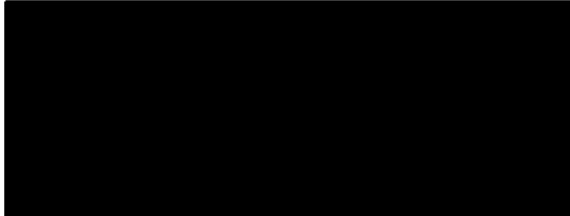




**National Headquarters**  
Level 12  
80 The Terrace  
PO Box 2133  
Wellington  
New Zealand

Phone +64 4 496 3600

13 February 2019



### **Information Request – Fireworks-related data**

I refer to your official information request dated 7 January 2019 regarding Fireworks-related data.

The Department of Internal Affairs transferred the following questions to Fire and Emergency for our response:

*Under the Official Information Act, please provide the following information from 1996 onwards, by calendar year:*

1. *any reports or recommendations, any analyses, any reports, recommendations, or data received, or any information collation, on fireworks-related data? This includes:*
  - a *the number of calls to, and attendance by, Fire and Emergency New Zealand and its predecessors.*
  - b *the number of hectares burnt, and associated estimated economic value, as a result, or suspected result, of fireworks.*

In accordance with the provisions of the Official Information Act 1982, I *enclose* data showing all fireworks incidents attended to by the Fire and Emergency New Zealand personnel from 1996 onwards broken down by:

1. Fires which were recorded with a cause as 'reckless with fireworks'
2. Fires which were recorded with a heat source as 'fireworks'
3. Comments which had keyword 'fireworks' in them
4. Flame travel which was recorded with keyword 'fireworks'.

On page 2 the area damaged by fireworks related fires has 2 tables:

1. Table 1: relates to data from 1 October 2017 onwards when new groups for land use was introduced in the incidents database
2. Table 2: relates to data prior to 1 October 2017 which reported land use groups based on the historical system. The information is only available from 1 July 1999 onwards.

Your request for the estimated economic value of hectares burnt as a result , or suspected result of fireworks is declined as the information is not held by Fire and Emergency.

Fire and Emergency New Zealand was established on 1 July, 2017, bringing together nearly 40 different volunteer, urban and rural firefighting services. Data prior to that date was that of the New Zealand Fire Service.

Please note that industrial action undertaken by New Zealand Professional Firefighters Union during late July 2009 to December 2009 and August 2011 to end March 2012 may have limited the information gathered, and now held by, Fire and Emergency New Zealand that is relevant to your request. It may consequently not be possible to draw meaningful comparisons between the information relating to the period(s) of industrial action and other periods for which a fuller range of information may be held.

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at [www.ombudsman.parliament.nz](http://www.ombudsman.parliament.nz) or freephone 0800 802 602. Note also that this response (with your personal details removed) may be published on the Fire and Emergency website.

Yours sincerely

A handwritten signature in blue ink, appearing to be 'Bella Sutherland', is written over the typed name and title. The signature is stylized and somewhat abstract.

Bella Sutherland  
Director, Office of the Chief Executive

encl

	Incident Count			Cause: Reckless with Fireworks	Heat Source: Fireworks	Object Ignited: Fireworks	Flame Travel: Fireworks
	Other Fire	Structure Fire	Vegetation Fire				
2018	16	9	121	12	143	0	0
2017	24	18	173	42	199	2	0
2016	25	18	179	127	192	10	0
2015	27	30	268	183	281	8	1
2014	16	36	216	152	238	12	1
2013	33	19	206	145	206	9	2
2012	30	36	281	196	306	11	0
2011	14	11	114	78	116	5	1
2010	42	31	268	203	295	7	0
2009	10	16	103	70	110	6	0
2008	34	39	225	156	256	8	1
2007	52	38	230	192	265	13	1
2006	130	59	464	414	489	24	0
2005	111	56	462	374	503	27	1
2004	54	45	261	216	290	13	1
2003	46	27	208	149	232	11	1
2002	37	27	127	105	149	3	0
2001	33	25	103	93	125	4	0
2000	42	30	161	144	177	20	0
1999	34	26	57	67	99	24	0
1998	57	38	98	128	146	40	2
1997	65	40	245	252	312	57	1
1996	80	26	168	211	251	35	0

Between 01 July 1999 and 31 December 2018

**Area damaged by firework related fires from 1 October 2017 onwards**

Year	Dairy Area	Arable Area	Meat/Wool Area	Forestry Area	Horticulture Area	Conservation Area	Others Area	Total Area of Damage
2018	0.70	0.00	0.03	0.03	0.03	1.07	5.74	7.60
2017	0.12	0.00	0.00	3.73	0.01	1.65	0.49	5.99

**Area damaged by firework related fires between 1 July 1999 to 30 September 2017**

Year	Area of Gorse	Area of Grassland	Area of Indigenous Forest	Area of Plantation Forest	Area of Scrub	Area of Tussock	Area of Wetland	Total Area of Damage
2017	0.00	0.89	0.01	0.00	0.77	0.18	0.00	1.84
2016	1.02	32.53	0.06	0.01	35.59	3.13	0.01	72.34
2015	0.03	0.47	0.02	2.00	23.13	43.31	0.00	68.97
2014	0.03	1.00	0.00	0.02	2.93	0.19	0.00	4.17
2013	0.01	1.99	0.01	0.00	10.71	0.27	0.01	12.99
2012	1.09	12.73	0.00	0.00	2.71	0.08	0.00	16.62
2011	0.02	1.93	0.02	0.00	3.14	0.96	0.02	6.09
2010	1.34	0.63	0.22	0.30	0.52	0.23	0.00	3.23
2009	5.05	0.52	0.00	0.00	6.42	0.02	0.05	12.06
2008	0.02	1.64	0.00	0.00	3.02	0.02	0.00	4.70
2007	2.57	1.31	1.03	0.10	2.84	0.00	0.00	7.86
2006	6.53	1.23	0.52	15.25	36.09	4.12	0.01	63.75
2005	0.64	2.42	0.02	0.17	53.43	0.06	0.17	56.91
2004	0.23	1.66	0.01	0.06	2.51	0.01	0.23	4.71
2003	0.05	4.25	0.00	0.04	2.65	0.00	0.00	6.99
2002	1.03	0.54	0.01	0.00	7.33	0.00	0.00	8.91
2001	0.20	0.12	0.25	0.00	12.34	0.05	1.50	14.47
2000	0.51	0.08	0.00	0.00	5.15	0.00	0.00	5.75
1999	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.04