Macropod quotas and harvest for commercial harvest areas in NSW, QLD, SA, VIC and WA - 2024

Figures collated by the Australian Government Department of Climate Change, Energy, the Environment and Water

	Population in surveyed areas (2023) [1]	Sustainable quota [2]	Special quota [3]	Sustainable quota as a percentage of population [4]	Total harvest [5]	Harvest as percentage of sustainable quota (%)	Total harvest male (%)	Total harvest female (%)
New South Wales								
Red kangaroo	2,915,853	489,006	43,738	16.8%	189,553	38.8%	91.5	8.5
Eastern grey kangaroo	5,883,251	870,072	88,248	14.8%	301,597	34.7%	83.9	16.1
Western grey kangaroo	470,180	70,152	7,053	14.9%	29,325	41.8%	89.9	10.1
Wallaroo	365,616	54,842	5,484	15.0%	11,940	21.8%	99.9	0.1
TOTAL	**9,634,900**	**1,484,072**	**144,523**	**15.4%**	**532,415**	**35.9%**		
Queensland [6]								
Red kangaroo	6,371,750	1,151,300	0	18.1%	251,066	21.8%	90.1	9.9
Eastern grey kangaroo	9,592,950	1,117,100	0	11.6%	209,284	18.7%	87.1	12.9
Wallaroo	1,763,000	218,000	0	12.4%	56,497	25.9%	99.5	0.5
TOTAL	**17,727,700**	**2,486,400**	**0**	**14.0%**	**516,847**	**20.8%**		
South Australia								
Red kangaroo	2,019,168	343,200	0	17.0%	63,664	18.6%	79.4	20.6
Western grey kangaroo	954,571	138,200	0	14.5%	29,158	21.1%	68.6	31.4
Euro	430,872	58,200	0	13.5%	5,147	8.8%	97.9	2.1
Eastern Grey Kangaroo	121,539	18,200	0	15.0%	7,516	41.3%	59.9	40.1
Tammar Wallaby	384,671	19,200	0	5.0%	0	0.0%	0.0	0.0
TOTAL	**3,910,821**	**577,000**	**0**	**14.8%**	**105,485**	**18.3%**		
Victoria								
Grey kangaroo [7]	2,230,500	111,575	0	5.0%	81,160	72.7%	66.3	33.7
TOTAL	**2,230,500**	**111,575**	**0**	**5.0%**	**81,160**	**72.7%**		
Western Australia								
Red kangaroo	609,155	89,330	0	14.7%	14,831	16.6%	82.9	17.1
Western grey kangaroo	1,086,235	161,100	0	14.8%	62,852	39.0%	60.7	39.3
Euro	--	--	--	0.0%	0	0	0	0.0
TOTAL	**1,695,390**	**250,430**	**0**	**14.8%**	**77,683**	**31.0%**		
Total for commercial harvest areas in NSW, QLD, SA, VIC and WA	**35,199,311**	**4,909,477**	**144,523**	**13.9%**	**1,313,590**	**26.8%**		

[1] Population estimates are from state quota reports. Reports including population estimates for the current year and quotas for the following year are submitted to the department annually. Population estimates are based on aerial and ground surveys and are for the

[2] Quotas are from state quota reports. These are based on the prior year's population estimates.

[3] Special quotas are taken from state quota reports and allocated by the state management agencies when determined that there is a need. The purpose of the special quota is for the harvest of kangaroos that would otherwise be culled under non-commercial licences. This is to be used where the sustainable quota has been exhausted, and ongoing land management impacts are being experienced.

[4] Special quota figures are not included in these calculations.

[5] Harvest figures are from state annual reports. Reports including harvest data for the previous calendar year are submitted to the department

[6] Queensland population and sustainable quota estimates have been rounded to the nearest 50

[7] For quota purposes, Eastern and Western Grey Kangaroos are treated as 'grey kangaroos'

Macropod quotas and harvest for commercial harvest areas in NSW, QLD, SA, VIC and WA - 2023

Figures collated by the Australian Government Department of Climate Change, Energy, the Environment and Water

	Population in surveyed areas (2022) [1]	Sustainable quota [2]	Special quota [3]	Sustainable quota as a percentage of population [4]	Total harvest [5]	Harvest as percentage of sustainable quota (%)	Total harvest male (%)	Total harvest female (%)
New South Wales								
Red kangaroo	4,229,211	718,967	63,438	17.0%	171,551	23.9%	85.2	14.8
Eastern grey kangaroo	6,567,061	969,112	98,506	14.8%	303,496	31.3%	81.4	18.6
Western grey kangaroo	720,327	107,307	10,805	14.9%	22,439	20.9%	83.2	16.8
Wallaroo	365,616	54,842	5,484	15.0%	12,185	22.2%	99.6	0.4
TOTAL	**11,882,215**	**1,850,228**	**178,233**	15.6%	**509,671**	**27.5%**		
Queensland [6]								
Red kangaroo	6,031,700	1,071,600	0	17.8%	270,801	25.3%	87.8	12.2
Eastern grey kangaroo	8,267,050	909,100	0	11.0%	268,140	29.5%	81.7	18.3
Wallaroo	1,968,450	229,700	0	11.7%	58,809	25.6%	99.6	0.4
TOTAL	**16,267,200**	**2,210,400**	**0**	**13.6%**	**597,750**	**27.0%**		
South Australia								
Red kangaroo	1,626,425	313,800	24,300	19.3%	58,456	18.6%	73.9	26.1
Western grey kangaroo	1,405,091	200,200	21,000	14.2%	28,006	14.0%	62.7	37.3
Euro	375,921	29,300	5,600	7.8%	6,004	20.5%	97.7	2.3
Eastern Grey Kangaroo	92,317	13,800	1,300	14.9%	7,569	54.8%	55.3	44.7
Tammar Wallaby	384,671	19,200	5,700	5.0%	53	0.3%	79.2	20.8
TOTAL	**3,884,425**	**576,300**	**57,900**	**14.8%**	**100,088**	**17.1%**		
Victoria								
Grey kangaroo [7]	2,363,850	166,750	0	7.1%	72,232	43.3%	67.7	32.3
TOTAL	**2,363,850**	**166,750**	**0**	**7.1%**	**72,232**	**43.3%**		
Western Australia								
Red kangaroo	736,630	125,225	0	17.0%	17,210	13.7%	81.5	18.5
Western grey kangaroo	1,419,920	203,240	0	14.3%	64,728	31.8%	61.5	38.5
Euro	--	--	--	0.0%	0	0	0	0
TOTAL	**2,156,550**	**328,465**	**0**	**15.2%**	**81,938**	**24.9%**		
Total for commercial harvest areas in NSW, QLD, SA, VIC and WA	**36,554,240**	**5,132,143**	**236,133**	**14.0%**	**1,361,679**	**26.5%**		

[1] Population estimates are from state quota reports. Reports including population estimates for the current year and quotas for the following year are submitted to the department annually by 30 November. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

[2] Quotas are from state quota reports. These are based on the prior year's population estimates.

[3] Special quotas are from state quota reports. The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

[4] Special quota figures are not included in these calculations.

[5] Harvest figures are from state annual reports. Reports including harvest data for the previous calendar year are submitted to the department

[6] Queensland population and sustainable quota estimates have been rounded to the nearest 50

[7] For quota purposes, Eastern and Western Grey Kangaroos are treated as 'grey kangaroos'

Macropod quotas and harvest for commercial harvest areas in NSW, QLD, SA, VIC and WA - 2022

Figures collated by the Australian Government Department of Climate Change, Energy, the Environment and Water

	Population in surveyed areas (2021) [1]	Sustainable quota [2]	Special quota [3]	Sustainable quota as a percentage of population [4]	Total harvest [5]	Harvest as percentage of sustainable quota (%)	Total harvest male (%)	Total harvest female (%)
New South Wales								
Red kangaroo	3,646,662	619,932	54,699	17.0%	134,250	21.7%	78.7	21.3
Eastern grey kangaroo	6,330,698	933,037	94,921	14.7%	239,373	25.7%	74.5	25.5
Western grey kangaroo	639,428	94,754	9,544	14.8%	21,056	22.2%	73.4	26.6
Wallaroo	296,555	44,484	4,448	15.0%	8,040	18.1%	98.9	1.1
TOTAL	**10,913,343**	**1,692,207**	**163,612**	**15.5%**	**402,719**	**23.8%**		
Queensland [6]								
Red kangaroo	4,595,150	837,150	0	18.2%	275,632	32.9%	76.6	23.4
Eastern grey kangaroo	6,625,550	734,750	0	11.1%	263,045	35.8%	70.2	29.8
Wallaroo	1,738,700	211,950	0	12.2%	73,556	34.7%	99.6	0.4
TOTAL	**12,959,400**	**1,783,850**	**0**	**13.8%**	**612,233**	**34.3%**		
South Australia								
Red kangaroo	1,387,013	236,200	20,800	17.0%	49,371	20.9%	64.4	35.6
Western grey kangaroo	1,011,909	143,900	15,100	14.2%	37,064	25.8%	54.7	45.3
Euro	302,821	23,300	4,500	7.7%	7,682	33.0%	96.8	3.2
Eastern Grey Kangaroo	92,317	6,900	1,300	7.5%	6,644	96.3%	55.7	44.3
Tammar Wallaby	42,221	2,900	600	6.9%	135	4.7%	54.8	45.2
TOTAL	**2,836,281**	**413,200**	**42,300**	**14.6%**	**100,896**	**24.4%**		
Victoria								
Grey kangaroo [7]	1,858,150	118,980	0	6.4%	68,346	57.4%	65	35
TOTAL	**1,858,150**	**118,980**	**0**	**6.4%**	**68,346**	**57.4%**		
Western Australia								
Red kangaroo	1,219,645	207,340	0	17.0%	19,660	9.5%	76.5	23.5
Western grey kangaroo	1,179,545	168,070	0	14.2%	62,554	37.2%	64.4	35.6
TOTAL	**2,399,190**	**375,410**	**0**	**15.6%**	**82,214**	**21.9%**		
Total for commercial harvest areas in NSW, QLD, SA, VIC and WA	**30,966,364**	**4,383,647**	**205,912**	**14.2%**	**1,266,408**	**29.0%**		

[1] Population estimates are from state quota reports. Reports including population estimates for the current year and quotas for the following year are submitted to the department annually by 30 November. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

[2] Quotas are from state quota reports. These are based on the prior year's population estimates.

[3] Special quotas are from state quota reports. The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

[4] Special quota figures are not included in these calculations.

[5] Harvest figures are from state annual reports. Reports including harvest data for the previous calendar year are submitted to the department

[6] Queensland population and sustainable quota estimates have been rounded to the nearest 50

[7] For quota purposes, Eastern and Western Grey Kangaroos are treated as 'grey kangaroos'

Macropod quotas and harvest for commercial harvest areas in NSW, QLD, SA, VIC and WA - 2021

Figures collated by the Australian Government Department of Agriculture, Water and the Environment

	Population in surveyed areas (2020) [1]	Sustainable quota [2]	Special quota [3]	Sustainable quota as a percentage of population [4]	Total harvest [5]	Harvest as percentage of sustainable quota (%)	Total harvest male (%)	Total harvest female (%)
New South Wales								
Red kangaroo	2,924,368	474,852	43,866	16.2%	142,108	29.9%	70.5	29.5
Eastern grey kangaroo	6,611,322	988,660	99,170	15.0%	321,550	32.5%	70.3	29.7
Western grey kangaroo	620,281	90,765	9,304	14.6%	25,752	28.4%	68.5	31.5
Wallaroo	296,555	44,484	4,448	15.0%	7,875	17.7%	97.7	2.3
TOTAL	**10,452,526**	**1,598,761**	**156,788**	**15.3%**	**497,285**	**31.3%**		
Queensland [6]								
Red kangaroo	4,135,700	673,050	0	16.3%	263,243	39.1%	73.7	26.3
Eastern grey kangaroo	10,043,400	1,087,450	0	10.8%	315,451	29.0%	69.9	30.1
Wallaroo	2,484,750	220,650	0	8.9%	22,470	10.2%	99.9	0.1
TOTAL	**16,663,850**	**1,981,150**	0	**11.9%**	**601,164**	**30.3%**		
South Australia								
Red kangaroo	1,178,888	196,500	17,600	16.7%	42,112	20.0%	53.0	47.0
Western grey kangaroo	1,054,937	149,300	15,800	14.2%	42,491	26.0%	55.0	45.0
Euro	517,108	53,100	7,700	10.3%	7,881	13.0%	96.0	4.0
Eastern Grey Kangaroo	34,883	5,200	500	14.9%	5,589	98.0%	56.0	44.0
Tammar Wallaby	42,221	2,900	600	6.9%	0	0.0%	0.0	0.0
TOTAL	**2,828,037**	**407,000**	**42,200**	**14.4%**	**98,073**	**22.0%**		
Victoria								
Grey kangaroo [7]	1,911,626	95,680	0	5.0%	62,234	65.0%	65.0	35.0
TOTAL	**1,911,626**	**95,680**	**0**	**5.0%**	**62,234**	**65.0%**		
Western Australia								
Red kangaroo	1,003,890	170,670	0	17.0%	22,814	13.4%	71.8	28.2
Western grey kangaroo	1,408,160	211,210	0	15.0%	62,799	29.7%	66.2	33.8
Euro	--	--	--	0.0%	--	--	--	--
TOTAL	**2,412,050**	**381,880**	**0**	**15.8%**	**85,613**	**22.4%**		
Total for commercial harvest areas in NSW, QLD, SA, VIC and WA	**34,268,089**	**4,464,471**	**198,988**	**13.0%**	**1,344,369**	**30.1%**		

[1] Population estimates are from state quota reports. Reports including population estimates for the current year and quotas for the following year are submitted to the Department of Agriculture, Water and the Environment annually by 30 November. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

[2] Quotas are from state quota reports. These are based on the prior year's population estimates.

[3] Special quotas are from state quota reports. The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

[4] Special quota figures are not included in these calculations.

[5] Harvest figures are from state annual reports. Reports including harvest data for the previous calendar year are submitted to the Department of Agriculture, Water and the Environment

[6] Queensland population and sustainable quota estimates have been rounded to the nearest 50

[7] For quota purposes, Eastern and Western Grey Kangaroos are treated as 'grey kangaroos'

Macropod quotas and harvest for commercial harvest areas in NSW, QLD, SA and WA - 2020

Figures collated by the Australian Government Department of Agriculture, Water and the Environment

	Population in surveyed areas (2019) [1]	Sustainable quota [2]	Special quota [3]	Sustainable quota as a percentage of population [4]	Total harvest [5]	Harvest as percentage of sustainable quota (%)	Total harvest male (%)	Total harvest female (%)
New South Wales								
Red kangaroo	3,540,644	564,137	53,110	15.9%	115,053	20.4%	64.1	35.9
Eastern grey kangaroo	9,437,361	1,408,964	141,560	14.9%	329,235	23.4%	68.8	31.2
Western grey kangaroo	883,845	129,030	13,258	14.6%	18,907	14.7%	69.3	30.7
Wallaroo	160,300	44,484	2,405	27.8%	5,991	13.5%	96.3	3.7
TOTAL	**14,022,150**	**2,146,615**	**210,333**	**15.3%**	**469,186**	**21.9%**		
Queensland [6]								
Red kangaroo	4,987,200	874,900	--	17.5%	200,779	22.9%	77.9	22.1
Eastern grey kangaroo	14,553,200	1,696,550	--	11.7%	263,409	15.5%	76.1	23.9
Wallaroo	2,746,700	253,700	--	9.2%	49,956	19.7%	99.9	0.1
TOTAL	**22,287,100**	**2,825,150**	--	**12.7%**	**514,144**	**18.2%**		
South Australia								
Red kangaroo	1,552,679	269,800	7,700	17.4%	50,062	18.6%	56.6	43.4
Western grey kangaroo	1,085,193	170,400	6,800	15.7%	36,556	21.5%	58.0	42.0
Euro	570,021	57,500	2,800	10.1%	4,343	7.6%	92.4	7.6
Eastern Grey Kangaroo	61,826	7,400	300	12.0%	8,262	111.6%	54.4	45.6
Tammar Wallaby	87,043	8,700	400	10.0%	0	0.0%	--	--
TOTAL	**3,356,762**	**513,800**	**18,000**	**15.3%**	**99,223**	**19.3%**		
Western Australia								
Red kangaroo	1,278,620	217,360	0	17.0%	30,022	13.8%	75.4	24.6
Western grey kangaroo	1,811,985	271,770	0	15.0%	70,871	26.1%	65.1	34.9
Euro	--	--	--	--	--	--	--	--
TOTAL	**3,090,605**	**489,130**	**0**	**15.8%**	**100,893**	20.6%		
Total for commercial harvest areas in NSW, QLD, SA and WA	**42,756,617**	**5,974,695**	**228,333**	**14.0%**	**1,183,446**	**19.8%**		

[1] Population estimates are from state quota reports. Reports including population estimates for the current year and quotas for the following year are submitted to the Department of Agriculture, Water and

[2] Quotas are from state quota reports. These are based on the prior year's population estimates.

[3] Special quotas are from state quota reports. The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial

[4] Special quota figures are not included in these calculations.

[5] Harvest figures are from state annual reports. Reports including harvest data for the previous calendar year are submitted to the Department of Agriculture, Water and the Environment

[6] Queensland population and sustainable quota estimates have been rounded to the nearest 50

Macropod quotas and harvest for commercial harvest areas in NSW, QLD, SA and WA - 2019

Figures collated by the Australian Government Department of Agriculture, Water and the Environment

	Population in surveyed areas (2018) [1]	Sustainable quota [2]	Special quota [3]	Sustainable quota as a percentage of population [4]	Total harvest [5]	Harvest as percentage of sustainable quota (%)	Total harvest male (%)	Total harvest female (%)
New South Wales								
Red kangaroo	2,931,693	432,198	43,975	14.7%	165,113	38.2%	77.2	22.8
Eastern grey kangaroo	8,863,305	1,324,413	132,950	14.9%	425,591	32.1%	77.3	22.8
Western grey kangaroo	836,496	117,465	12,547	14.0%	18,769	16.0%	76.7	23.3
Wallaroo	200,900	30,135	3,013	15.0%	15,768	52.3%	99.7	0.3
TOTAL	**12,832,394**	**1,904,211**	**192,485**	**14.6%**	**625,241**	32.8%		
Queensland								
Red kangaroo	5,291,450	996,050	0	18.8%	216,437	21.7%	82.9	17.1
Eastern grey kangaroo	12,478,650	1,516,950	0	12.2%	483,385	31.9%	84.3	15.7
Wallaroo	3,301,800	400,950	0	12.1%	58,540	14.6%	99.9	0.1
TOTAL	**21,071,900**	**2,913,950**	**0**	**13.8%**	**758,362**	**26.0%**		
South Australia					[6]			
Red kangaroo	2,550,094	488,500	12,700	19.2%	67,820	13.9%	72.0	28.0
Western grey kangaroo	1,241,347	164,700	6,200	13.3%	24,565	14.9%	72.0	28.0
Euro	615,675	77,000	3,000	12.5%	6,013	7.8%	97.0	3.0
TOTAL	**4,407,116**	**730,200**	**21,900**	**16.6%**	**98,398**	**13.5%**		
Western Australia								
Red kangaroo	1,825,760	310,370	0	17.0%	28,546	9.2%	77.9	22.1
Western grey kangaroo	2,423,800	363,570	0	15.0%	59,926	16.5%	73.0	27.0
Euro	--	0	0	0.0%	--	--	--	--
TOTAL	**4,249,560**	**673,940**	**0**	**15.9%**	**88,472**	**25.7%**		
Total for commercial harvest areas in NSW, QLD, SA and WA	**42,560,970**	**6,222,301**	**214,385**	**14.6%**	**1,570,473**	**25.2%**		

[1] Population estimates are from state quota reports. Reports including population estimates for the current year and quotas for the following year are submitted to the Department of Environment

[2] Quotas are from state quota reports. These are based on the prior year's population estimates.

[3] Special quotas are from state quota reports. The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-

[4] Special quota figures are not included in these calculations. NSW total figure is 14.6% not 14.8%. Not all the quota here is available.

[5] Harvest figures are from state annual reports. Reports including harvest data for the previous calendar year are submitted to the Department of Agriculture, Water and the Environment

[6] Harvest statistics from kangaroo meat processor returns and is regarded as the more accurate

Macropod quotas and harvest for commercial harvest areas in NSW, QLD, SA and WA - 2018

Figures collated by the Australian Government Department of the Environment and Energy

	Population in surveyed areas (2017) [1]	Sustainable quota [2]	Special quota [3]	Sustainable quota as a percentage of population [4]	Total harvest [5]	Harvest as percentage of sustainable quota (%)	Total harvest male (%)	Total harvest female (%)
New South Wales								
Red kangaroo	5,132,654	872,551	76,990	17.0%	215,310	24.7%	93.0	7.0
Eastern grey kangaroo	8,153,725	1,223,059	122,306	15.0%	325,030	26.6%	88.0	12.0
Western grey kangaroo	916,583	128,169	13,733	14.0%	41,393	32.3%	93.0	7.0
Wallaroo	200,900	30,135	3,013	15.0%	12,063	40.0%	99.0	1.0
TOTAL	**14,403,862**	**2,253,914**	**216,042**	**15.6%**	**593,796**	**26.3%**		
Queensland								
Red kangaroo	6,526,700	1,239,350	0	19.0%	268,571	21.7%	87.2	12.8
Eastern grey kangaroo	12,992,150	1,643,400	0	12.6%	447,936	27.3%	88.2	11.8
Wallaroo	3,417,100	431,250	0	12.6%	79,240	18.4%	99.7	0.3
TOTAL	**22,935,950**	**3,314,000**	**0**	**14.4%**	**795,747**	**24.0%**		
South Australia								
Red kangaroo	2,758,663	485,100	13,700	17.6%	74,389	15.3%	92.8	7.2
Western grey kangaroo	1,613,880	197,400	8,000	12.2%	26,946	13.7%	91.1	8.9
Euro	662,134	78,300	3,300	11.8%	7,498	9.6%	100.0	0.0
TOTAL	**5,034,677**	**760,800**	**25,000**	**15.1%**	**108,833**	**14.3%**		
Western Australia								
Red kangaroo	1,464,330	248,920	0	17.0%	19,044	7.7%	81.4	18.6
Western grey kangaroo	2,270,445	340,540	0	15.0%	47,720	14.0%	81.8	18.2
Euro		0	0	0.0%	--	--	--	--
TOTAL	**3,734,775**	**589,460**	**0**	**15.8%**	**66,764**	**11.3%**		
Total for commercial harvest areas in NSW, QLD, SA and WA	**46,109,264**	**6,918,174**	**241,042**	**15.0%**	**1,565,140**	**19.0%**		

[1] Population estimates are from state quota reports. Reports including population estimates for the current year and quotas for the following year are submitted to the Department of Environment and Energy annually by 30 November. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

[2] Quotas are from state quota reports. These are based on the prior year's population estimates.

[3] Special quotas are from state quota reports. The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

[4] Special quota figures are not included in these calculations.

[5] Harvest figures are from state annual reports. Reports including harvest data for the previous calendar year are submitted to the Department of the Environment and Energy.

Macropod quotas and harvest for commercial harvest areas in NSW, QLD, SA and WA - 2017

Figures collated by the Australian Government Department of the Environment and Energy

	Population in surveyed areas (2016) [1]	Sustainable quota [2]	Special quota [3]	Sustainable quota as a percentage of population [4]	Total harvest [5]	Harvest as percentage of sustainable quota (%)	Total harvest male (%)	Total harvest female (%)
New South Wales								
Red kangaroo	6,364,234	1,081,920	95,464	17.0%	195,432	18.1%	97.0	3.0
Eastern grey kangaroo	9,298,261	1,394,739	139,474	15.0%	223,880	16.1%	94.0	6.0
Western grey kangaroo	1,595,023	239,253	23,925	15.0%	21,375	8.9%	94.0	6.0
Wallaroo	200,900	30,135	3,013	15.0%	6,114	20.3%	99.2	0.8
TOTAL	**17,458,418**	**2,746,047**	**261,876**	**15.7%**	**446,801**	**16.3%**		
Queensland								
Red kangaroo	5,768,650	1,090,600	0	18.9%	257,646	23.6%	94.8	5.2
Eastern grey kangaroo	13,992,950	1,804,200	0	12.9%	482,544	26.7%	96.6	3.4
Wallaroo	2,805,150	390,800	0	13.9%	127,939	32.7%	99.9	0.1
TOTAL	**22,566,750**	**3,285,600**	**0**	**14.6%**	**868,129**	**26.4%**		
South Australia								
Red kangaroo	2,651,212	504,000	13,200	19.0%	73,145	14.5%	97.4	2.6
Western grey kangaroo	1,495,145	194,800	7,400	13.0%	22,603	11.6%	95.1	4.9
Euro	564,802	67,300	2,800	11.9%	8,814	13.1%	99.3	0.7
TOTAL	**4,711,159**	**766,100**	**23,400**	**16.3%**	**104,562**	**13.6%**		
Western Australia								
Red kangaroo	1,132,000	185,000	0	16.3%	17,844	9.6%	81.4	18.6
Western grey kangaroo	1,357,700	191,325	0	14.1%	50,933	26.6%	80.3	19.7
Euro	--	0	0	--	--	--	--	--
TOTAL	**2,489,700**	**376,325**	**0**	**15.1%**	**68,777**	**18.3%**		
Total for commercial harvest areas in NSW, QLD, SA and WA	**47,226,027**	**7,174,072**	**285,276**	**15.2%**	**1,488,269**	**20.7%**		

[1] Population estimates are from state quota reports. Reports including population estimates for the current year and quotas for the following year are submitted to the Department of Environment and Energy annually by 30 November. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

[2] Quotas are from state quota reports. These are based on the prior year's population estimates.

[3] Special quotas are from state quota reports. The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

[4] Special quota figures are not included in these calculations.

[5] Harvest figures are from state annual reports. Reports including harvest data for the previous calendar year are submitted to the Department of the Environment and Energy.

Macropod quotas and harvest for commercial harvest areas in NSW, QLD, SA and WA - 2016

Figures collated by the Australian Government Department of the Environment and Heritage

	Population in surveyed areas (2015) [1]	Sustainable quota [2]	Special quota [3]	Sustainable quota as a percentage of population [4]	Total harvest [5]	Harvest as percentage of sustainable quota (%)	Total harvest male (%)	Total harvest female (%)
New South Wales								
Red kangaroo	5,889,886	1,001,281	88,348	17.0%	150,481	15.0%	97.0	3.0
Eastern grey kangaroo	8,818,588	1,322,788	132,278	15.0%	179,618	13.6%	90.0	10.0
Western grey kangaroo	1,488,329	222,307	22,324	14.9%	21,319	9.6%	97.0	3.0
Wallaroo	100,825	15,124	1,512	15.0%	5,410	35.8%	98.7	1.3
TOTAL	**16,297,628**	**2,561,500**	**244,462**	**15.7%**	**356,828**	**13.9%** *		
Queensland								
Red kangaroo	7,061,200	1,335,950	0	18.9%	251,778	18.8%	95.7	4.3
Eastern grey kangaroo	15,406,700	2,055,250	0	13.3%	528,547	25.7%	96.3	3.7
Wallaroo	3,694,100	525,500	0	14.2%	115,819	22.0%	99.9	0.1
TOTAL	**26,162,000**	**3,916,700**	**0**	**15.0%**	**896,144**	**22.9%**		
South Australia								
Red kangaroo	2,148,070	410,800	10,700	19.1%	69,677	17.0%	95.9	4.1
Western grey kangaroo	1,507,072	195,300	7,500	13.0%	21,317	10.9%	94.5	5.5
Euro	485,865	57,900	2,400	11.9%	7,687	13.3%	99.8	0.2
TOTAL	**4,141,007**	**664,000**	**20,600**	**16.0%**	**98,681**	**14.9%**		
Western Australia								
Red kangaroo	827,000	131,500	0	15.9%	22,236	16.9%	73.5	26.5
Western grey kangaroo	1,565,800	216,400	0	13.8%	68,985	31.9%	66.9	33.1
Euro	--	0	0	--	--	--	--	--
TOTAL	**2,392,800**	**347,900**	**0**	**14.5%**	**91,221**	**26.2%** *		
Total for commercial harvest areas in NSW, QLD, SA and WA	**48,993,435**	**7,490,100**	**265,062**	**15.3%**	**1,442,874**	**19.3%**		

[1] Population estimates are from state quota reports. Reports including population estimates for the current year and quotas for the following year are submitted to the Department of Environment and Energy annually by 30 November. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

[2] Quotas are from state quota reports. These are based on the prior year's population estimates.

[3] Special quotas are from state quota reports. The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

[4] Special quota figures are not included in these calculations.

[5] Harvest figures are from state annual reports. Reports including harvest data for the previous calendar year are submitted to the Department of the Environment and Energy.

*** Harvest as percentage of sustainable quota figure updated due to an error in calculation (updated 9/7/2018).**

Macropod Quotas and Harvest by State - 2015

New South Wales	Population (2014)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	6,423,271	1,091,956	96,349	17.0%	143,815	13.2%	94.8%	5.2%
Eastern grey kangaroo	9,119,613	1,366,344	136,794	15.0%	185,123	13.5%	89.3%	10.3%
Western grey kangaroo^	1,525,350	228,167	22,932	14.9%	20,927	9.2%	93.5%	6.5%
Wallaroo	100,825	15,124	1,512	15.0%	5,410	35.8%	99.0%	1.0%
TOTAL	**17,169,059**	**2,701,591**	**257,587**	**15.7%**	**355,275**	**13.2%**		

Queensland	Population (2014)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	7,147,850	1,336,950	0	18.7%	340,821	25.5%	96.3%	3.7%
Eastern grey kangaroo	15,427,250	2,105,850	0	13.7%	602,400	28.6%	95.9%	4.1%
Wallaroo	4,584,750	647,300	0	14.1%	117,788	18.2%	99.9%	0.01%
TOTAL	**27,159,850**	**4,090,100**	**0**	**15.1%**	**1,061,009**	**25.9%**		

South Australia	Population (2014)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	1,727,870	327,300	8,600	18.9%	68,908	21.1%	94.6%	5.4%
Western grey kangaroo	1,109,840	155,400	5,500	14.0%	27,787	17.9%	91.6%	8.4%
Euro	490,116	57,600	2,400	11.8%	9,990	17.3%	99.9%	0.01%
TOTAL	**3,327,826**	**540,300**	**16,500**	**16.2%**	**106,685**	**19.7%**		

Western Australia	Population (2014)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	409,422	54,600	0	13.3%	15,171	27.8%	62.4%	37.6%
Western grey kangaroo*	1,246,870	173,500	0	14.0%	93,958	54.2%	64.0%	36.0%
Euro	--	0	0	--	0	--	--	--
TOTAL	**1,656,292**	**228,100**	**0**	13.8%	**109,129**	**47.8%**		

Grand Total	49,313,027	7,560,091	274,087	15.3%	1,632,098	21.6%		

Quotas are based on the prior year's population estimates. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

*** A revised 2015 quota of 10,000 western grey kangaroos was allocated for the South East Agricultural Management Area, a subdivision of Western Australia's South East Population Monitoring Zone, owing to greater densities of western grey kangaroos in that management area compared to the rest of the South East Population Monitoring Zone, which was closed following 2014 survey results.**

^ There is a small population (3,466) of western grey kangaroos in the NSW Narrabri management zone. This is included in the population estimate, but no quota is set for this species in this zone.

Macropod Quotas and Harvest by State - 2014

New South Wales	Population (2013)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	4,480,580	761,699	67,209	17.0%	149,502	19.6%	93.3	6.7
Eastern grey kangaroo	8,896,284	1,334,443	133,444	15.0%	177,393	13.3%	89.6	10.4
Western grey kangaroo	1,852,710	277,158	27,791	15.0%	22,674	8.2%	90.7	9.3
Wallaroo	100,825	15,124	1,512	15.0%	5,410	35.8%	99.6	0.4
TOTAL	**15,330,399**	**2,388,424**	**229,956**	**15.6%**	**354,979**	**14.9%**		

Queensland	Population (2013)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	8,102,000	1,529,450	0	18.9%	277,992	18.2%	95.1	4.9
Eastern grey kangaroo	18,252,150	2,536,350	0	13.9%	566,061	22.3%	96.3	3.7
Wallaroo	6,449,750	945,500	0	14.7%	200,445	21.2%	99.9	0.1
TOTAL	**32,803,900**	**5,011,300**	**0**	**15.3%**	**1,044,498**	**20.8%**		

South Australia	Population (2013)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	1,673,233	315,500	8,300	18.9%	70,928	22.5%	89.5	10.5
Western grey kangaroo	1,061,830	139,700	5,300	13.2%	28,646	20.5%	84.4	15.6
Euro	487,654	57,100	2,400	11.7%	8,750	15.3%	99	1
TOTAL	**3,222,717**	**512,300**	**16,000**	**15.9%**	**108,324**	**21.1%**		

Western Australia	Population (2013)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	504,562	85,000	0	16.8%	40,681	47.9%	58.2	41.8
Western grey kangaroo	1,336,939	197,600	0	14.8%	97,448	49.3%	60.7	39.3
Euro	--	0	0	--	0	--	--	--
TOTAL	**1,841,501**	**282,600**	**0**	**15.3%**	**138,129**	**48.9%**		

GRAND TOTAL	**53,198,517**	**8,194,624**	**245,956**	**15.4%**	**1,645,930**			

Quotas are based on the prior year's population estimates. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

Macropod Quotas and Harvest by State - 2013

New South Wales	Population (2012)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	4,148,316	705,214	62,225	17.0%	151,647	21.5%	92.1	7.9
Eastern grey kangaroo	6,297,955	944,693	94,469	15.0%	168,610	17.8%	90.1	9.9
Western grey kangaroo	855,892	121,328	12,838	14.2%	22,035	18.2%	89.5	10.5
Wallaroo	88,430	12,516	1,326	14.2%	4,354	34.8%	98.6	1.4
TOTAL	**11,390,593**	**1,783,751**	**170,858**	15.7%	**346,646**	**19.4%**		

Queensland	Population (2012)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	5,698,700	1,084,500	0	19.0%	327,016	30.2%	93.2	6.8
Eastern grey kangaroo	14,639,800	2,010,900	0	13.7%	586,772	29.2%	95.9	4.1
Wallaroo	3,749,650	538,050	0	14.3%	226,792	42.2%	99.98	0.02
TOTAL	**24,088,150**	**3,633,450**	**0**	15.1%	**1,140,580**	**31.4%**		

South Australia	Population (2012)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	1,439,393	273,800	7,100	19.0%	76,840	28.1%	81.1	18.9
Western grey kangaroo	799,891	107,100	3,900	13.4%	27,644	25.8%	80.3	19.7
Euro	487,654	58,100	2,400	11.9%	6,480	11.2%	97.5	2.5
TOTAL	**2,726,938**	**439,000**	**13,400**	16.1%	**110,964**	**25.3%**		

Western Australia	Population (2012)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	455,090	77,200	0	17.0%	36,862	47.7%	60.9	39.1
Western grey kangaroo	749,709	106,000	0	14.1%	81,087	76.5%	60.5	39.5
Euro	--	0	0	--	0	--	--	--
TOTAL	**1,204,799**	**183,200**	**0**	15.2%	**117,949**	**64.4%**		

Grand Total	39,410,480	6,039,401	184,258	15.3%	1,716,139			

Quotas are based on the prior year's population estimates. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

Macropod Quotas and Harvest by State - 2012

New South Wales	Population (2011)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	3,972,523	675,329	59,588	17.0%	134,893	20.0%	84.2	15.8
Eastern grey kangaroo	5,258,103	782,350	78,872	14.9%	177,296	22.7%	79.6	20.4
Western grey kangaroo	496,059	48,435	7,441	9.8%	18,339	37.9%	82	18
Wallaroo	88,430	12,516	1,326	14.2%	5,473	43.7%	97.3	2.7
TOTAL	**9,815,115**	**1,518,630**	**147,227**	**15.5%**	**336,001**	**22.1%**		

Queensland	Population (2011)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	5,745,591	1,057,950	0	18.4%	281,968	26.7%	88.9	11.1
Eastern grey kangaroo	10,799,679	1,521,850	0	14.1%	494,219	32.5%	91.9	8.1
Wallaroo	3,799,973	524,150	0	13.8%	199,117	38.0%	99.97	0.03
TOTAL	**20,345,243**	**3,103,950**	**0**	**15.3%**	**975,304**	**31.4%**		

South Australia	Population (2011)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	1,158,000	225,300	5,700	19.5%	82,117	36.4%	67.3	32.7
Western grey kangaroo	674,800	94,000	3,100	13.9%	32,570	34.6%	68.6	31.4
Euro	494,800	72,800	2,400	14.7%	7,614	10.5%	96.4	3.6
TOTAL	**2,327,600**	**392,100**	**11,200**	**16.8%**	**122,301**	**31.2%**		

Western Australia	Population (2011)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	638,185	95,000	0	14.9%	34,104	35.9%	56.5	43.5
Western grey kangaroo	1,177,534	140,000	0	11.9%	92,876	66.3%	59.9	40.1
Euro	--	0	0	--	0	0	0	0
TOTAL	**1,815,719**	**235,000**	**0**	**12.9%**	**126,980**	**54.0%**		

GRAND TOTAL	**34,303,677**	**5,249,680**	**158,427**	**15.3%**	**1,560,586**

Quotas are based on the prior year's population estimates. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

Macropod Quotas and Harvest by State - 2011

New South Wales	Population (2010)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	3,013,908	512,364	45,209	17.0%	125,843	24.6%	80.1	19.9
Eastern grey kangaroo	4,756,792	684,278	71,352	14.4%	235,579	34.4%	75.3	24.7
Western grey kangaroo	662,982	78,851	9,945	11.9%	16,575	21.0%	82.8	17.2
Wallaroo	88,430	11,017	1,326	12.5%	4,940	44.8%	96.5	3.5
TOTAL	**8,522,112**	**1,286,510**	**127,832**	**15.1%**	**382,937**	**29.8%**		

Queensland	Population (2010)	Quota	Special Quota		Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	3,603,509	645,750	0	17.9%	296,303	45.9%	86.8	13.2
Eastern grey kangaroo	6,652,443	920,350	0	13.8%	519,347	56.4%	90.4	9.6
Wallaroo	1,916,855	261,150	0	13.6%	197,680	75.7%	99.9	0.1
TOTAL	**12,172,807**	**1,827,250**	**0**	**15.0%**	**1,013,330**	**55.5%**		

South Australia	Population (2010)	Quota	Special Quota		Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	1,074,000	208,550	5,370	19.4%	73,778	35.4%	57.1	42.9
Western grey kangaroo	720,000	101,400	3,600	14.1%	28,043	27.7%	61.5	38.5
Euro	411,000	57,000	2,500	13.9%	6,461	11.3%	96.1	3.9
TOTAL	**2,205,000**	**366,950**	**11,470**	**16.6%**	**108,282**	**29.5%**		

Western Australia	Population (2010)	Quota	Special Quota		Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	850,731	100,000	0	11.8%	25,697	25.7%	57	43
Western grey kangaroo	1,407,376	150,000	0	10.7%	93,330	62.2%	60.1	39.9
Euro	--	0	0	--	0	--	0	0
TOTAL	**2,258,107**	**250,000**	**0**	**11.1%**	**119,027**	**47.6%**		

GRAND TOTAL	**25,158,026**	**3,730,710**	**139,302**	**14.8%**	**1,623,576**

Quotas are based on the prior year's population estimates. Population estimates are based on aerial and ground surveys and are for the areas within Australia where commercial harvesting occur. The actual national populations would be significantly higher as these figures do not include estimates for areas not surveyed.

The purpose of the special quota is to provide for the commercial utilisation of kangaroos that would have otherwise been shot under the normal non-commercial licensing system and left in the field. Special quotas are only allocated when the state management agency has determined that there is a need.

Macropod Quotas and Harvest by State - 2010

New South Wales	Population (2009)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	2,456,795	417,655	36,852	17.0%	117,811	28.2%	74	26
Eastern grey kangaroo	3,909,270	552,904	58,639	14.1%	237,038	42.9%	76.1	23.9
Western grey kangaroo	722,255	83,194	10,834	11.5%	25,554	30.7%	82.3	17.7
Wallaroo	114,966	17,245	1,725	15.0%	9,178	53.2%	97	3
TOTAL	**7,203,286**	**1,070,998**	**108,050**	**14.9%**	**389,581**	**36.4%**		

Queensland	Population (2009)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	5,004,684	887,127	0	17.7%	255,191	28.8%	83.4	16.6
Eastern grey kangaroo	7,714,654	1,068,847	0	13.9%	402,421	37.7%	85.7	14.3
Wallaroo	2,405,729	335,849	0	14.0%	173,006	51.5%	99.8	0.2
TOTAL	**15,125,067**	**2,291,823**	**0**	**15.2%**	**830,618**	**36.2%**		

South Australia	Population (2009)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	1,031,000	199,700	5200	19.4%	65,129	32.6%	53.5	46.5
Western grey kangaroo	658,000	91,300	3300	13.9%	31,959	35.0%	60.8	39.2
Euro	465,000	64,200	1000	13.8%	5,732	8.9%	94.8	5.2
TOTAL	**2,154,000**	**355,200**	**9,500**	**16.5%**	**102,820**	**28.9%**		

Western Australia	Population (2009)	Quota	Special Quota	Sustainable Quota as percentage of population	Total Harvest	Harvest as percentage of Sustainable Quota	Total harvest male (%)	Total harvest female (%)
Red kangaroo	904506	105000	0	11.6%	53,818	51.3%	55.5	44.5
Western grey kangaroo	1653464	200000	0	12.1%	92,923	46.5%	60.7	39.3
Euro	--	0	0	--	0	--	--	--
TOTAL	**2,557,970**	**305,000**	**0**	11.9%	**146,741**	**48.1%**		

GRAND TOTAL	**27,040,323**	**4,023,021**	**117,550**	**14.9%**	**1,469,760**	**36.5%**		

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