

| Index | Species | Unit | Remark |
|-------|--------------------------------|------------------------------------|---|
| 0 | Year | Year | Important for running RCP scenarios as some treatments differ before 1850 |
| 1 | CO ₂ fossil | Gt C yr ⁻¹ | |
| 2 | CO ₂ land use | Gt C yr ⁻¹ | |
| 3 | CH ₄ | Mt yr ⁻¹ | Only anthropogenic emissions |
| 4 | N ₂ O | Mt N ₂ yr ⁻¹ | Only anthropogenic emissions, expressed as N ₂ equivalent mass |
| 5 | SO _x | Mt S yr ⁻¹ | Only anthropogenic emissions |
| 6 | CO | Mt yr ⁻¹ | Only anthropogenic emissions |
| 7 | NMVOG | Mt yr ⁻¹ | Only anthropogenic emissions |
| 8 | NO _x | Mt N yr ⁻¹ | Only anthropogenic emissions |
| 9 | BC | Mt yr ⁻¹ | Only anthropogenic emissions |
| 10 | OC | Mt yr ⁻¹ | Only anthropogenic emissions |
| 11 | NH ₃ | Mt yr ⁻¹ | Only anthropogenic emissions |
| 12 | CF ₄ | kt yr ⁻¹ | Natural emissions should be included |
| 13 | C ₂ F ₆ | kt yr ⁻¹ | |
| 14 | C ₆ F ₁₄ | kt yr ⁻¹ | |
| 15 | HFC23 | kt yr ⁻¹ | |
| 16 | HFC32 | kt yr ⁻¹ | |
| 17 | HFC43-10 | kt yr ⁻¹ | |
| 18 | HFC125 | kt yr ⁻¹ | |
| 19 | HFC134a | kt yr ⁻¹ | |
| 20 | HFC143a | kt yr ⁻¹ | |
| 21 | HFC227ea | kt yr ⁻¹ | |
| 22 | HFC245fa | kt yr ⁻¹ | |
| 23 | SF ₆ | kt yr ⁻¹ | |
| 24 | CFC11 | kt yr ⁻¹ | |
| 25 | CFC12 | kt yr ⁻¹ | |
| 26 | CFC113 | kt yr ⁻¹ | |
| 27 | CFC114 | kt yr ⁻¹ | |
| 28 | CFC115 | kt yr ⁻¹ | |
| 29 | CCl ₄ | kt yr ⁻¹ | |
| 30 | Methyl chloroform | kt yr ⁻¹ | |
| 31 | HCFC22 | kt yr ⁻¹ | |
| 32 | HCFC141b | kt yr ⁻¹ | |
| 33 | HCFC142b | kt yr ⁻¹ | |
| 34 | Halon 1211 | kt yr ⁻¹ | |
| 35 | Halon 1202 | kt yr ⁻¹ | |
| 36 | Halon 1301 | kt yr ⁻¹ | |
| 37 | Halon 2402 | kt yr ⁻¹ | |
| 38 | CH ₃ Br | kt yr ⁻¹ | Natural emissions should be included |
| 39 | CH ₃ Cl | kt yr ⁻¹ | Natural emissions should be included |