

Project: **BRISTOL AIRPORT – 12MPPA APPEAL**

File Ref: A11339_Mo003_1.0

Date: 13th August 2021

Subject: **Clarification of Number of Dwellings with no Change in Noise**

It was requested on Day 13 of the Inquiry to clarify the “small” number of dwellings experiencing a zero change in noise level, which were included in the “beneficial” category in Tables 6A.56 to 6A.63 of the Environmental Statement Addendum. It is important to highlight that Tables 6A.57, 6A.59 and 6A.61 have been updated in the Erratum Note, Inquiry document INQ/021.

The number of dwellings experiencing a zero change is presented in Table 1 below for the daytime tables. For the night-time assessment, only 2 dwellings fall in to this category, when comparing 2017 with 10 mppa 2024. These 2 dwellings are in the 48-51 dB band in (the corrected) Table 6A.57. The other night-time comparisons had no dwellings with an assessed change of exactly zero.

Scenario Comparisons	Number of Dwellings with a Zero Change in Daytime Noise Level by Band, dB $L_{Aeq,16h}$				
	51-54	54-57	57-60	60-63	>63
2017 vs 10 mppa 2024 (Table 6A.56)	0	0	5	4	0
2017 vs 12 mppa 2030 (Table 6A.58)	17	0	22	0	0
10 mppa 2024 vs 12 mppa 2030 (Table 6A.60)	0	0	4	0	0
10 mppa 2030 vs 12 mppa 2030 (Table 6A.62)	0	0	0	0	0

Table 1: Number of Dwellings with a Zero Change in Noise Level, Daytime

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