



# Survey Results

Life under a flight path during lockdown

*No 3<sup>rd</sup> Runway Coalition, June 2020.*



# Summary

- ▶ Survey opened on 30<sup>th</sup> April 2020 and closed on 21<sup>st</sup> May 2020
- ▶ 8 questions (mixture of quantitative & qualitative) plus option for additional comment
- ▶ A total of 3,419 responses
- ▶ 3,245 completions
- ▶ 174 partially completed
- ▶ Analysis only covers completed surveys
- ▶ 2063 organic responses
- ▶ 1128 paid responses (Audience panel provided by Smart Survey)
- ▶ The survey of 3,419 adults in the UK was undertaken by the No 3<sup>rd</sup> Runway Coalition.
- ▶ The survey was conducted using an online questionnaire shared via the Coalition's mailing lists and social media channels.

Total	Partial	Completed
3,419	<u>174</u>	3,245



# Q1 - Participation

Do you agree to take part in this survey sent to you by the No 3rd Runway Coalition? The data collected will be used to understand the impact of fewer flights on different geographical areas.

Answer Choice	Response Percent	Response Total
1 Yes - I am happy to take part in this survey.	99.1%	3211
2 No - I do not want to take part in this survey.	0.9%	30
	<b>answered</b>	3241
	<b>skipped</b>	4



# Q2 - Response Areas

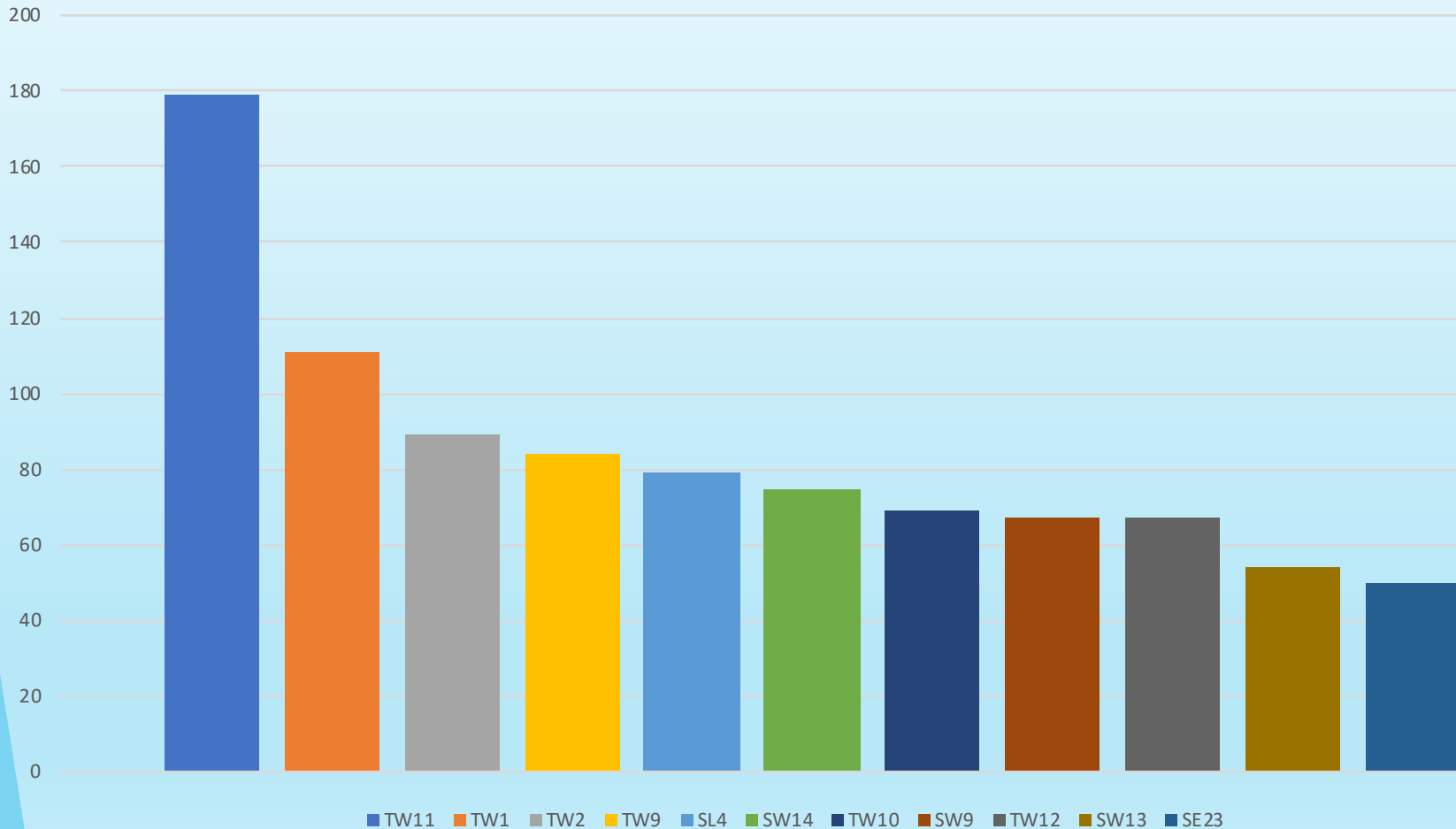
Please enter the first part of your postcode (e.g. TW6)		
Answer Choice	Response Percent	Response Total
1	100.0%	3218
	answered	3218
	skipped	27

bn2 cr0 e11 e14 e16 kt1 kt19 **kt2** kt8 nw2 nw6 rg12 rh1 se11 se13 se15 se17 **se23** se26  
se5 se7 sl1 sl2 **sl3 sl4** sl5 sl6 sw11 **sw13 sw14 sw15** sw18 **sw19** sw20  
sw4 sw6 sw8 sw9 **tw1 tw10 tw11 tw12** tw13 tw15 tw17 tw18 tw19  
**tw2** tw20 tw3 tw4 tw5 **tw7 tw8 tw9** ub3 **ub7** w12 w13 w14



# Q2 – Responses Areas

Top Responses by Postcode



## Top 20 areas for responses

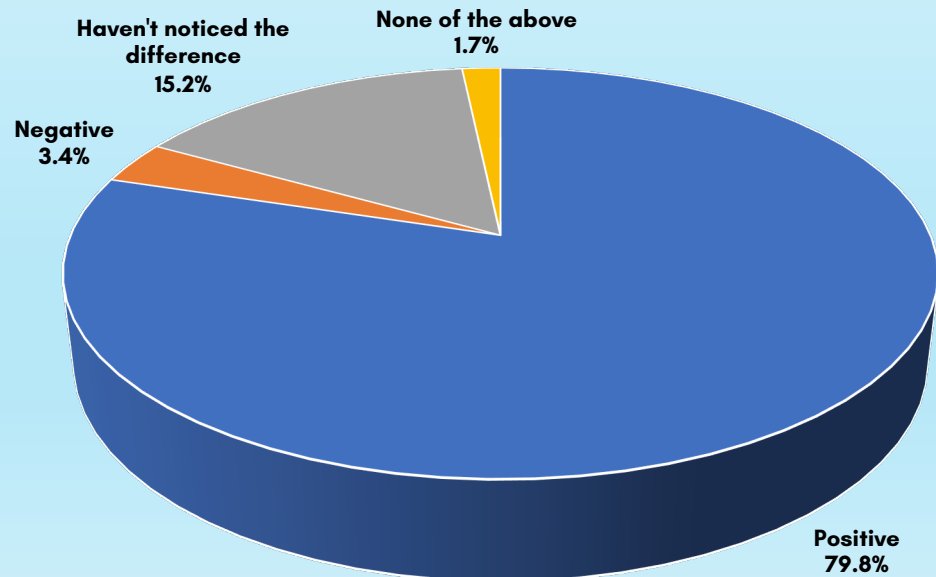
Postcode	Number of responses
TW11	179
TW1	111
TW2	89
TW9	84
SL4	79
SW14	75
TW10	69
SW9	67
TW12	67
SW13	54
SE23	50
TW7	46
SL3	43
UB7	41
SE5	39
KT2	34
TW8	34
SW8	30
TW19	30
SL6	22
SW15	19
SW19	19
TW20	18
KT8	17
SE15	17
SW11	17
TW3	17
CR0	16
SW6	16
SL5	15

Graph shows areas with 50 or more responses. Responses were received from 60 different postcode areas.



# Q3 – Experience of Fewer Flights

How have you found the experience of fewer flights overhead?			
Answer Choice		Response Percent	Response Total
1	Positive	79.8%	2547
2	Negative	3.4%	107
3	Haven't noticed the difference	15.2%	485
4	None of the above	1.7%	54
		answered	3193
		skipped	52

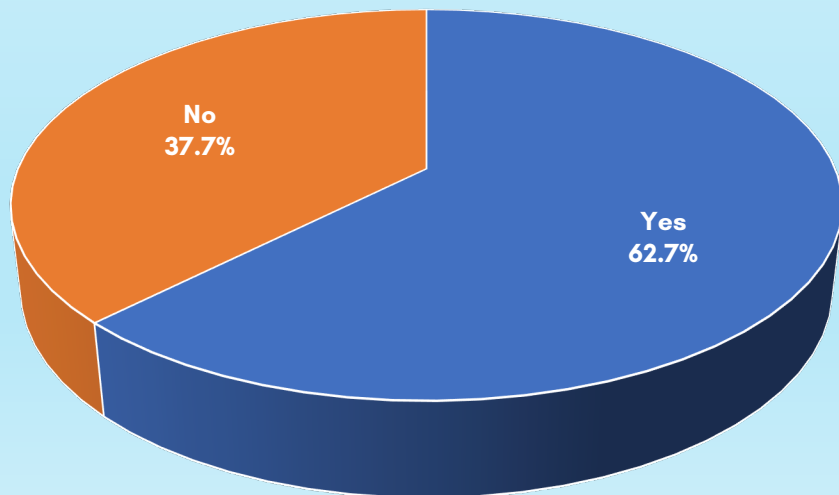


# Q3 – Positive Experience

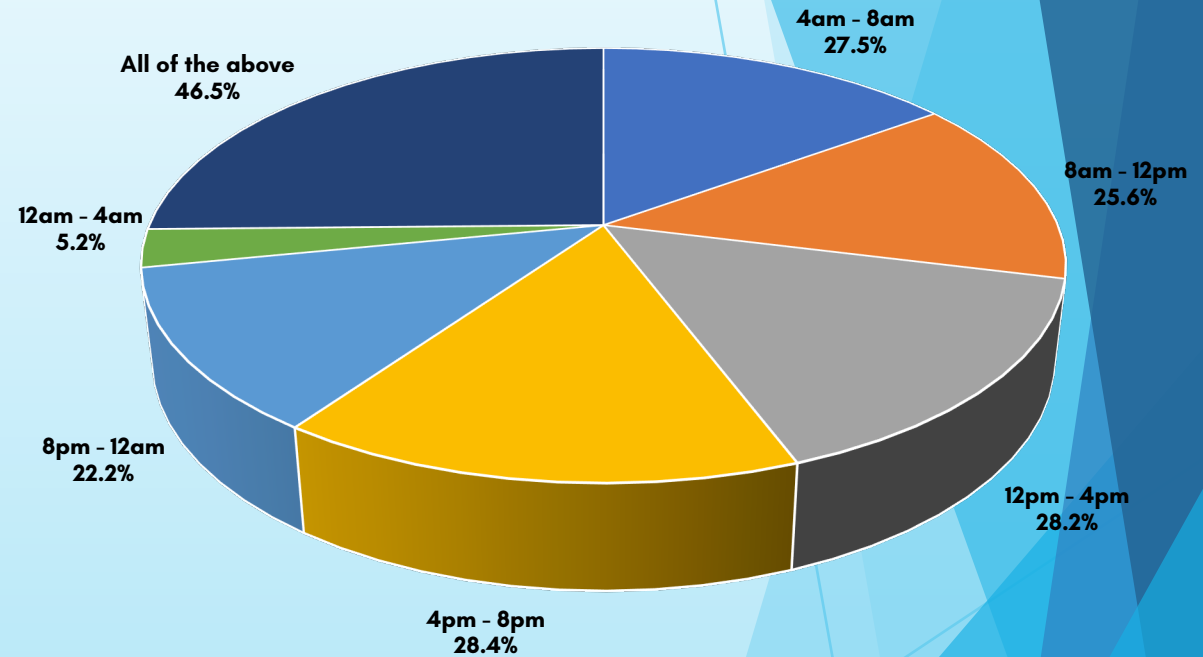
**79.77% respondents stated that they had a positive experience of fewer flights overhead**

- Of these, 46.5 % (1179/2538) noticed the reduction in flights all day.
- 62.67% (1575/2513) said there had been an impact of sleep patterns.
- 82.3% described a variety of noticeable health impacts whereas 17.7% (412/2315) said there had been no noticeable health impacts.

**Has there been any impact on your or your family members' sleep pattern?**



**What time of day has the reduction in flights been most noticeable?**

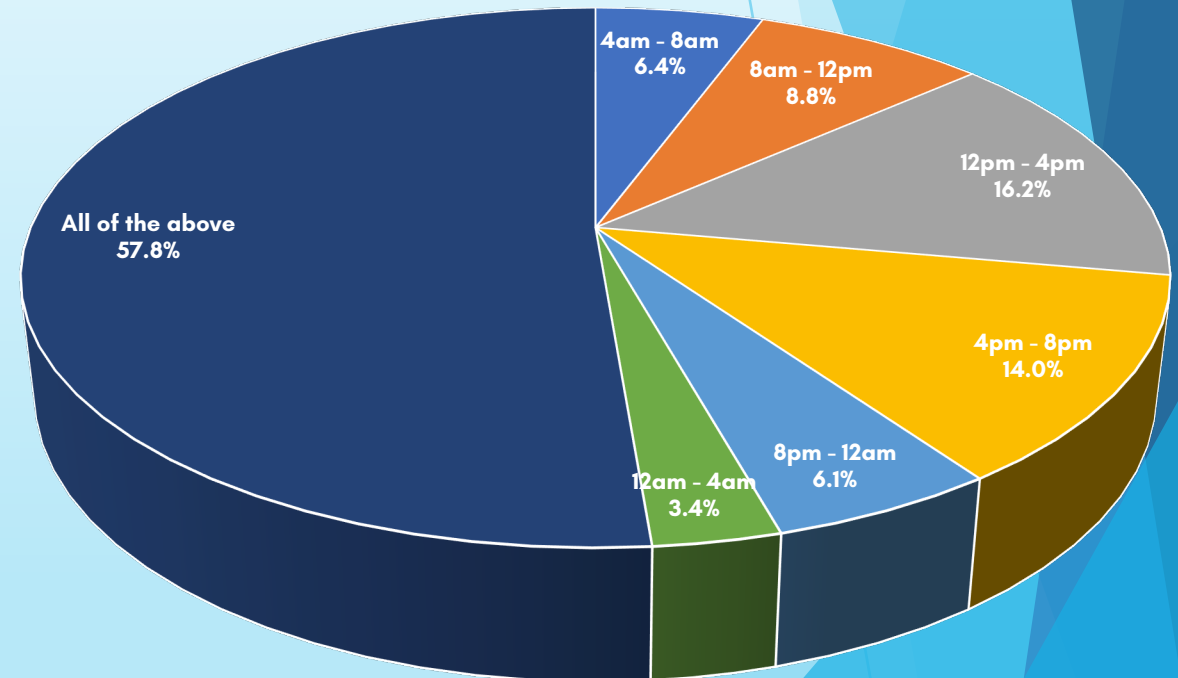


# Q3 – No difference

**15% (485) haven't noticed any difference during lockdown.**

- Of these, 93% (451/481) said there had been no impact on their sleep pattern.
- 97% (430/442) said they had undertaken no activities outside.
- 95% (424/446) said there had been no health impact.
- 57.8% (236/408) said that they most noticed the reductions in flights all day long.

What time of day has the reduction in flights been most noticeable?



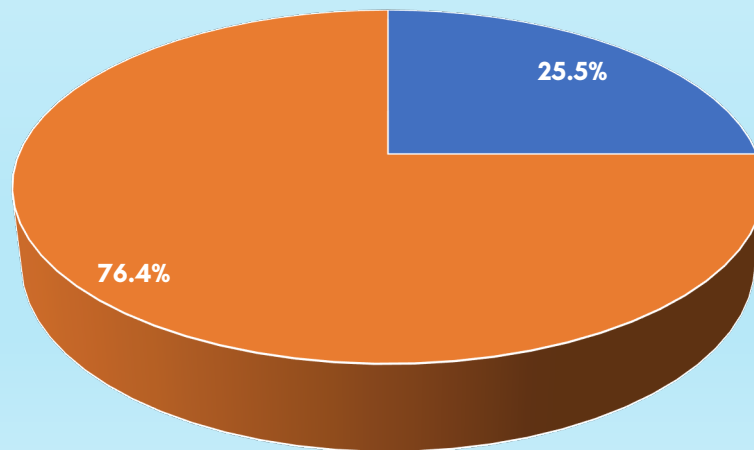


# Q3 – Negative Experience

**3.35% (107) respondents found experience of fewer flights to be negative**

- Of these, 76% (81/107) said that it had no impact on their sleep pattern.
- 65% (66/101) said that there had been no noticeable health impacts.
- 78% (78/99) have not undertaken any activities outside.

**Has there been any impact on your or your family members' sleep pattern?**



■ Yes ■ No



# Q4 - Impact

What impact has the reduction in flights had on your household/community?

Answer Choice	Response Percent	Response Total
1	100.0%	3137
	answered	3137
	skipped	108

Impact	Number of mentions
noise	1026
garden	669
sleep	582
hear	534
planes	400
flights	393
pollution	361
birds	349
quieter	289
cleaner	262
aircraft	254
peaceful	247
woken	229
quality	222
night	219
enjoy	213
morning	212
overhead	202
peace	202
quiet	201

aircraft bird birds birdsong calmer cleaner clearer constant conversation  
 difference enjoy family feel feels flight flights flying garden hear  
 heathrow house impact improved it's life live lockdown longer lot morning nature night  
 noise noisy noticed open overhead path peace peaceful people plane  
 planes pollution positive quality quiet quieter reduced reduction  
 singing skies sky sleep sleeping stress traffic windows woken wonderful

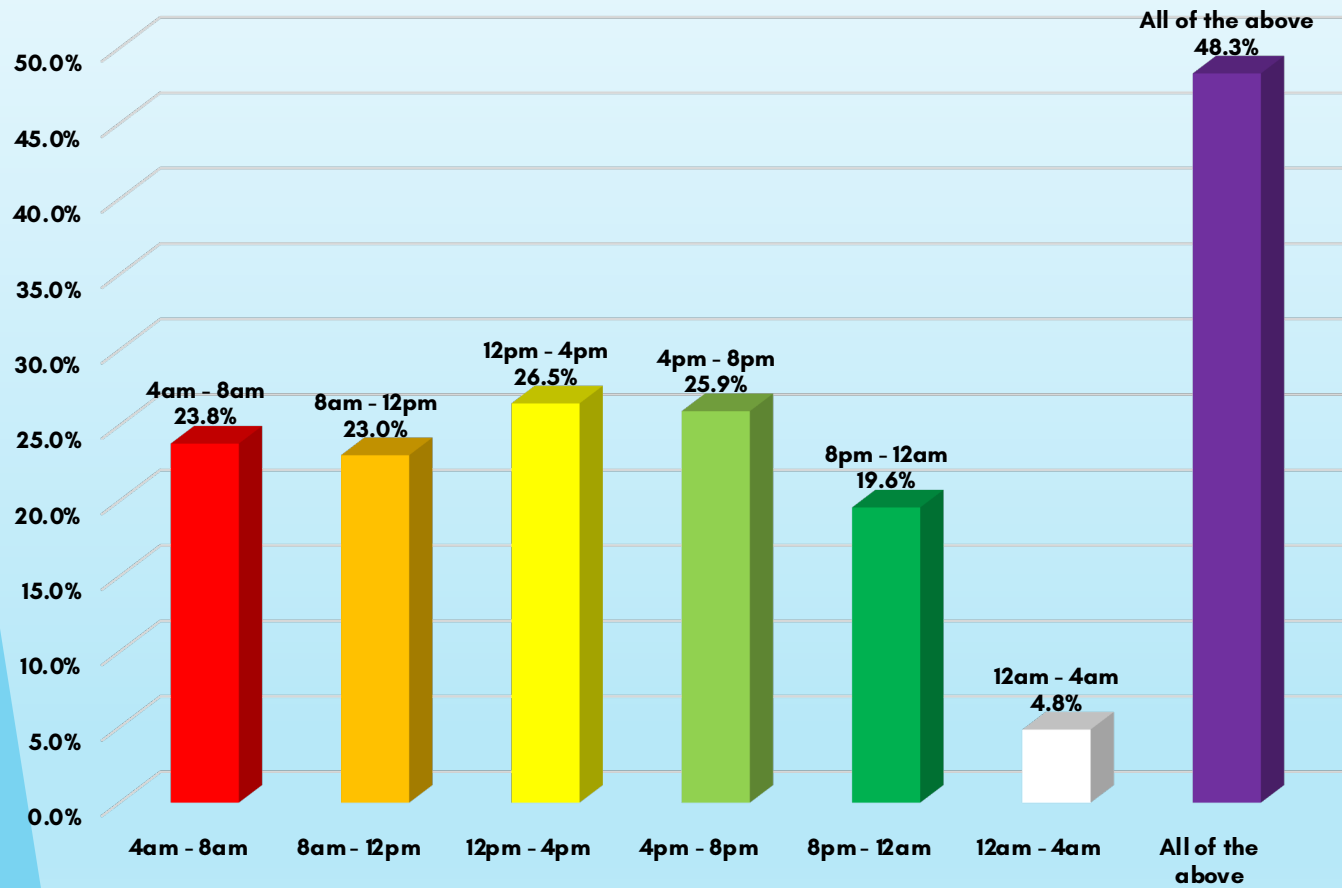


## Q4 – Impact: Quotes

Area of response	Quote
W14	<i>“Our house feels peaceful and our children can enjoy the sounds of birds singing in the morning and throughout the day. When we speak to our neighbours we do not get interrupted by the loud engines of planes flying overhead. People in our community appear to have a better sense of well being, less irritable, friendly.”</i>
SL5	<i>“The reduction in flight noise has been positive for my mental health. I have worried less about aircraft waking my baby and about the poisonous emissions along concentrated routes. I have a fear of it restarting.”</i>
IG6	<i>“It has been peaceful most of the time and air quality is much improved. It has had a positive impact on my mental health.”</i>
TW11	<i>“Never realised there were so many birds around the gardens – normally you don't hear them. There's considerably less dusting to do in the house too.”</i>
SW1	<i>“I can enjoy FRESH air in the garden and local parks.”</i>



# Q5 - Flight Times



## What time of day has the reduction in flights been most noticeable?

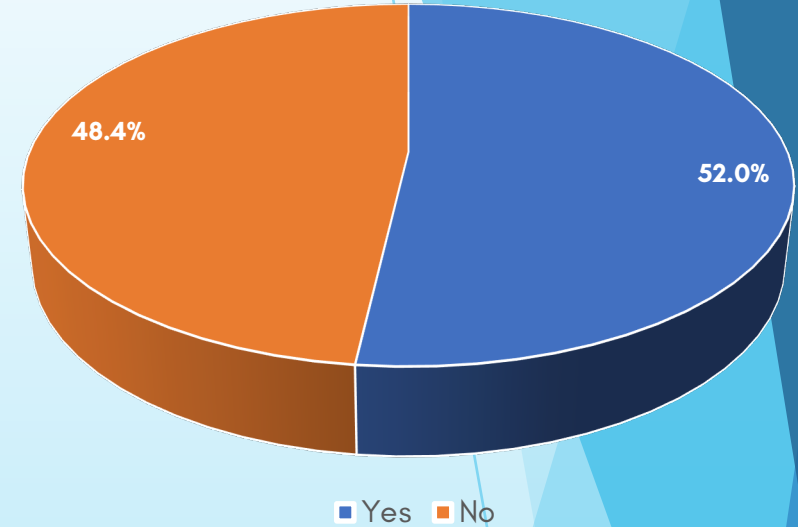
Answer Choice	Response Percent	Response Total
1 4am - 8am	23.8%	742
2 8am - 12pm	23.0%	718
3 12pm - 4pm	26.5%	825
4 4pm - 8pm	25.9%	809
5 8pm - 12am	19.6%	610
6 12am - 4am	4.8%	151
7 All of the above	48.3%	1507
answered		3119
skipped		126



# Q6 - Impact on Sleep

Has there been any impact on your or your family members' sleep pattern? (If yes please provide more detail in comment section below)

Answer Choice	Response Percent	Response Total
1 Yes	52.0%	1653
2 No	48.4%	1536
Comments:		1747
	answered	3176
	skipped	69



30am 4am 5am 6am aircraft arrivals asleep awake bedroom children deeper difference disturbance disturbed earlier easier evening fall family feel flight flights flying good hear heathrow hours house improved landing lockdown longer loud midnight morning mornings night nights noise noisy open overhead pattern plane planes quality refreshed rested sleep sleeping slept sound start uninterrupted wake waking window windows woken years

Issue	Number of Mentions
sleep	888
woken	487
morning flights	358
flights	342
night	269
sleeping	267
planes	229
noise	202
longer	172
wake	132



# Q7 - Health Impacts

Have you or your family noticed any health impacts from the reduction in flights?

Answer Choice	Response Percent	Response Total
1	100.0%	2931
	answered	2931
	skipped	314

Key Word	No of times raised
sleep	297
noise	249
stress	203
cleaner	189
health	168
feel	155
pollution	151
improved	142
relaxed	134
quality	123
breathing	102
stressed	102
calmer	99
mental	98
asthma	92
reduction	88
garden	87
feeling	73
clearer	66
easier	60

aircraft anxiety asthma benefits birds breathe breathing calmer  
**cleaner** clearer constant coughing easier energy enjoy feel feeling feels  
 flight flights fresher garden general generally good happier headaches **health**  
 healthier hear impact **improved** it's lack levels lockdown mental noise  
 noticed overhead peace peaceful plane planes pollution positive quality  
 reduced reduction **relaxed** rested sense **sleep** sleeping **stress**  
**stressed** stressful tired traffic wellbeing



# Q7 – Health Impacts

Area of response	Quote
TW7	<i>“Easier to breathe when exercising, lower blood pressure– from better sleep and less noise stress”</i>
W5	<i>“Improved air quality for my daughter who suffers from bronchiolitis and asthma”</i>
TW11	<i>“Feel more relaxed, skin improved due to lack of pollution, less reliance on tissues for nasal congestion. Eye congestion improved.”</i>
TW8	<i>“It is just bliss not to have the constant interruption of aircraft noise. Apart from the worrying financial impact of the pandemic I feel physically more relaxed with less pollution from aircraft noise. It is good to hear birds singing, loudly!”</i>
HP1	<i>“The air smells better. My son hasn’t had an asthma attack since lockdown.”</i>

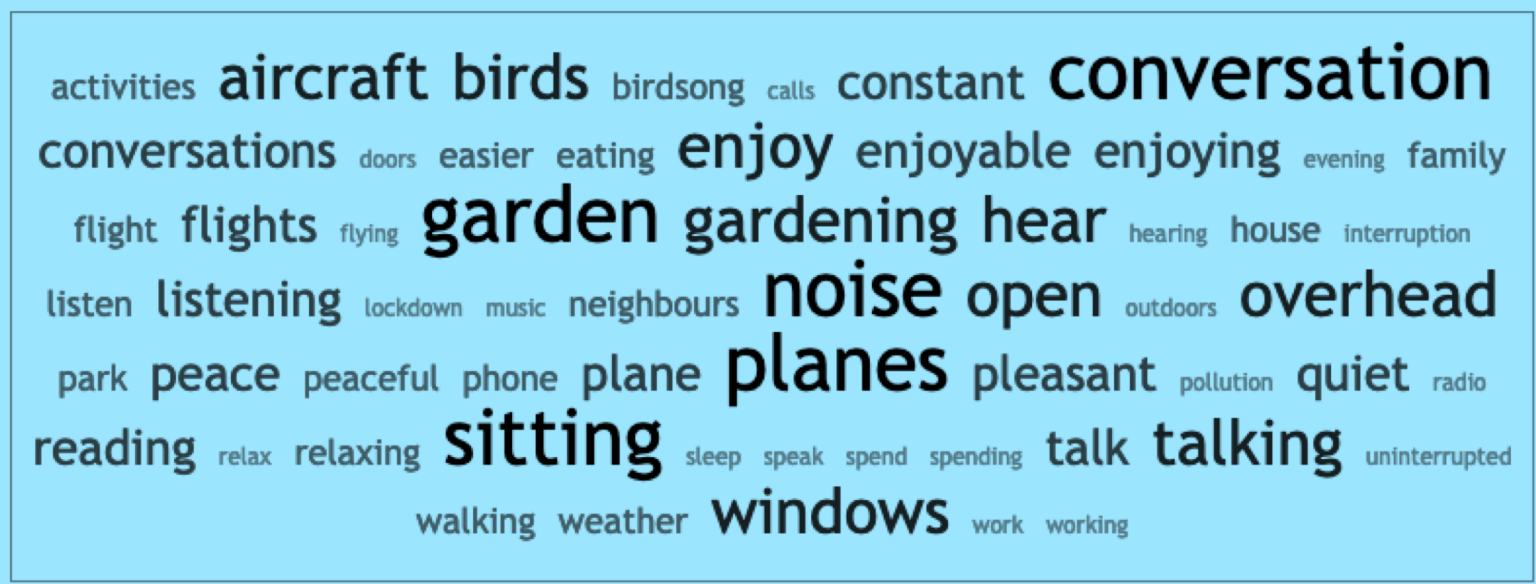


# Q8 – Outside Activities

Are there any activities at home or in the garden (or other outside space) that you have been able to undertake that would not normally be possible?

Answer Choice	Response Percent	Response Total
1	100.0%	2856
	answered	2856
	skipped	389

Key Word	Number of Responses
garden	820
noise	281
sitting	202
planes	175
conversation	132
hear	130
enjoy	121
aircraft	119
open	115
gardening	109
overhead	106
talking	92
windows	90
birds	89
enjoyable	85
plane	82
reading	80
enjoying	79
peace	71
pleasant	70





## Q8 – Outside Activities

Area of response	Quote
SE23	<i>“Reconnecting with nature”</i>
SE26	<i>“Walking in the neighbourhood and listening to the birds that you normally can't hear.”</i>
SW4	<i>“We have been able to work in the garden and enjoy the outside space for several hours at a time rather than have to go inside for a 'noise break'”</i>
W7	<i>“Being heard when speaking is a bonus”</i>
W4	<i>“In normal times we have to escape the house on warm evenings when it 'our turn' for arrivals. Now we can enjoy the garden.”</i>



## Q9- Additional Comments

Area of response	Quote
W7	<i>"I sincerely hope that this pause lets us re-assess what level of flying is necessary, and what can be dispensed with for the sake of the environment and peoples' mental and physical health."</i>
SL3	<i>"The third runway should now be scrapped. Air travel must be curtailed for the sake of the environment and hopefully this will now happen post lockdown"</i>
KT1	<i>"It has made me think about air less travel in the future"</i>
TW19	<i>"A real wake up call that Heathrow expansion is a crazy idea - perhaps Covid will make us reduce our dependence on air travel."</i>
SL4	<i>"It's been a revelation how much the aircraft noise has been impacting our household negatively for years. The steady rise in the number of planes and the fact that they seem to fly lower has got worse over time. It's been wonderful to live without the noise"</i>

