GENERAL AGREEMENT ON
TARIFFS AND TRADE

CONFIDENTIAL
IMCG/STAT/6/Add.7
3 March 1978

International Meat Consultative Group

REPLY TO QUESTIONNAIRE

AUSTRALIA

(Updated January 1978)

CONTENTS

PAGE

PART A : BOVINE CATTLE NUMBERS AND HERD STRUCTURE

Table A.1 - Bovine cattle numbers and herd structure 4

PART B : SLAUGHTER RATES AND PRODUCTION, STOCKS AND CONSUMPTION OF BOVINE MEAT

Table B.1 - Inspected and total slaughterings and average carcass weights. 5
Table B.2 - Total production of bovine meat. 6
Table B.3 - Private and public stocks of bovine meat. 7
Table B.4 - Consumption of bovine meat. 8

PART C : TRADE

Table C.1.1 - Imports of cattle by volume. 9
Table C.1.2 - Imports of beef and veal by volume. 10
Table C.1.3 - Imports of cattle, beef and veal by value. 11
Table C.2.1 - Imports of cattle by country of origin. 12
Table C.2.2 and C.2.3 - Imports of fresh, chilled and frozen beef and veal by country of origin. 13
Table C.2.4 - Imports of other beef and veal by country of origin. 14
Table C.3.1 - Exports of cattle by volume. 15
Table C.3.2 - Exports of beef and veal by volume. 16
Table C.3.3 - Exports of cattle, beef and veal by value. 17
Table C.4.1 - Exports of cattle by country of destination. 18

PAGE

Table C.4.2 - Exports of fresh and chilled beef and veal by country of destination. 19

Table C.4.3 - Exports of frozen beef and veal by country of destination. 21

Table C.4.4 - Exports of other beef and veal by country of destination. 23

PART D : PRICES

Table D.1 - Domestic meat prices. 25

Table D.2 - Export prices for beef. 26

Table D.3 - Per Capita Disposable Income and Consumer Price Index. 27

ADDENDUM : Exchange Rates. 28

PART A

Table A.1 Bovine Cattle Numbers and Herd Structure

('000 head)

As at 31 March	1976	1977
Total cattle	33,434	31,545
Total cows (1 yr & over)	18,264	16,846
of which dairy cows (a)	3,062	2,833
Calves (under 1 yr)	8,661	7,887
Bulls (for service)	621	577
Other cattle (1 yr & over) (b)	5,888	6,235

(a) Relates to cows used or intended for production of milk or cream whether for sale or for use on rural holdings

(b) Mainly for meat production. Includes steers, bullocks, spayed cows, etc

PART B

Slaughter Rates and Production, Stocks and Consumption of Bovine Meat

Table B.1 Inspected and Total Slaughterings and Average Carcass Weights (Av.C.W.) (a)

('000 head)

	Cows and Heifers (b)		Bulls, Bullocks and Steers (b)	Total Cattle		Calves		Total Cattle and Calves (c)	
	Inspected	Total	Inspected Total	Numbers	(d) (e) Weight Av.C.W. (kg)	Inspected Total	(e) Av.C.W. (kg)	Inspected Total	(e) Av.C.W. (kg)
1976 (f)									
I	790.8		995.2	2113.3	202	340.7	55	2454.0	181
II	1028.3		1099.6	2416.3	202	537.9	44	2954.2	173
III	1074.5		1184.1	2275.2	201	1039.3	30	3314.5	148
IV	951.9		1069.5	2030.1	199	494.3	41	2524.4	168
TOTAL	3845.5		4348.4	8834.9	201	2412.2	39	11247.1	166
1977 (f)									
I	1242.3		1119.6	2367.3	197	474.3	40	2841.6	170
II	1359.1		1222.9	2584.0	199	457.8	43	3041.8	176
III	1263.6		1310.6	2582.2	204	1027.9	33	3610.1	155
IV									
TOTAL								12400.0 (g)	

(a) Relates only to slaughterings for human consumption
(b) Statistics for the Northern Territory and Western Australia (to 30 June 1976) not included in this category
(c) Includes statistics for Western Australia and the Northern Territory
(d) Production statistics for cows, heifers/bulls, bullocks and steers not available separately
(e) Derived by dividing production by number of head slaughtered
(f) Preliminary (g) Forecast

PART B

Slaughter Rates, Production, Stocks and Consumption of Bovine Meat

Table B.2 Total Production of Bovine Meat

(tonnes, carcass weight)

	A. Production from slaughter of indigenous animals			B. Production from slaughter of imported animals			Total meat production from slaughtered animals (a) (A + B)		
	Beef	Veal	Total	Beef	Veal	Total	Beef	Veal	Total
1976 (b)									
I							426,503	18,691	445,194
II		Separate details not available.					487,757	23,733	511,490
III		Details in category B would be negligible.					458,444	31,069	489,513
IV							404,732	20,147	424,879
TOTAL							1,777,436	93,640	1,871,076
1977 (b)									
I)							455,386	18,142	484,528
II)							514,242	19,625	533,867
III)							527,542	33,605	561,147
IV)									(c)
TOTAL									1,960,000
1978 (c)									1,700,000

(a) Relate only to slaughterings for human consumption. Excludes offal
(b) Preliminary
(c) Forecast

PART B

Slaughter Rates and Production, Stocks and Consumption of Bovine Meat

Table B.3 Stocks of Frozen Bovine Meat as requested by the Australian Meat Board (tonnes) (a) (b)

	Beef		Veal		Total (c)
	A.	B.	A.	B.	Tonnes
As at last Saturday in:					
1976					
Mar.					62,886
June					81,276
Sept.					73,391
Dec.					69,226
1977					
Mar.					87,844
June					81,120
Sept.					86,988
Dec.					

(a) Data not separately available for:
A. Private Stocks of Bovine Meat (at wholesale level)
B. Stocks held by or for Regulatory or Marketing Authorities

(b) Includes boneless and carcass beef

(c) Excludes the Northern Territory, details for which are not available for publication

PART B

Slaughter rates and production, stocks and consumption of Bovine Meat

Table B.4 Consumption of Bovine Meat

	Apparent consumption of bovine meat (a) ('000 tonnes, carcass weight)			Per caput consumption (kg)
	Beef	Veal	Total	Total Beef & Veal
1976(c)	832	73	905	65.0
1977(d)	915	(b)	915	65.0

(a) Includes beef and veal used in canning
(b) Included in "Beef"
(c) Preliminary
(d) Forecast

PART C

Trade : Imports

Table C.1.1 Imports of Live Cattle (a) by Volume

	Number (head)	Live Weight ('000 tonnes)	Carcass Weight Equivalent ('000 tonnes)
1976			
I	78		
II	104	n.a.	n.a.
III (b)	514		
IV (b)	108		
TOTAL (b)	804		
1977 (b)			
I	132	n.a.	n.a.
II	729		
III	375		
IV			
TOTAL			

(a) Includes buffaloes and cattle for breeding
(b) Preliminary

PART C

Trade : Imports

Table C.1.2 Imports of Beef and Veal by Volume (Product Weight)

(tonnes)

	Fresh, Chilled & Frozen (a)	Other (Canned, Cooked etc) (b)	Total Beef & Veal
1976			
I	68	34	102
II	118	85	203
III (c)	145	139	284
IV (c)	410	33	443
TOTAL (c)	741	291	1,032
1977 (c)			
I	326	115	441
II	281	103	384
III	245	61	306
IV			

(a) Imports of fresh and chilled and frozen beef and veal not available separately

(b) Excludes canned corned beef and canned steak and kidney pies. Other types of beef and veal are not recorded

(c) Preliminary

Table C.1.3 Imports of Cattle, Beef and Veal by Volume (FOB)

(US$'000)

	A	B	C	D	E
	Cattle (a)	Beef and Veal (b)	Total	Total value merchandise imports	Ratio C/D
1976					
I	266	146	411	2,571,113	..
II	323	265	588	2,652,360	..
III (c)	1,320	358	1,678	2,939,276	0.1
IV (c)	533	671	1,204	2,933,113	..
TOTAL (c)	2,442	1,440	3,881	11,095,862	..
1977 (c)					
I	71	638	709	3,035,799	..
II	625	588	1,213	3,054,808	..
III	365	421	786	3,111,491	..

(a) Includes buffaloes and cattle for breeding

(b) Fresh, chilled, frozen and other (canned, cooked, etc)

(c) Preliminary

.. Less than 0.05%

PART C

Table C.2.1 Imports of Cattle (a) by Country of Origin

Quantity ("Q" = Head) and Value ("V" = US$'000 f.o.b.)

	1976 (b)		1977 (b) (c)	
	Q Head	V US$'000	Q Head	V US$'000
TOTAL IMPORTS	804	2,442	1,236	1,061
of which				
From:				
N.Z.	803	2,435	1,236	1,061

(a) Includes cattle imported for breeding purposes

(b) Preliminary

(c) 9 months (January-Sept 1977)

PART C

Trade : Imports

Tables C.2.2 & C.2.3 Imports of fresh and chilled and frozen beef and veal by country of origin (a)

Quantity ("Q" = product weight, tonnes) and Value ("V" = US$ '000 f.o.b.)

	1976 (b)		1977 (b) (c)	
	Q Tonnes	V US$'000	Q Tonnes	V US$'000
TOTAL IMPORTS	741	1,070	852	1,297
of which				
From:				
N.Z.	741	1,070	844	1,284

(a) Imports of fresh and chilled and frozen beef and veal are not recorded separately. Also includes imports of buffalo meat.

(b) Preliminary

(c) 9 months (January-Sept 1977)

PART C

Trade : Exports

Table C.3.1 Exports of Live Cattle (a) by Volume

	Number (head)	Live weight (tonnes)	Carcass weight equivalent (estimated (b)) (tonnes)
1976			
I	7,453		1,364
II	7,080		1,246
III (c)	4,814		717
IV (c)	9,319		1,564
Total (c)	28,666		4,891
1977 (c)			
I	7,373		1,226
II	7,934		1,319
III	16,314		2,535
IV			

(a) Excludes cattle exported for breeding purposes

(b) Estimated by multiplying number of head by average carcass weight of Australian cattle and calves slaughtered

(c) Preliminary

PART C

Trade : Exports

Table C.3.2 Exports of Beef and Veal by Volume (Shipped Weight)

(tonnes)

	Fresh and Chilled [a]	Frozen [b]	Other (canned cooked etc)	Total beef and veal
1976				
I	5,029	120,179	4,463	129,670
II	7,673	138,714	5,670	152,057
III (c)	9,229	160,555	7,868	177,653
IV (c)	10,838	128,312	7,556	146,707
TOTAL (c)	32,769	547,759	25,558	606,087
1977 (c)				
I	4,800	132,781	6,433	144,014
II	5,554	181,181	7,756	194,491
III	7,948	194,244	6,013	208,205
IV				
TOTAL				730,000 (c)
1978 (d)				595,000 (d)

(a) Excludes fresh and chilled veal, included with frozen Veal

(b) Including fresh and chilled veal

(c) Preliminary

(d) Forecast

PART C

Trade : Exports

Table C.3.3 Exports of Cattle, Beef and Veal by Volume (f.o.b.)

(US$'000)

	A	B	C	D	E
	Cattle (a)	Beef and Veal (b)	Total (A+B)	Total value (fob) merchandise exports	Ratio C/D %
1976					
I	1,159	155,075	156,234	2,716,689	5.75
II	1,404	194,792	196,196	3,212,950	6.11
III (c)	1,012	200,880	201,892	3,580,307	5.64
IV (c)	1,633	158,696	160,329	3,357,825	4.77
TOTAL (c)	5,208	709,443	714,651	12,867,771	5.55
1977 (c)					
I	1,202	166,750	167,952	3,102,091	5.41
II	1,369	230,411	231,780	3,396,233	6.82
III	2,768	236,249	239,017	3,318,479	7.20
IV					

(a) Excluding cattle exported for breeding purposes

(b) Fresh, chilled, frozen and other (canned, cooked, etc)

(c) Preliminary

PART C

Trade : Exports

Table C.4.1 Exports of Cattle (a) by Country of Destination

Quantity ("Q" = Head) and Value ("V" = US$'000 f.o.b.)

1976

	I		II		III (b)		IV (b)		Total (b) 1976	
	Q Head	V US$'000	Q Head	V US$'000	Q Head	V US$'000	Q Head	V US$'000	Q Head	V US$'000
TOTAL EXPORTS	7,453	1,159	7,080	1,404	4,814	1,012	9,319	1,633	28,666	5,208
of which To:										
Brunei	815	107	1,029	403	780	229	1,020	127	3,644	867
Hong Kong	5,215	751	5,750	914	2,415	385	6,519	1,127	19,899	3,179
Singapore	513	137	265	76	872	212	484	119	2,134	544
Other	910	164	36	11	747	186	1,296	260	2,989	618

1977 (b)

							Total 1977	
TOTAL EXPORTS	7,373	1,202	7,934	1,369	16,314	2,768		
of which To:								
Brunei	650	100	587	82	793	164		
Hong Kong	4,848	774	6,015	987	13,314	2,039		
Singapore	1,251	213	921	211	946	252		
Other	624	115	411	89	1,261	313		

(a) Excludes cattle exported for breeding purposes

(b) Preliminary

PART C

Table C.4.2 Exports of Fresh and Chilled Beef and Veal by Country of Destination

Quantity ("Q" = Shipped Weight, tonnes) and Value ("V" = US$'000 f.o.b.)

1976

	I		II		III (a)		IV (a)		Total 1976 (a)	
	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000
TOTAL EXPORTS	5,029	8,974	7,673	13,381	9,229	13,763	10,838	16,619	32,769	52,738
of which To:										
Bahrain	63	145	35	86	144	116	98	81	340	429
Egypt, Arab Rep.	-	-	-	-	31	24	596	331	627	356
Greece	-	-	64	69	50	29	2	6	116	104
Hong Kong	44	70	29	43	71	62	126	134	270	308
Japan	3,976	6,728	6,384	10,711	7,275	11,104	8,721	13,958	26,356	42,502
Kuwait	-	-	5	4	42	68	80	126	127	198
New Caledonia	110	187	72	134	43	68	69	115	293	503
Papua/New Guinea	103	138	145	197	163	145	252	313	663	792
Saudi Arabia	19	9	-	-	2	5	14	13	36	27
Sweden	560	1,455	730	1,926	540	1,374	416	998	2,245	5,754
Other	154	242	209	211	868	768	464	544	1,697	1,765

(a) Preliminary

Table C.4.2 (cont.)

1977 (a)

	I		II		III		IV		Total 1977	
	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US'000	Q Tonne	V US$'000	Q Tonne	V US$'000
TOTAL EXPORTS	4,800	7,843	5,554	8,676	7,948	11,139				
of which To:										
Bahrain	7	13	34	57	350	389				
Greece	24	81	4	22	3	15				
Hong Kong	25	37	23	46	51	65				
Japan	3,566	5,896	4,491	6,814	5,858	8,187				
Kuwait	22	20	72	66	27	49				
New Caledonia	26	41	28	52	13	23				
Papua/New Guinea	235	274	18	21	126	167				
Singapore	83	79	40	37	75	79				
Sweden	349	848	477	1,185	477	1,192				
UK	99	155	30	39	15	30				
Other	364	399	337	337	953	943				

(a) Preliminary

PART C

Trade : Exports

Table C.4.3 Exports of Frozen Beef and Veal by Country of Destination

Quantity ("Q" = shipped weight, tonnes) and Value ("V" = US$'000 f.o.b.)

1976

	I		II		III (a)		IV (a)		Total 1976 (a)	
	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000
TOTAL EXPORTS	120,178	139,266	138,714	172,649	160,555	176,008	128,312	131,148	547,759	619,072
of which To:										
Canada	4,712	5,695	17,870	19,280	19,385	19,775	8,627	9,945	50,594	54,695
China - Taiwan Province only	1,845	1,233	992	701	1,596	1,164	1,480	764	5,913	3,862
Arab Rep. Egypt	-	-	1,803	1,217	2,569	2,011	4,913	3,751	9,285	6,980
Japan	17,741	20,816	10,161	11,388	15,009	15,164	12,701	12,662	55,612	60,030
Singapore	1,448	1,736	1,267	1,378	1,444	1,260	1,499	1,266	5,653	5,640
Sweden	1,862	4,331	2,654	6,605	2,429	4,851	869	2,257	7,835	18,045
UK	1,368	1,232	4,802	4,163	3,822	2,977	1,403	1,325	11,395	9,697
USA	80,999	93,685	76,042	103,871	64,568	80,912	54,346	65,553	275,955	344,022
USSR	-	-	-	-	2,377	1,606	12,110	8,651	14,487	10,257
Other	10,203	10,538	23,123	24,046	47,356	46,288	30,344	24,974	111,025	105,844

(a) Preliminary

Table C.4.3 (cont.)

1977 (a)

	I		II		III		IV		Total 1977	
	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000
TOTAL EXPORTS	132,781	149,709	181,181	210,635	194,244	214,914				
of which To:										
Canada	5,087	6,776	6,303	9,029	5,647	6,476				
Egypt, Arab Rep.										
Hong Kong	2,595	2,485	2,241	2,735	1,918	2,231				
Japan	12,964	14,779	11,843	13,980	14,058	15,473				
Poland	16,783	14,391	13,917	13,914	4,106	4,007				
Romania	-	-	9,089	9,269	10,280	10,103				
Sweden	772	2,120	1,744	4,616	1,905	4,703				
UK	2,790	2,405	2,306	3,147	1,843	2,449				
USA	58,090	74,808	69,227	83,289	102,126	110,023				
USSR	15,483	13,278	38,342	42,462	-	-				
Other	18,217	18,667	26,169	28,194	52,361	59,449				

(a) Preliminary

PART C

Trade : Exports

Table C.4.4 Exports of other Beef and Veal (canned, cooked, etc) by Country of Destination

Quantity ("Q" = shipped weight, tonnes) and Value ("V" = US$'000 f.o.b.)

1976

	I		II		III		IV		Total 1976	
	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000
TOTAL EXPORTS	4,463	6,835	5,670	8,761	7,868	11,110	7,556	10,928	25,558	37,633
of which										
Arab Rep. Egypt	-	-	-	-	7	11	-	-	7	11
Canada	372	655	769	1,472	902	1,821	427	910	2,470	4,859
Gilbert & Ellis Is.	47	63	26	43	45	98	67	127	186	332
Jamaica	-	-	-	-	-	-	-	-	-	-
Japan	1,098	1,566	999	1,442	1,206	1,575	1,142	1,593	4,446	6,175
Nauru	5	6	47	120	39	79	16	35	107	240
Papua/New Guinea	1,243	1,944	1,313	2,143	1,554	2,370	1,599	2,623	5,709	9,080
UK	1,306	1,921	2,115	2,880	3,114	3,700	3,585	4,305	10,119	12,806
USA	57	112	18	33	503	597	173	308	751	1,049
Other	335	568	383	628	498	859	549	947	1,763	3,001

Table C.4.4 (cont.)

1977 (a)

	I		II		III		IV		Total 1977	
	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000	Q Tonne	V US$'000
TOTAL EXPORTS	6,433	9,197	7,756	11,100	6,013	10,196				
of which										
Canada	455	988	484	945	615	1,315				
Fiji	43	65	42	72	33	65				
France	17	27	76	113	127	169				
Gilbert & Ellice Is.	55	96	63	112	77	156				
Japan	1,046	1,558	2,219	3,678	1,405	2,218				
Mauritius	50	125	55	138	28	63				
Papua/New Guinea	1,841	2,763	1,769	2,760	2,312	3,976				
Samoa, American	63	123	77	165	25	61				
Solomon Is.	40	65	63	105	46	88				
UK	2,463	2,874	2,109	2,202	700	989				
Other	360	513	799	810	645	1,096				

(a) Preliminary

PART D - PRICES

Table D.1 - Domestic Meat Prices

	Average Prices Received by Producers (a) (b) (U.S. cents/kg)	Average Wholesale Prices (c) (U.S. cents/kg)	Average Retail Beef Prices (d) (U.S. cents/kg)	Retail Price of Alternative Meat (e) (U.S. cents/kg)
1976	62.1	75.99	257	144.26
1976				
I	61.4	73.31	263	139.52
II	58.3	72.46	257	134.65
III	62.7	78.67	256	146.58
IV	66.2	85.50	263	156.30
1977				
I	61.1	74.29	234	161.51
II	53.2	n.a.	n.a.	n.a.
III	52.4	n.a.	n.a.	n.a.
IV				

(a) Guaranteed price not applicable in Australia

(b) Source: Australian Meat Board, The Meat Producer and Exporter (various issues). Prices quoted are for Ox 301/320 kg export quality , Brisbane

(c) Source: Department of Agriculture, New South Wales. Prices quoted are for Ox and Heifer 205/327 kg, Sydney

(d) Source: As for (c). Prices quoted are for "topside" steak. Selected retail outlets in the Sydney Metropolitan Area

(e) Source: Department of Agriculture, New South Wales. Prices quoted are for sides of lamb. Selected retail outlets in the Sydney Metropolitan Area.

PART D - PRICES

Table D.2 - Export Prices

1. AUSTRALIAN BEEF EXPORT PRICES

(Australian cents/kg - approximate value FAS)

	United States		Japan	
	Boneless-manufacturing		Boneless	
	Bull	Cow	Ox Chucks & Blades	Briskets
Monthly Average for 1977				
May	104.6	98.1	-	-
June	100.9	94.1	-	30.9
July	99.5	90.5	73.6	35.9
Average for Week Ending				
6.5.77	107.5	101.6	-	-
13.5.77	106.8	98.9	-	-
20.5.77	104.2	98.7	-	-
27.5.77	99.9	93.0	-	-
3.6.77	101.8	96.9	-	-
10.6.77	101.4	94.6	-	30.9
17.6.77	100.3	92.5	-	-
24.6.77	100.2	92.4	-	-
1.7.77	103.0	95.2	-	-
8.7.77	101.3	95.0	-	-
15.7.77	97.9	86.3	-	-
27.7.77	95.7	85.6	-	-

2. AVERAGE UNIT VALUE (FOB - US$/KG) FOR FROZEN BEEF EXPORTS TO ALL MARKETS OTHER THAN UNITED STATES AND JAPAN

May	1.12
June	1.13
July	1.14

PART D - PRICES (Cont.)

Table D.3 - Per Capita Disposable Income & Consumer Price Index

	Per Capita Household Disposable Income (current prices) (a) US$	Consumer Price Index (b) Base 1966/67=100
1974/75	4,290	171.1
1975/76	4,471	193.3
1976/77	4,570	220.0
1974/75		
Sept Qtr.	1,024	162.0
Dec. Qtr.	1,114	168.1
March Qtr.	1,012	174.1
June Qtr.	1,099	180.2
1975/76		
Sept. Qtr.	1,035	181.6
Dec. Qtr.	1,229	191.7
March Qtr.	1,058	197.4
June Qtr.	1,140	202.4
1976/77		
Sept. Qtr.	1,085	206.9
Dec. Qtr.	1,219	219.3
March Qtr.	1,096	224.3
June Qtr.	1,163	229.6
1977/78		
Sept. Qtr		234.1

(a) Annual per capita data for financial years based on total mean population. Quarterly data based on population at end of each quarter.

(b) Consumer Price Index (six capital cities combined).

ADDENDUM: EXCHANGE RATES

For calendar years, where values are expressed in dollars U.S., the following conversion rates from dollars Australian have been used:

1976	-	1.2253
Jan-June 1977	-	1.0993
July-Sept 1977	-	1.1108

For financial years the following conversion rates from dollars Australian, Period Averages, Par Rate/Market Rate have been used.
(Source: IMF's International Financial Statistics)

1975-76	-	1.2609
1976-77	-	1.1518