

ANAグループ環境データ / ANA Group Environmental Data

ORG2020/07/09

| | | | | 単位 / Unit | FY2019 | FY2018 | FY2017 | FY2016 | FY2015 |
|--|---|--|---|---------------------------------------|------------------------------------|--|-----------|-----------|-----------|
| 地球温暖化対策 / Climate Change Countermeasures | 大気汚染 / Air pollution | 全保有数 / Total number of vehicles / aircraft | 航空機 / Aircraft | 機 Aircraft | 307 | 265 | 257 | 256 | 247 |
| | | | 省燃費機材数(ジェット機のみ対象) / Number of Fuel-Efficient aircraft (Only Jet aircraft) | 機 Aircraft | 201 | 183 | 162 | 155 | 148 |
| | | | 省燃費機材割合(ジェット機のみ対象) / Ratio of Fuel-Efficient aircraft (Only Jet aircraft) | % | 71 | 75.9 | 69.5 | 66.0 | 64.9 |
| | | | 自動車 / Motor Vehicles | 台 Vehicles | 4,863 | 4,690 | 4,283 | 4,330 | 4,093 |
| | | | 低公害車保有割合 / Ratio of Fuel-Efficient & Low-Emission Vehicles | % | 37.9 | 38.4 | 41.5 | 40.2 | 39.6 |
| | | | 東京都特定低公害車・低燃費車保有割合 / Ratio of Fuel-Efficient & Low-Emission Vehicles(TOKYO) | % | 25.9 | 19.3 | 16.7 | 5.9 | 6.4 |
| | 二酸化炭素 / Carbon dioxide (CO2) | | CO2 (二酸化炭素) 排出量総計 / CO2 Emissions Total | | 1,246 | 1,156 | 1,161 | 1,126 | 1,074 |
| | | | 航空機 / Aircraft | | 1,233 | 1,143 | 1,148 | 1,114 | 1,062 |
| | | | 旅客便 / Passenger | | 1,196 | 1,098 | 1,097 | 1,058 | 1,005 |
| | | | 貨物便 / Cargo | 万トン 10,000 tons | 37 | 45 | 50 | 56 | 57 |
| | | | 地上設備・自動車 / Ground Equipment and vehicles | | 12.6 | 13.2 | 13.5 | 11.8 | 11.5 |
| | | | Direct Green House Gas Emissions (Scope1) | | 1,237.5 | 1,147.0 | 1,152.0 | 1,118.0 | 1,065.0 |
| | | | Indirect Green House Gas Emissions (Scope2) | | 8.4 | 8.9 | 9.2 | 8.3 | 8.3 |
| | | | Other Indirect Green House Gas Emissions (Scope3) | | *1 418.1 | *2 150.4 | *3 0.4 | *3 0.4 | *3 0.1 |
| | | | 有償輸送トンキロ当たり航空機CO2排出量 / Aircraft CO2 Emissions/RTK | kg-CO2/RTK (Revenue Ton-Kilometers) | 1.01 | 0.97 | 0.96 | 1.00 | 1.05 |
| | | | その他 / Others | | NOx (窒素酸化物) / Nitrogen oxide (NOx) | 航空機のLTOサイクル*4での排出量 (万トン - NOx) amount of emissions in LTO cycle (10,000 tons -NOx) | 0.69 | 0.72 | 0.72 |
| | 旅客輸送のNOx排出 / Specific NOx Emissions for Passenger Transport | 旅客キロあたりのグラム Grams/PKT (passenger kilometers transported) | | | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 |
| | 貨物輸送のNOx排出 / Specific NOx Emissions for Cargo Transport | トンキロあたりのグラム Grams/TKT (ton kilometers transported) | | | 0.41 | 0.40 | 0.42 | 0.44 | 0.56 |
| | HC (炭化水素) / Hydrocarbon (HC) | 航空機のLTOサイクル*4での排出量(万トン-HC) amount of emissions in LTO cycle (10,000 tons -HC) | | | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 |
| | CO (一酸化炭素) / Carbon monoxide (CO) | 航空機のLTOサイクル*4での排出量 (万トン - CO) amount of emissions in LTO cycle (10,000 tons -CO) | | | 0.39 | 0.42 | 0.44 | 0.43 | 0.44 |
| | 上空投機燃料 (航空機からの総投棄量) / Fuel dumped for emergency landing (Amount of fuel dumped) | kl | | | 416.1 | 303.0 | 201.9 | 67.2 | 345.7 |
| | 上空投機燃料 (回数) / Fuel dumped for emergency landing (Times) | 回 times | | | 11 | 10 | 9 | 5 | 9 |
| | エネルギー / Energy | エネルギー消費量 / Total energy consumption | 総計 / Total | 原油換算：万kl Crude oil equivalent：10000kl | 480 | 446 | 448 | 434 | 414 |
| | | | 航空機エネルギー消費 / Aircraft energy consumption | 原油換算：万kl Crude oil equivalent：10000kl | 474 | 439 | 441 | 428 | 408 |
| | | | 地上エネルギー消費(機体への電力供給を含む) / Ground energy consumption (Power supplied to parked aircraft from ground included) | 原油換算：万kl Crude oil equivalent：10000kl | 6.3 | 6.4 | 6.5 | 5.5 | 5.5 |
| 電気購入量 / Electricity Purchased | | | GWh | 159 | 161 | 165 | 143 | 146 | |
| 航空機燃料消費量 / Total aircraft fuel consumption | | | 万kl 10000kl | 501 | 464 | 466 | 452 | 431 | |
| オゾン層破壊 / Ozone depletion | | フロン排出量(航空機) / Fluorocarbon(aircraft) | kg | 2.7 | 9.4 | 5.3 | 8.8 | 16.4 | |
| | | ハロン排出量(航空機) / Halon(aircraft) | kg | 31.7 | 28.8 | 5.0 | 29.4 | 8.3 | |
| 水資源 / Water resources | | 総消費量 / Total water consumption | 万kl 10000kl | 68.8 | 69.7 | 70.8 | 65.0 | 57.8 | |
| | | 上水消費量 / Clean water | 万kl 10000kl | 59.6 | 61.1 | 61.4 | 57.8 | 51.5 | |
| | | 中水消費量 / Non-portable water | 万kl 10000kl | 9.2 | 8.6 | 9.4 | 7.2 | 6.3 | |
| 水質汚染 / Water pollution | | 排水使用量 (建物での使用) / Total waste treatment (buildings) | 万トン 10000 tons | 12.0 | 13.2 | 12.7 | 16.0 | 16.3 | |
| | | 航空機防除液使用量 / Aircraft anti-freezing and de-icing agent usage | kl | 1,485 | 2,194 | 2,234 | 1,995 | 1,590 | |
| 廃棄物 / Waste produced | | 総計 / Total | | 32.6 | 34.3 | 37.5 | 36.8 | 28.9 | |
| | | 一般廃棄物 (機内ゴミ・し尿) / General waste (In-flight operations -total cabin waste and sewage) | 千トン Thousand tons | 26.9 | 28.4 | 31.5 | 28.7 | 22.4 | |
| | | 一般廃棄物 (地上系) / General waste (Ground operations -total ground waste) | | 2.5 | 2.7 | 2.6 | 3.0 | 2.9 | |
| | | 産業廃棄物 / Industrial waste | | 3.2 | 3.2 | 3.4 | 5.1 | 3.6 | |
| 森林破壊 / Deforestation | | 紙の使用量 / Total paper consumption | 千トン Thousand tons | 3.1 | 3.2 | 4.0 | 4.6 | 4.7 | |
| 有害物質 / Toxic substances | | PCB (ポリ塩化ビフェニール) 保管量 / Stored amount of PCB (polychlorinated biphenyl) | トン ton | 4.2 | 4.2 | 9.3 | 9.6 | 15.6 | |

上記のデータはANAグループの環境にかかわる実績集計値です。2019年度はPeach Aviationとバニラエアの実績も加えています。(なお有償輸送トンキロ当たり航空機CO2排出量、NOxなどのその他情報、フロン、ハロン排出量(航空機)はANAブランドの情報) / The data above was compiled from the environmental activities of ANA and ANA Group companies. Data for FY2019 includes data for Peach Aviation and Vanilla Air except Aircraft CO2 Emissions/RTK, Fluorocarbon and Halon for aircraft and Others including NOx, HC,CO and so on.

*1 FY2019 Scope3すべてのカテゴリーを算定/Scope 3 data for FY2019 is calculated in all categories.

*2 FY2018 Scope3 カテゴリー2~4,6,7算定、第三者認定済/Scope 3 data for FY2018 is calculated in categories 2~4,6,7 and assured.

*3 FY2015~FY2017 Scop3 カテゴリー6,7算定、第三者認定済/ Scope3 data for FY2015~FY2017 are calculated in categories 6,7 and assured.

*4 ICAOの定める離発着標準モデル/LTO (Landing / Takeoff cycle) is the standard model for landing / take off stipulated by the ICAO.