• This report only refers to aircraft operations on Runways 10R, 28L, 16 & 34 and complaints concerning their operations.

• The report into operations on Runway’s 10L and 28R will follow after a review.
Executive Summary for Runways 10R, 28L, 16 and 34
September 2022

Number of movements in September recorded in the NFTMS* system

- There were 17,791 movements in September associated with Dublin airport. Of those;
  - 9,289 were arriving aircraft
  - 8,500 were departing aircraft
  - 2 were Touch and Go (Training) flights

Aircraft Compliance with approved flight routings:

- Just over 99% of Category C/D aircraft flew on track during the month.

Noise Complaints:

- In September, there were 2,457 noise complaints received from 193 individuals by Dublin Airport.
- One individual complainant lodged 1,546 complaints from operations off runway 10R and 28L. (62% of Dublin Airports total)

* NFTMS is the Noise and Flight Track Monitoring system
Category C/D Aircraft On Track Performance (Rolling 12 Months)

CAT C/D includes all Jet aircraft excluding BAE146 type aircraft
Noise Complaint Analysis By Runway September 2022

- 28L Arr: 82
- 28L Dep: 1859
- 10R Arr: 412
- 10R Dep: 104
- 34 Arr: 0
- 34 Dep: 0
- 16 Arr: 0
- 16 Dep: 0
- Not Specified: 0
Day / Night Noise Complaints By Runway September 2022

Day
- 10R Arrival: 28
- 10R Departure: 75
- 16 Arrival: 29
- 16 Departure: 0
- 28L Arrival: 0
- 28L Departure: 0
- Not Specified: 0

Night
- 10R Arrival: 384
- 10R Departure: 29
- 16 Arrival: 29
- 16 Departure: 53
- 28L Arrival: 0
- 28L Departure: 0
- Not Specified: 0
Complainant Analysis By Area September 2022

<table>
<thead>
<tr>
<th>Area</th>
<th>Total Individuals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sep</td>
<td>193</td>
</tr>
</tbody>
</table>

- Artane: 5
- Ashbourne: 1
- Baldyville: 1
- Ballyboughal: 3
- Bray: 1
- Castleknock: 1
- Clonee: 6
- Clongriffin: 4
- Conshaugh: 2
- Dardistown: 1
- Donabate: 2
- Donaghmoe: 18
- Dunboyne: 11
- Dunshaughlin: 19
- Dunsoghly: 1
- Finglas: 1
- Hollystown: 2
- Howth: 1
- Kiladockey: 2
- Kilsallaghan: 1
- Kinsale: 5
- Kildalkey: 12
- Kinsealy: 1
- Leixlip: 1
- Malahide: 15
- Meath: 2
- Oldtown: 3
- Ongar: 9
- Portmarnock: 3
- Raheny: 1
- Rateach: 2
- Rolestown: 3
- Santry: 2
- St Margaret's: 1
- Summerhill: 1
- Sutton: 1
- Swords: 16
- The Ward: 11
- Tyrrelstown: 6
Noise Complaint Analysis Rolling 12 Months

![Graph showing noise complaints from October 2021 to September 2022.](image)
Individual Complainant Analysis 2021 V 2022

This is the number of unique individual complainants during the reporting period
# Noise Complaints Analysis 2021 V 2022

<table>
<thead>
<tr>
<th>Month</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>795</td>
<td>1813</td>
</tr>
<tr>
<td>February</td>
<td>499</td>
<td>1777</td>
</tr>
<tr>
<td>March</td>
<td>565</td>
<td>1983</td>
</tr>
<tr>
<td>April</td>
<td>555</td>
<td>2270</td>
</tr>
<tr>
<td>May</td>
<td>511</td>
<td>2630</td>
</tr>
<tr>
<td>June</td>
<td>883</td>
<td>2610</td>
</tr>
<tr>
<td>July</td>
<td>1385</td>
<td>2759</td>
</tr>
<tr>
<td>August</td>
<td>1531</td>
<td>2157</td>
</tr>
<tr>
<td>September</td>
<td>1532</td>
<td>2457</td>
</tr>
<tr>
<td>October</td>
<td>1776</td>
<td></td>
</tr>
<tr>
<td>November</td>
<td>1752</td>
<td></td>
</tr>
<tr>
<td>December</td>
<td>1784</td>
<td></td>
</tr>
</tbody>
</table>

## Monthly Noise Complaints Count

<table>
<thead>
<tr>
<th>Month</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-Sep</td>
<td>8,256</td>
<td>20,456</td>
</tr>
</tbody>
</table>

---

*Note: Data for December and January are incomplete.*
Noise Complaints Versus Off track Complaints September 2022

Noise Complaints: 2422
Off Tracks Complaints: 35
Noise Event Type Analysis By Runway September 2022

Graph showing the number of noise events by runway and type of noise event.

- **10R Arrival**:
  - Vibration: 200
  - Other: 100
  - Off Track (Unspecified): 50
  - Off Track (Specified): 10
  - Off Track (Multiple): 5
  - Noisy Aircraft: 15
  - Low Flying: 5
  - Low and off track: 5
  - Low and noisy: 5
  - Low & Noisy: 5
  - Ground Noise: 5

- **28L Arrival**:
  - Vibration: 100
  - Other: 10
  - Off Track (Unspecified): 5
  - Off Track (Specified): 5
  - Off Track (Multiple): 5
  - Noisy Aircraft: 5
  - Low Flying: 5
  - Low and off track: 5
  - Low and noisy: 5
  - Low & Noisy: 5
  - Ground Noise: 5

- **10R Departure**:
  - Vibration: 100
  - Other: 10
  - Off Track (Unspecified): 5
  - Off Track (Specified): 5
  - Off Track (Multiple): 5
  - Noisy Aircraft: 5
  - Low Flying: 5
  - Low and off track: 5
  - Low and noisy: 5
  - Low & Noisy: 5
  - Ground Noise: 5

- **28L Departure**:
  - Vibration: 1000
  - Other: 100
  - Off Track (Unspecified): 50
  - Off Track (Specified): 10
  - Off Track (Multiple): 10
  - Noisy Aircraft: 20
  - Low Flying: 20
  - Low and off track: 20
  - Low and noisy: 20
  - Low & Noisy: 20
  - Ground Noise: 20

Legend:
- Green: Vibration
- Blue: Other
- Brown: Off Track (Unspecified)
- Dark Blue: Off Track (Specified)
- Brown: Off Track (Multiple)
- Green: Noisy Aircraft
- Yellow: Low Flying
- Light Blue: Low and off track
- Light Green: Low and noisy
- Light Grey: Low & Noisy
- Orange: Ground Noise
Ground Noise Versus Suburbs Analysis 2022

<table>
<thead>
<tr>
<th>Location</th>
<th>Ground Noise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howth</td>
<td>1</td>
</tr>
<tr>
<td>Malahide</td>
<td>1</td>
</tr>
<tr>
<td>Oldtown</td>
<td>1</td>
</tr>
<tr>
<td>Ongar</td>
<td>1</td>
</tr>
<tr>
<td>Rush</td>
<td>1</td>
</tr>
<tr>
<td>Santry</td>
<td>7</td>
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<tr>
<td>St. Margaret's</td>
<td>1</td>
</tr>
<tr>
<td>Swords</td>
<td>5</td>
</tr>
<tr>
<td>Tyrrelstown</td>
<td>3</td>
</tr>
<tr>
<td>Unknown</td>
<td>2</td>
</tr>
</tbody>
</table>

Ground Noise: 23
# Ground Noise Monthly Analysis 2022

<table>
<thead>
<tr>
<th>Month</th>
<th>Ground Noise</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>0</td>
</tr>
<tr>
<td>February</td>
<td>2</td>
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<tr>
<td>March</td>
<td>3</td>
</tr>
<tr>
<td>April</td>
<td>4</td>
</tr>
<tr>
<td>May</td>
<td>2</td>
</tr>
<tr>
<td>June</td>
<td>4</td>
</tr>
<tr>
<td>July</td>
<td>1</td>
</tr>
<tr>
<td>August</td>
<td>5</td>
</tr>
<tr>
<td>September</td>
<td>2</td>
</tr>
</tbody>
</table>

**Jan - Sep**

|    | 23 |