

Greyhound Racing New South Wales

GRNSW Quarterly Greyhound Racing Injury Report

1 October 2016 to 31 December 2016

Overview

This report is published by Greyhound Racing New South Wales (GRNSW) and details greyhound injuries and fatalities that occur at race meetings in NSW, as well as related euthanasia of greyhounds. The primary purpose of this report is to keep GRNSW stakeholders including greyhound racing industry participants, business partners and the community informed of greyhound racing injury, fatality and related euthanasia in the interests of transparency.

This is a quarterly report covering the period 1 October 2016 to 31 December 2016.

This report has been prepared using the information on greyhound racing injury, fatality and related euthanasia recorded by on track veterinarians and stewards and maintained in the OzChase system by GRNSW.

Injury severity classification

All greyhounds with an on-track veterinary reported injury have been included in this report. As the injuries range from very mild and requiring no incapacitation period (stand-down period) to catastrophic injuries leading to death or euthanasia the following rating guide has been used to estimate injury severity.

Table 1: Greyhound injury rating guide indicating expected stand down periods and examples of related injury types.

Rating	Incapacitation period	Typical injury types
Minor Class I	0 days	Mild skin abrasions/grazes
Minor Class II	1- 10 days	Grade 1 muscle injury Mild skin laceration
Medium	11- 21 days	Joint /ligament sprain Skin laceration Grade 2 muscle injury
Major	Greater than 21 days	Grade 3 muscle injury Bone fractures
Catastrophic	Deceased or euthanased immediately	Severe skull or spinal trauma Complex /open/joint fractures

Part 1. Reported greyhound racing injuries

Between 1 October 2016 and 31 December 2016 (inclusive) 291 race meetings were conducted across NSW at TAB and Non-TAB racing venues. During these race meetings a total of 5406 individual greyhounds raced in a total of 23,486 race starts. There were an average number of 4.3 starts per greyhound throughout the reporting period.

There were a total of 564 incidents where a greyhound with at least one injury was identified by an on track veterinarian after participation in a race in NSW during this period. These injury incidents affected a total of 531 individual greyhounds.

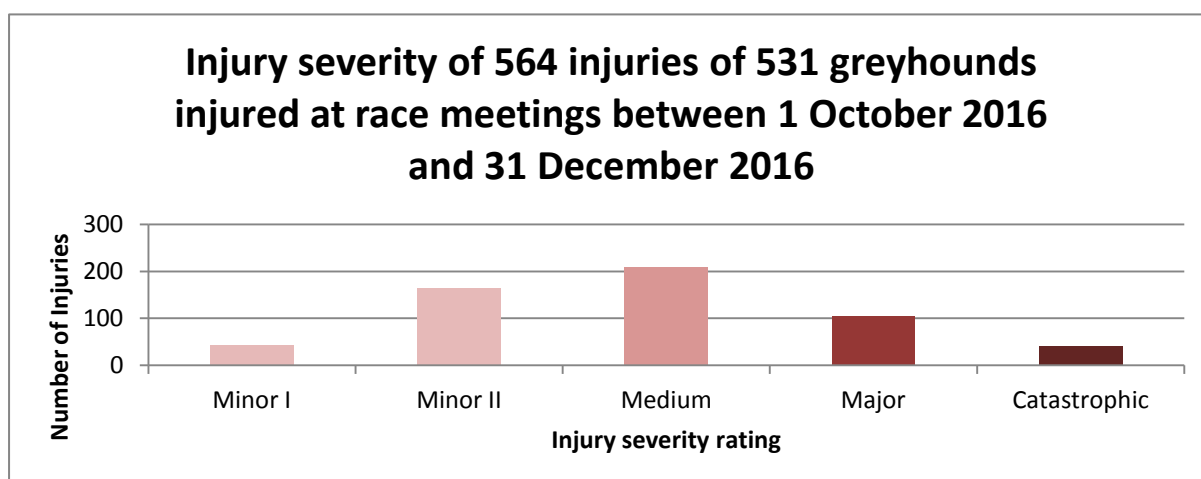
The total number of reported greyhound racing injury incidents during the period represents an injury rate of 24.0 injury incidents per 1000 race starts and 9.8% of the total number of individual greyhounds to have raced incurred at least one injury. The severity of these injuries is indicated in the following table.

Table 2: Number of injury incidents, injury rates and severity in NSW race meetings between 1 October 2016 and 31 December 2016

Rating	Incapacitation period	Total numbers of injury incidents	Injury rate (injury incidents/1000 starts)	Injury rate * (injury incidents/100 greyhounds)
Minor - I	0 days	43	1.8	0.8
- II	1 to 10 days	165	7.0	3.1
Medium	11- 21 days	210	8.9	3.9
Major	Greater than 21 days	105	4.5	1.9
Catastrophic	Deceased or euthanased immediately	41	1.8	0.8

*The percentage of individual greyhounds racing in the reporting period that suffered an injury in each of the injury severity rating categories. Note that some greyhounds were injured more than once in the period resulting in a summation of this column exceeding the 9.8% statistic which reflects the percentage of individual greyhounds to incur at least one injury.

Image 1: Graph describing the severity of the 564 injury incidents at race meetings between 1 October 2016 and 31 December 2016.

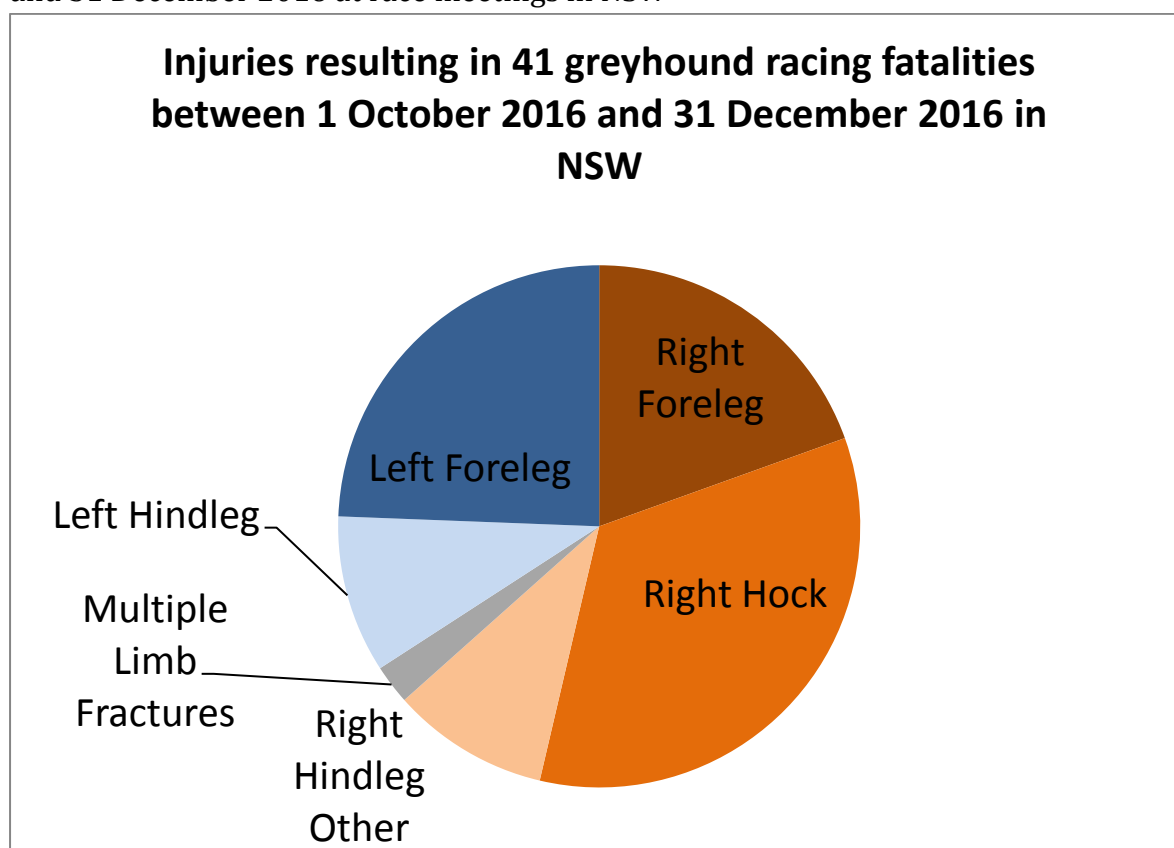


Part 2. Reported greyhound racing fatalities

GRNSW defines racing fatalities as all injuries and incidents occurring during or subsequent to a race resulting in death at the race meeting or requiring euthanasia at the race meeting.¹

There were a total of 41 reported greyhound racing fatalities between 1 October 2016 and 31 December 2016. 39 greyhounds were euthanased as a result of their injuries and two died as a result of their injuries. The total number of reported greyhound racing fatalities during the period represents a fatality rate of 1.8 deaths per 1000 race starts.

Image 2: Injuries resulting in 41 greyhound racing fatalities between 1 October 2016 and 31 December 2016 at race meetings in NSW



Of the 501 greyhounds reported to have incurred a non-fatal injury in the previous Greyhound Racing Injury Report (2016 Third Quarter Racing Injury Report – 1 July 2016 to 30 September 2016), 29 were reported as deceased by 1 February 2016.

¹ This statistic does not include euthanasia that occurs subsequent to race meetings at private veterinary hospitals after further diagnostic or treatment advice is sought. While these greyhounds will be included in the injury statistics in Part 1 of this report, they are not recorded as a fatality in Part 2. Part 2 of this report does comment on the number of greyhounds suffering non-fatal injuries in the previous quarter to have been reported as euthanased or deceased as of 1 February 2017.

Part 3. Racing injury and fatality trend report

Combined 2016 injury results

Between 1 January 2016 and 31 December 2016 there were a total of 2287 injury incidents in 90,448 starts corresponding to an overall rate of 25.3 injury incidents per 1000 starts. The severity ratings of these injuries are presented in Table 3.

Table 3: Number of injury incidents, injury rates and severity in NSW race meetings between 1 January 2016 and 31 December 2016

Rating	Incapacitation period	Total numbers of injury incidents	Injury rate (injury incidents/1000 starts)
Minor - I	0 days	300	3.3
	- II	1 to 10 days	745
Medium	11- 21 days	722	8.0
Major	Greater than 21 days	381	4.2
Catastrophic	Deceased or euthanased immediately	139	1.5

Comparison of four quarters

A comparison between the injury rate in the current quarter and preceding three quarters is included in Table 4 below.

Table 4: Injury rates and severity in NSW race meetings comparing 1 October 2016 to 30 December 2016 to the previous three quarters.

Rating	Incapacitation period	Injury rate Jan16 - Mar 16 (injury incidents/1000 starts)	Injury rate Apr16 - Jun 16 (injury incidents/1000 starts)	Injury rate Jul16 - Sep 16 (injury incidents/1000 starts)	Injury rate Oct16 - Dec 16 (injury incidents/1000 starts)
Minor - I	0 days	4.3	2.1	5.4	1.8
	- II	1 to 10 days	8.5	8.9	8.5
Medium	11- 21 days	8.5	7.5	7.0	8.9
Major	Greater than 21 days	4.2	4.1	4.1	4.5
Catastrophic	Deceased or euthanased immediately	1.6	1.6	1.2	1.8
TOTAL		27.1	24.2	26.1	24.0

Part 4. Major and catastrophic injuries by track

Image 3 below outlines the combined rates of Major (incapacitation period greater than 21 days) and Catastrophic (incident resulting in death or euthanasia at the meeting) for greyhound racing venues in NSW for the period between 1 January 2016 and 31 December 2016. Image 4 outlines this data for the fourth quarter only to demonstrate any recent changes at each venue.

Image 3: Major and Catastrophic injury incidents per 1000 starts at NSW race venues between 1 January 2016 and 31 December 2016.

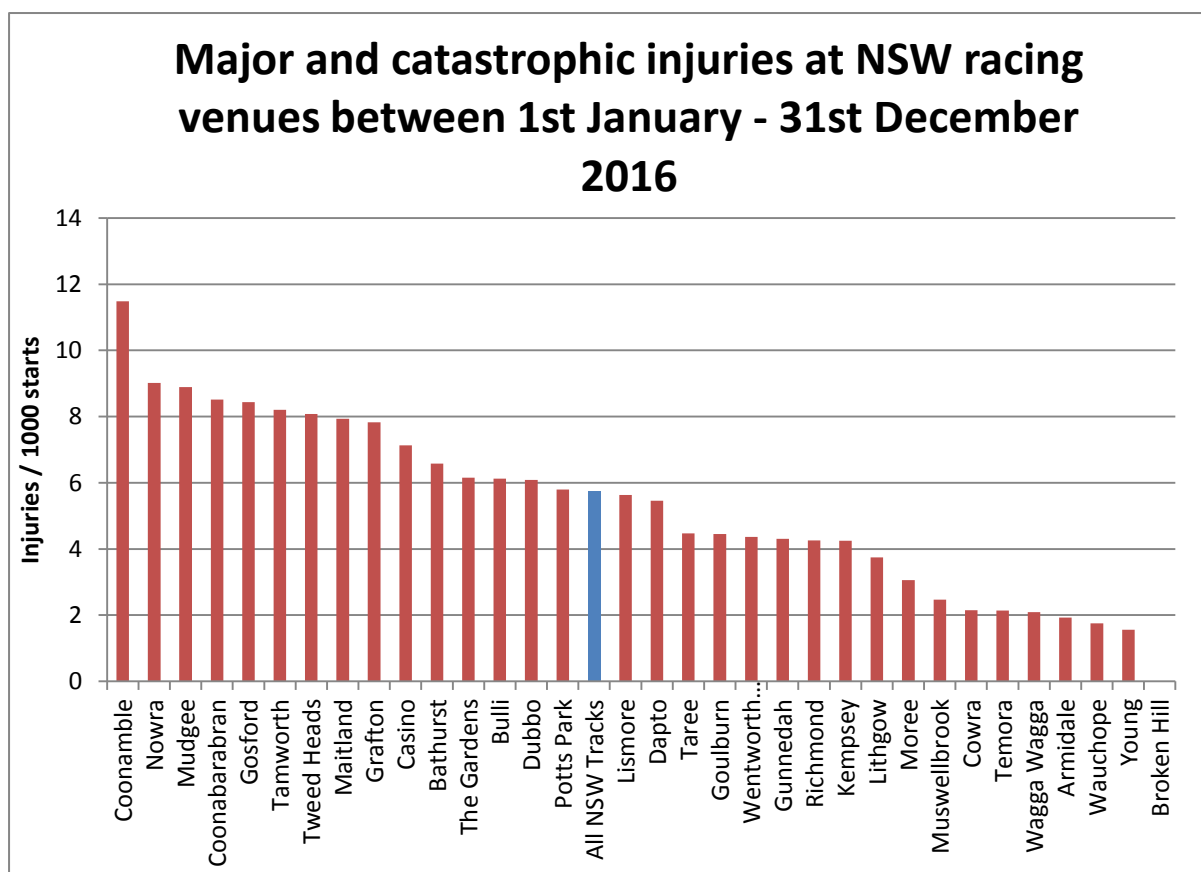


Image 4: Major and catastrophic injury incidents per 1000 starts at NSW race venues between 1 October 2016 and 31 December 2016.

