

Feuille1

Decibels emitted by cars (Soundmetered at 10ft)

2012-05-01

Make	Model	Decibels	Times the decibels exceeds the WHO norm.	Test Location
Audi	Q5	60	8	hospital
Audi	A4	61	8	hospital
Audi	Q9	69	16	street
BMW	X5	60	8	hospital
Buick	Lucerne	71	32	hospital
Buick	Allure	76	32	hospital
Chevrolet	Avéo	83	128	street
Chrysler	Town & Country	69	16	street
Fiat	500	71	32	hospital
Ford	Escape XLT	87	128	street
Honda	CRV	72	32	hospital
Honda	Accord	81	64	hospital
Honda	Civic	86	128	street
Hyundai	Sonata 2011	75	32	street
Hyundai	Elantra	84	128	street
Hyundai	Santa Fe	84	128	street
Infiniti	G37 X5	75	32	hospital
Jeep	4x4	76	64	street
Mazda	3	74	32	street
Mazda	6	74	32	street
Mitsubishi	RVR	58	8	hospital
Nissan	Sentra	65	16	hospital
Pontiac	Torrent	77	64	street
Subaru	Impreza 2010	70	32	street
Subaru	Legacy	71	32	hospital
Toyota	Corolla	60	8	hospital
Toyota	Corolla 2011	60	8	street
Toyota	Yaris	62	8	street
Toyota	Rav 4 2011	67	16	street
Toyota	Sienna	87	128	street

Your car is not listed? Take the 30 seconds test
(if you live in the Montreal region)

How to calculate decibels?

The WHO (World Health Organization) norm is 40 db in order not to disturb sleep
Everytime the number of decibels increases by 6 the perceived sound is doubled.
The calculation is exponential.

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The results are as follows :

WHO Limit	Decibels emitted	Number of times the WHO norm is exceeded
40	46	2
40	52	4
40	58	8
40	64	16
40	70	32
40	76	64
40	82	128

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