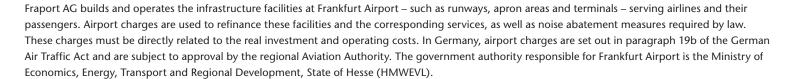
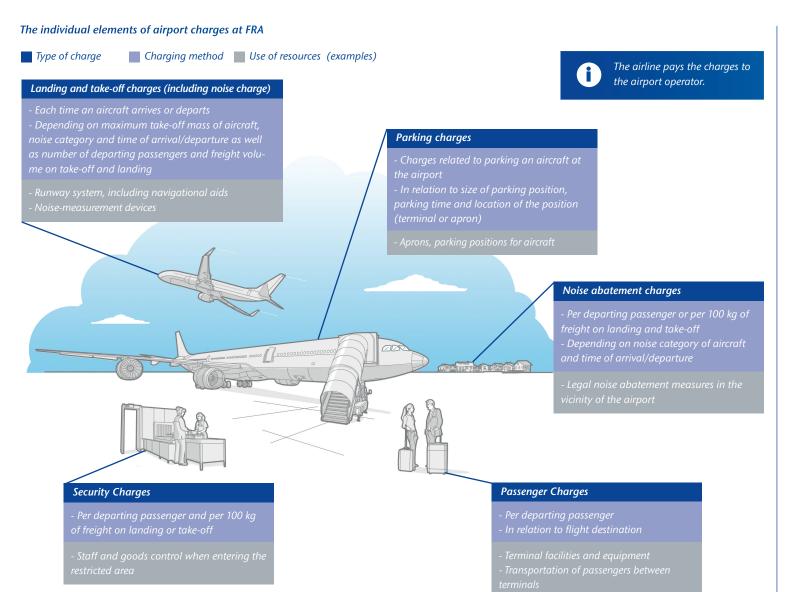
Airport charges at Frankfurt Airport





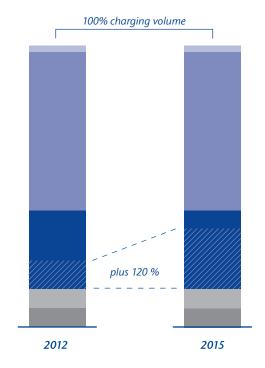


Significance of noise charges

Financial incentives to use quieter aircraft at Frankfurt Airport

The landing and take-off charges include a noise-related portion which has been raised by some 120 percent since 2012









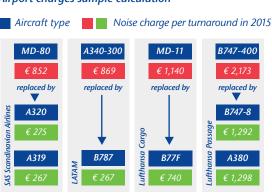
Frankfurt Airport is a global pioneer when it comes to developing and applying noise-related charges.

Based on aircraft noise measurements regularly carried out since 1964, and through the use of targeted airport charges, Fraport AG continuously contributes to aircraft noise reduction efforts. Starting in the 1990s, Fraport has been taking account of aircraft noise in its airport charges and in 2001 Frankfurt Airport was the first airport in Germany to introduce airport charges based on effectively measured noises. Back in 2010 these noise charges were even further spread: using noisy aircraft became more expensive for the carriers. This charge component was then further differentiated in the years 2013, 2014 and 2015. Every charge calculation is based on the aircraft type being allocated in one of 16 noise categories measured at FRA. Higher charges for aircraft movements operated during the late evening or early morning hours serve as an incentive to shift these movements into the daytime. A night curfew applies at FRA between 11 p.m. and 5 a.m.



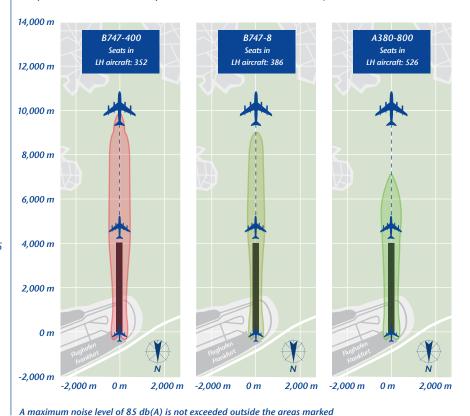
Airlines are gradually replacing noisy aircraft by quieter types

Airport charges sample calculation



Positive trend: less aircraft noise - more passengers

Comparison of take-off noise footprint between older and newer wide-body aircraft



Latest development of airport charges at FRA

1) Noise categories from Level 1 through 16 allow for a detailed differentiation in 1 db(A) steps

| 76.9 | dB(| (A) | | | | | | | | | | | 91 | 1.0 d | B(A) | |
|------|---------|-----|---|---|----------------|---|---|---|----|----|----|----|--------|-------|------|--|
| qı | quieter | | | | Noise category | | | | | | | | louder | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |

2) The effectively measured take-off and landing type level, based on a three-year average, is taken into account



3) Noise efficiency of the aircraft type is evaluated on the basis of an international standard, the "noise rating index" (NRI) with relation to the respective weight category. Depending on the technological evolution of the aircraft type, a maximum discount of 10 percent is granted on the noise charges. This provides an additional incentive to develop and use quieter aircraft types.