



Environmental
Protection Authority
Te Mana Rauhi Taiao

CLIMATE CHANGE RESPONSE ACT 2002

2017 Synthetic Greenhouse Gas Levy Report

for the period 1 July 2017 to 30 June 2018, under section 250 of the Climate Change Response Act 2002



Introduction

The Environmental Protection Authority (EPA) publishes the following information in accordance with section 250 of the Climate Change Response Act 2002 (the Act).

All reported information:

- Is current at 30 June 2018 and relates to activities that were reported during the 2017/18 financial year (1 July 2017 to 30 June 2018).
- Relates to leviable goods imported and leviable motor vehicles registered, and is based on current requirements of the Act.

From 1 July 2013, importers of hydrofluorocarbons (HFC) and perfluorocarbons (PFC) in goods and motor vehicles have paid a carbon price through a levy. The levy on motor vehicles recognises the synthetic greenhouse gas used in vehicle air-conditioning systems. The levy is applied when a motor vehicle is first registered for on-road use in New Zealand and is administered by the New Zealand Transport Agency (NZTA). The levy on other goods that contain HFC and PFC recognises the synthetic greenhouse gases used in other cooling and heating systems (for example, refrigerators and air-conditioners). This levy is applied at the time of import and is administered by the New Zealand Customs Service (Customs).

Levy collection

Over the period 1 July 2017 to 30 June 2018, **\$8,897,230** was collected from the synthetic greenhouse gas levy on goods and vehicles with 0 instances of non-payment of the levy.

Motor vehicles

- 328,404 motor vehicles subject to the levy were registered.
- 200,854 kg of synthetic greenhouse gases were contained in motor vehicles subject to the levy.

Synthetic Greenhouse Gases

In relation to goods containing synthetic greenhouse gases:

- 2094 consignments of goods containing synthetic greenhouse gases subject to the levy were imported.
- 53,336 items imported contained HFC-134a.
- 4,269 items imported contained R404A.
- 96,289 items imported contained R410A.
- 231,334 kg of synthetic greenhouse gases contained in imported leviable goods were imported.

The EPA would like to acknowledge the help of the Ministry for the Environment, the New Zealand Transport Agency and the New Zealand Customs Service in compiling this report.

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Table 1: Number of people who registered a motor vehicle

This table shows the total number of people who registered a vehicle under each class of leviable motor vehicle. The levy is applied when a motor vehicle is first registered for on-road use in New Zealand and is administered by the New Zealand Transport Agency (NZTA).

Released under section 250(1)(a)

Class of leviable motor vehicle	Number of people who registered a vehicle
Small passenger motor vehicles (MA, MB, MC)	197,267
Medium passenger vehicles (MD)	1,068
Large passenger vehicles (ME)	247
Small goods vehicles (NA)	41,370
Large goods vehicles (NB, NC)	5,969

Table 2: Number of leviable motor vehicles registered

This table shows the total number of leviable motor vehicles registered for each specified synthetic greenhouse gas used in the air-conditioning system of a leviable motor vehicle.

Released under section 250(1)(b)

Synthetic greenhouse gas	Number of leviable motor vehicles registered
HFC-134a	328,404

Table 3: Number of leviabale motor vehicles registered

This table shows the total number of motor vehicles registered for each class of leviabale motor vehicle.

Released under section 250(1)(e)

Synthetic greenhouse gas	Number of leviabale motor vehicles registered
Small passenger motor vehicles (MA, MB, MC)	263,999
Medium passenger vehicles (MD)	1,503
Large passenger vehicles (ME)	572
Small goods vehicles (NA)	54,494
Large goods vehicles (NB, NC)	7,836
Total number of leviabale motor vehicles	328,404

Table 4: Quantity of synthetic greenhouse gas treated as contained in the air-conditioning systems of leviabale motor vehicles

This table shows the total quantity of synthetic greenhouse gas treated as contained in the air-conditioning systems of leviabale motor vehicles for each class registered.

Released under section 250(1)(g)

Class of leviabale motor vehicle	Quantity of synthetic greenhouse gas (kg)
Small passenger motor vehicles (MA, MB, MC)	158,399
Medium passenger vehicles (MD)	1,202
Large passenger vehicles (ME)	2,288
Small goods vehicles (NA)	32,696
Large goods vehicles (NB, NC)	6,269
Total	200,854

Table 5: Number of people who imported leviable goods¹

This table shows the number of people who imported leviable goods of that class for each class.

Released under section 250(1)(c)

Class of leviable good	Number of people who imported leviable goods
1) Air-conditioning units (household and small commercial window- or wall-mounted heat pumps)	22
2) Air-conditioning units for installing in vehicles (not including those already installed in vehicles)	1
3) Air-conditioning units (household and small commercial heat pumps)	13
4) Air-conditioning units (large commercial and industrial reversible heat pumps)	6
5) Air-conditioning units (household and small commercial heat pumps, not covered under headings 1 to 4)	12
6) Air-conditioning units (large commercial and industrial heat pumps not covered under headings 1 to 5)	4
7) Air-conditioning unit parts (for all types of household, commercial, and industrial heat pumps)	10
8) Combined refrigerator–freezers	11
9) Refrigerators (household)	15
10) Chest freezers	15
11) Upright freezers	17
12) Refrigerating units (such as commercial display cooling and freezing equipment)	71
13) Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7)	16
14) Refrigerating units (water coolers, ice- or ice-cream makers, refrigerated transport units, and other commercial cooling and freezing equipment not expressly covered in classes covered under headings 1 to 13)	82
15) Parts for refrigerating or freezing units (charged with refrigerant for all types of household and commercial equipment) and some heat pumps	3
16) Refrigerated beverage-vending machines	6
17) Dehumidifiers	3
18) Refrigerated containers, vehicles, trailers, tankers, and vessels	10

¹ Tables 5, 7 and 8 refer to the classes numbered 1–18 and are in the order they appear in the Climate Change (Synthetic Greenhouse Gas Levies) Regulations 2013.

Table 6: Total quantity of goods imported for each specified synthetic greenhouse gas treated as contained in a class of leviable goods

This table shows the total quantity of goods of that class imported for each specified synthetic greenhouse gas treated as contained in a class of leviable goods.

Released under section 250(1)(d)

Specified SGG contained in a class of leviable goods	Quantity of goods imported
HFC-134a	53,336
R32	34,447
R404A	4,269
R410A	96,289
Total quantity of goods imported	188,341

Table 7: Number of consignments imported in each class of leviable goods

This table shows the number of consignments imported for each class of leviable goods².

Released under section 250(1)(f)

Class of leviable goods	Number of consignments imported
1) Air-conditioning units (household and small commercial window- or wall-mounted heat pumps)	315
2) Air-conditioning units for installing in vehicles (not including those already installed in vehicles)	2
3) Air-conditioning units (household and small commercial heat pumps)	86
4) Air-conditioning units (large commercial and industrial reversible heat pumps)	29
5) Air-conditioning units (household and small commercial heat pumps, not covered under headings 1 to 4)	25
6) Air-conditioning units (large commercial and industrial heat pumps not covered under headings 1 to 5)	5
7) Air-conditioning unit parts (for all types of household, commercial, and industrial heat pumps)	476
8) Combined refrigerator–freezers	131
9) Refrigerators (household)	81
10) Chest freezers	76
11) Upright freezers	83
12) Refrigerating units (such as commercial display cooling and freezing equipment)	351
13) Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7)	51
14) Refrigerating units (water coolers, ice- or ice-cream makers, refrigerated transport units, and other commercial cooling and freezing equipment not expressly covered in classes covered under headings 1 to 13)	299
15) Parts for refrigerating or freezing units (charged with refrigerant for all types of household and commercial equipment) and some heat pumps	7
16) Refrigerated beverage-vending machines	13
17) Dehumidifiers	7
18) Refrigerated containers, vehicles, trailers, tankers, and vessels	57
Total number of consignments imported	2,094¹

¹Where a single consignment contains more than one class of leviable good, we have counted this more than once in this total.

Table 8: Quantity of synthetic greenhouse gas treated as contained in leviable goods

This table shows the total quantity of synthetic greenhouse gas treated as contained in leviable goods of each class imported. These figures capture all goods for which a levy was paid and instances where leviable goods were not required to pay a levy as they contained zero synthetic greenhouse gases.

Released under section 250(1)(h)

Class of leviable goods	Quantity of synthetic greenhouse gas (kg)
1) Air-conditioning units (household and small commercial window- or wall-mounted heat pumps)	80,532
2) Air-conditioning units for installing in vehicles (not including those already installed in vehicles)	3
3) Air-conditioning units (household and small commercial heat pumps)	23,782
4) Air-conditioning units (large commercial and industrial reversible heat pumps)	658
5) Air-conditioning units (household and small commercial heat pumps, not covered under headings 1 to 4)	1,726
6) Air-conditioning units (large commercial and industrial heat pumps not covered under headings 1 to 5)	368
7) Air-conditioning unit parts (for all types of household, commercial, and industrial heat pumps)	109,316
8) Combined refrigerator–freezers	1,753
9) Refrigerators (household)	481
10) Chest freezers	791
11) Upright freezers	318
12) Refrigerating units (such as commercial display cooling and freezing equipment)	3,447
13) Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7)	2,105
14) Refrigerating units (water coolers, ice- or ice-cream makers, refrigerated transport units, and other commercial cooling and freezing equipment not expressly covered in classes covered under headings 1 to 13)	5,697
15) Parts for refrigerating or freezing units (charged with refrigerant for all types of household and commercial equipment) and some heat pumps	34
16) Refrigerated beverage-vending machines	11
17) Dehumidifiers	213
18) Refrigerated containers, vehicles, trailers, tankers, and vessels	99
Total number of kilograms imported	231,334

Table 9: Total amount of money collected from the levy

This table shows the total amount of money collected from the levy.

Released under section 250(1)(i)

Total amount of levy money collected
\$8,897,230

The information in this table is correct as of 30 June 2018 and covers the total amount of levy money collected between 1 July 2017 and 30 June 2018.

Table 10: Number of people who failed to comply with their obligation to pay a levy

This table shows the total number of people who failed to comply with their obligation to pay a levy.

Released under section 250(1)(j)

Number of people who failed to comply with their obligation to pay a levy
0