing Screening Program – Service-wide

No.	Indicator topic	Indicator description	Value
1	Participation	Participation in screening number of eligible babies born in a calendar year who complete a hearing screen by 30 days of corrected age divided by the number of babies born in the calendar year	%
2	Screening	Positivity rate of screening test number of babies who returned a second/repeat 'refer' result for the newborn hearing screen divided by the number of babies who completed a newborn hearing screen Positive predictive value of the screening test number of babies who returned a second/refer 'refer' result for the newborn hearing screen and subsequently diagnosed with permanent childhood hearing impairment divided by the number of babies who returned a positive newborn hearing screen	% %
3	Audiology assessment and diagnosis*	Audiology assessment number of babies born in a calendar year who returned a second/refer 'refer' result for the newborn hearing screen who completed audiological assessment by three months of corrected age divided by the number of babies who returned a second/refer 'refer' result for the newborn hearing screen Detection of permanent childhood hearing impairment number of babies screened through the program who are diagnosed with permanent childhood hearing impairment divided by the number of babies who complete a newborn hearing screen	% %

*data sourced from diagnostic audiology services