

## Community Aviation Noise Saturation (CANS)

For Discussion Purposes, January 2024 BWI Community Roundtable (version 1)

DNL Contour	NES Predicted HA Range <sup>(1)</sup>	MAA EST Population <sup>(2)</sup>	EST HA Range Population <sup>(3)</sup>	Current FAA 65 DNL Percentage <sup>(4)</sup>	Current Policy Total Maximum Population
50-55	0.0% - 0.0%	0	0 - 0		
55-60	32.1% - 48.8%	111,668	35,845 - 54,494		
60-65	48.8% - 65.7%	16,531	8,067 - 10,861		
65 and above	65.7% - 79.4%	4,120	2,707 - 3,271		
<b>Totals</b>	<b>35.2% - 51.9%</b>	<b>132,319</b>	<b>46,619 - 68,626</b>	<b>13.6% - 23.3%</b>	<b>17,982 - 30,857</b>
(1) Based on FAA's National Environmental Survey					
(2) Based on HMMH November 2019 Analysis					
(3) Result of multiplying (1) and (2)					
<b>(4) Current HA level for Significant Noise Impacts at 65-70 DNL</b>					