Add Health
The National Longitudinal Study of Adolescent to Adult Health

Add Health as a Resource for the Science of the Exposome:

Equivalent Sound Level for a 9-Hour Night (LAEQN) Noise Exposures from 90 Major Airports Codebook

UNC CAROLINA POPULATION
CAROLINA POPULATION CENTER | CAROLINA SQUARE - SUITE 210 | 123 WEST FRANKLIN STREET | CHAPEL HILL, NC 27516

Data for Wave VI of Add Health was supported by two cooperative agreements from the National Institute on Aging (1U01AG071448, principal investigator Robert A. Hummer, and 1U01AG071450, principal investigators Robert A. Hummer and Allison E. Aiello) and a special supplement (U01-AG071450-02S1, principal investigators Robert A. Hummer, Allison E. Aiello, and Eric A. Whitsel) to the University of North Carolina at Chapel Hill. Co-funding for Wave VI was provided by the Eunice Kennedy Shriver National Institute of Child Health and Human Development, the National Institute on Minority Health and Health Disparities, the National Institute on Drug Abuse, the NIH Office of Behavioral and Social Science Research, and the NIH Office of Disease Prevention. Data from Waves I-V of Add Health are from the Add Health Program Project, grant P01 HD31921 (Kathleen Mullan Harris) from the Eunice Kennedy Shriver National Institute of Child Health and Human Development, with cooperative funding from 23 other federal agencies and foundations. Add Health was originally designed by J. Richard Udry, Peter S. Bearman, and Kathleen Mullan Harris at the University of North Carolina at Chapel Hill. Add Health is currently directed by Robert A. Hummer; it was previously directed by Kathleen Mullan Harris (2004-2021) and J. Richard Udry (1994-2004). Information on obtaining Add Health data is available on the project website (https://addhealth.cpc.unc.edu).

Equivalent Sound Level for a 9-Hour Night (LAEQN) Noise Exposures from 90 Major Airports

Title	Equivalent Sound Level for a 9-Hour Night (LAEQN) Noise Exposures from 90 Major Airports
File Name	w5noiselaeqn.sas7bdat
Case Quantity	57886
Variable Count	4

AID - RESPONDENT IDENTIFIER NUMBER

Type	Text
Constraints	Maximum Length: 8

Valid	Invalid	Minimum	Maximum
57886	0	10316654	99886999

RMENEXEQNDFR - EQ LVL NIGHT, DATE FROM

Type	Text
Constraints	Maximum Length: 10
Notes	Date range: 01/03/1994--01/10/2019

Valid	Invalid
57886	0

RMENEXEQNDTO - EQ LVL NIGHT, DATE TO

Type	Text
Constraints	Maximum Length: 10
Notes	Date range: 08/31/1995--01/17/2019

Valid	Invalid
57886	0

RMENEXEQN001 - EQ LVL NIGHT, IN dB, INTERPOLATED FOR TIME SEGMENT

Type	Numeric (Double)

			Frequency	% of total	% of valid
Missing	-9992	Missing LAEQN source data for time period (applies to all years after 2015)	16775	28.98%	
	-9990	Coordinates missing in Add Health master address file for time period	8697	15.02%	
	-9989	Less than 45 dB: Participant coordinates available for time period, but located outsi	26994	46.63%	
		Total	52,466	90.64%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5420	52466	45	63.2	48.395018...	2.8099678...