CUMULATIVE DAB / DAB+ RECEIVER SALES (INCLUDING LINE FIT AUTOMOTIVE) 2008 – 2022

1 including pre 2008 sales
2 As of Q1 2023, including sales starting from 2013
3 Sales of consumer DAB+ radios almost tripled in the first half 2020 following the introduction of rules requiring all receivers to have DAB+ from 1st January 2020
4 including sales from 2009-2022

United Kingdom: 52,436,000
Germany: 25,800,000
Italy: 10,779,000
Norway: 8,500,000
France: 8,394,000

Australia: 8,317,000
Switzerland: 6,528,000
Netherlands: 3,937,000
Belgium: 2,697,000
Denmark: 1,903,000

1 including cars: 2,485 Million
2 contains only DAB+ sales starting from 2013
3 including sales starting from 2011
% NEW CARS WITH DAB / DAB+

- Italy: 100%
- Norway: 100%
- Belgium: 99%
- France: 99%
- Switzerland: 99%
- Denmark: 98%
- Netherlands: 98%
- United Kingdom: 98%
- Poland: 97%
- Spain: 97%
- Austria: 96%
- Czechia: 96%
- Germany: 95%
- Portugal: 95%
- Sweden: 95%
- Australia: 79%
TOTAL DAB / DAB+ NETWORK COVERAGE (% OF POPULATION) 2013 VS 2023

- Denmark: 98% (2013) vs. 99.9% (2023)
- Norway: 89% (2013) vs. 99.7% (2023)
- Switzerland: 99.5% (2013) vs. 99.5% (2023)
- Germany: 91% (2013) vs. 98% (2023)
- United Kingdom: 94% (2013) vs. 97.3% (2023)
- Belgium: 95% (2013) vs. 97% (2023)
- Netherlands: >95% (2013) vs. 97% (2023)
- Italy: 65% (2013) vs. 88% (2023)
- Australia: 63% (2013) vs. 66% (2023)
- France: 8% (2013) vs. 54.8% (2023)

DATA NOT AVAILABLE for the Netherlands.
| Country     | First Level Road Coverage | DAB / DAB+ | | KM First Level Road Coverage |
|-------------|---------------------------|------------|-----------------------------|
| Switzerland | 1,450 km 99%              |            | 1,450 km                    |
| Denmark     | 1,300 km 99%              |            | 1,300 km                    |
| Germany     | 12,700 km 98%             |            | 12,700 km                   |
| Norway      | 7,500 km 97%              |            | 7,500 km                    |
| Netherlands | 4,800 km 95%              |            | 4,800 km                    |
| Belgium     | 1,675 km 95%              |            | 1,675 km                    |
| Italy       | 6,500 km 95%              |            | 6,500 km                    |
| Australia   | 46,000 km 94%             |            | 46,000 km                   |
| United Kingdom | 6,000 km 87%         |            | 6,000 km                    |

*KM first level road coverage (motorways, autobahns, autostrade, autostradas, autoroutes). However most countries also have equivalent coverage on second level routes.

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8 Since end 2019 all 1st level tunnels longer than 300m are fitted with DAB+
9 National muxes only, regional muxes provide further coverage
10 Road coverage of DAB+ area covered Flanders and Wallonia
11 National and local muxes, no data on 2nd level routes
12 Road coverage of DAB+ markets only, covered in 8 capital cities & 1 regional area.
13 BBC National
14 By Q1 2024 National road coverage (Brittany, Corsica) will increase the main road coverage value
71% of Norwegians have one or more DAB radios in their home. 75% of Norwegians have access to DAB in their car.

Refers to % of people who have access to a DAB+ digital radio at home, at work or in the car in the five metropolitan capital cities, as of Q4 2022.

As of Q3 2022, including sales starting from 2013.

As of Q4 2021, base = population 12+.

2022, 13.7% of individuals have access to a DAB+ home receiver.
NUMBER OF NATIONAL STATIONS ON FM VS DAB / DAB+

<table>
<thead>
<tr>
<th>Country</th>
<th>FM</th>
<th>DAB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switzerland</td>
<td>53 *</td>
<td>90 **</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>821</td>
<td>56</td>
</tr>
<tr>
<td>Belgium</td>
<td>21</td>
<td>51</td>
</tr>
<tr>
<td>Netherlands</td>
<td>13</td>
<td>49</td>
</tr>
<tr>
<td>Italy</td>
<td>21</td>
<td>49</td>
</tr>
<tr>
<td>France</td>
<td>15</td>
<td>26</td>
</tr>
<tr>
<td>Germany</td>
<td>2</td>
<td>29</td>
</tr>
<tr>
<td>Denmark</td>
<td>6</td>
<td>19</td>
</tr>
</tbody>
</table>

*simulcast DAB+ stations  **exclusive DAB+ stations

19 No national stations; all stations dedicated to a language region or a region
20 no FM only stations
21 includes two AM services
22 A national station, by legal definition, broadcasts the same programme most of the time and covers more than 30 million inhabitants
23 up to 270 regional DAB+ programmes available
the % of people who listen to digital radio in a given time period

Norway
Q4 2019: 100%
Q4 2020: 100%

Switzerland
Q2 2022: 81%
Q2 2023: 75%

United Kingdom
Q2 2022: 74%
Q2 2023: 73%

Denmark
Q2 2022: 60%
Q2 2023: 59%

Belgium (Fr)
Q4 2021: 54%
Q4 2022: 53%

Netherlands
H1 2021: 48%
H1 2022: 52.9%

Australia
Q4 2021: 38.6%
Q4 2022: 35.9%

No FM distribution of national stations. For total listening, including local radio, reach among daily listeners is 97% digital and 3% FM only (local radio listening). Reach among daily listeners of national radio is 100%.

UK RAJAR listening figures from Q3 2021 have been calculated using a modified survey methodology and this should be considered when making comparisons against historical data.

Not all stations in Denmark have their platforms (DAB, IP, FM, Cable) measured.

Simulcast station listening via DAB+ and DAB+ only station listening via any platform.
Total listening hours by platform, % share

Switzerland (Q2 2023)
- DAB: 41%
- IP: 40%
- DTV / other digital: 4%
- FM / Cable: 19%

United Kingdom (Q2 2023)
- DAB: 40%
- IP: 25%
- DTV / other digital: 4%
- FM / Cable: 29%

Denmark (Q2 2023)
- DAB: 30%
- IP: 22%
- DTV / other digital: 48%

Belgium (Fr) (Q4 2022)
- DAB: 20%
- IP: 16%
- DTV / other digital: 7%
- FM / Cable: 58%

Netherlands (H1 2022)
- DAB: 16%
- IP: 32%
- DTV / other digital: 4%
- FM / Cable: 48%

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29 In Switzerland, 'IP' listening includes streaming, cable and IP-TV
30 FM only: 8%
31 FM/Cable 48% (including digital cable)
Emerging Markets

% Population Coverage

**Europe**

<table>
<thead>
<tr>
<th>Country</th>
<th>DAB+ Type</th>
<th>Population Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>Regular DAB+</td>
<td>83% coverage</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>Public consultation</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>Regular DAB+</td>
<td>97.1% coverage</td>
</tr>
<tr>
<td>Czechia</td>
<td>Regular DAB+</td>
<td>96% coverage</td>
</tr>
<tr>
<td>Estonia</td>
<td>Trial DAB+</td>
<td>75% coverage</td>
</tr>
<tr>
<td>Greece</td>
<td>Regular DAB+</td>
<td>Athens, Thessaloniki and Patras</td>
</tr>
<tr>
<td>Poland</td>
<td>Regular DAB+</td>
<td>68.7% coverage</td>
</tr>
<tr>
<td>Serbia</td>
<td>Trial DAB+</td>
<td>78% coverage</td>
</tr>
<tr>
<td>Slovakia</td>
<td>Trial DAB+</td>
<td>67% coverage</td>
</tr>
<tr>
<td>Slovenia</td>
<td>Regular DAB+</td>
<td>85% coverage</td>
</tr>
<tr>
<td>Sweden</td>
<td>Regular DAB+</td>
<td>43% coverage</td>
</tr>
<tr>
<td>Ukraine</td>
<td>Regular DAB+</td>
<td>7% coverage</td>
</tr>
</tbody>
</table>

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32 A third multiplex for regional coverage is currently in the planning.

33 Mobile outdoor coverage increased to 96.3% in November 2022 when the regular service started.

34 Population coverage of regular national multiplex, 7 regular local DAB+ multiplexes are also on air and provide additional coverage.

35 Population coverage of the regular national DAB+ multiplex for Viaplay Group (commercial radio). A second regular commercial national DAB+ multiplex (Bauer Media) is reaching 40% of the population. A national DAB+ multiplex for public service (Swedish Radio) is reaching 41.8% of the population.
**EMERGING MARKETS**

**% POPULATION COVERAGE**

**MENA**

- **Algeria**
  - Trial DAB+
  - 8% coverage

- **Bahrain**
  - Regular DAB+
  - 80% coverage

- **Kuwait**
  - Regular DAB+
  - 100% coverage

- **Qatar**
  - Regular DAB+
  - 100% coverage

- **Saudi Arabia**
  - Regular DAB+
  - 100% coverage expected by end 2024

- **Tunisia**
  - Regular DAB+
  - 75% coverage

**ASIA**

- **Azerbaijan**
  - Regular DAB+
  - 33% coverage

- **Indonesia**
  - Trial DAB+
  - Jakarta, Bandung, and Surabaya

- **Thailand**
  - Trial DAB+
  - Bangkok and vicinity
  - 17% coverage

**SUB-SAHARAN AFRICA**

- **Turkey**
  - Trial DAB+
  - 30% coverage

- **Ghana**
  - Trial DAB+
  - Accra and Kumasi

- **South Africa**
  - Trial DAB+
  - Johannesburg and Pretoria

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Broadcast Regulator ICASA published on 23 April 2021 Digital Sound Broadcasting Regulations for DAB+ in South Africa.
The data included in this infographic has been provided by WorldDAB members and partners including market research agencies, broadcasters, national digital radio bodies, national ministries and governmental bodies.

WorldDAB gathers the latest available data on DAB+ regarding receiver sales; new car sales; population coverage; household penetration; road coverage; national DAB+ stations; digital radio reach; listening numbers; emerging markets.

Updated and published twice a year, the WorldDAB infographic includes important data and figures on DAB+ for broadcasters, receiver and automotive manufacturers, as well as listeners.

For questions related to this infographic contact projectoffice@worlddab.org.

For a full list of sources attributable to each statistic visit the WorldDAB website.