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## Germany

### Dairy Livestock and Poultry

### Variety Meats

**1999**

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#### Report Highlights:

**Variety meats in Germany are essentially a residual of livestock production and meat processing. Only liver, pate from liver and pork or cattle tongues find their way into human consumption at noticeable quantities. Oxtails, kidneys, hearts and thyroid glands (from poultry) are of minor value.**

**The United States supply only small quantities of cattle and swine variety meats directly to Germany, and U.S. shipments mostly comprise commodities of HS codes 0206 2999 and 0206 4991.**

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Includes PSD changes: Yes  
Includes Trade Matrix: Yes  
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## Executive Summary

Variety meats in Germany are essentially a residual of livestock production and meat processing. Only liver (of swine, calf and other cattle), pate from liver and pork or cattle tongues find their way into human consumption at noticeable quantities. Oxtails, kidneys, hearts and thyroid glands (from poultry) are insignificant quantity and value. Around 75 percent of variety meat supply is for the category of non-human use (feed, industrial use, waste). Total per capita consumption of variety meats was at 5.4 kg and human per capita consumption at 1.4 kg. Swine varieties account for the bulk of supply (due to the large pig industry) and consumption.

Total production of variety meats was 320,000 MT in 1998 of which 117,000 MT was from cattle, 204,000 MT from pigs and 2,000 MT from sheep. (Differences are due to rounding and calculation.) Total consumption was 351,000 MT in 1998 comprised of cattle (104,000 MT), swine (203,000 MT) and sheep (2,000 MT). (Differences are explained in Note 4 on page 3.)

Self-sufficiency is generally at 90 percent. Consumption of variety meats is not very popular in Germany. Supply is relatively large due to the extended livestock industry.

Consequently, only small quantities of variety meats need be imported, mainly to offset exports and fill supply niches. Most imports originate from the Netherlands and France for cattle varieties, from the Netherlands, Denmark and Belgium for swine variety meats and from Great Britain, New Zealand and Ireland for sheep variety meats.

The United States supply only small quantities of cattle and swine varieties directly to Germany; nevertheless, there remains potential for lucrative sales in the future. U.S. shipments almost exclusively comprise commodities of HS codes 0206 2999 (other frozen bovine offal) and 0206 4991 (other domestic frozen swine offal) (see Table 11). U.S. shipments therefore don't include fresh, chilled or frozen beef, calf or domestic pork tongues and livers.

German exports go mainly to the Netherlands and France for cattle varieties and to the Netherlands for swine varieties. Interestingly, Germany exports of cattle varieties are considerably higher than its imports, whereas the country imports much more swine varieties than it exports. This may be explained on the one hand by the relative popularity of fresh swine liver and swine liver pate, with corresponding high consumption levels in this sector, and low swine self-sufficiency (Germany is about 75 to 80 percent self-sufficient in pork). On the other hand, cattle tongues and livers do not enjoy the same rate of consumption, but self-sufficiency is generally around 110 percent.

## Statistical Tables

The following section includes PSD's, price tables, trade matrices and additional tables.

Note 1: Prices in tables after PSD's are in US\$ and indicate simple average monthly import prices for imported commodities recorded in the PSD's without discriminating between high-priced or low-priced products.

Note 2: In recent years the U.S. dollar/German mark exchange rate has been as follows:

1991: \$1 = DM 1.66;	1996: \$1 = DM 1.50;
1992: \$1 = DM 1.52;	1997: \$1 = DM 1.70;
1993: \$1 = DM 1.65;	1998: \$1 = DM 1.76;
1994: \$1 = DM 1.61;	1999: \$1 = DM 1.66.
1995: \$1 = DM 1.43;	

Further exchange rates are for: Euro (i) /German mark: i 1 = DM 1.95583,  
i /U.S. dollar: i 1 = \$ 1.0836 (4/9/1999),  
U.S. dollar/i : US\$1 = i 0.9226.

Note 3:

Trade data for intra EU trade in tables one through three (balance, PSD and trade matrix for total variety meats) are adjusted by comparing official German trade statistics with official statistics of EU partners and third sources. (Adjustments have been necessary since 1993 because of irregularities in data recording of intra EU trade.) Generally the higher of the available numbers was used. Trade data in tables four through nine (PSD's and trade matrices for cattle, swine and sheep variety meats) are **not** adjusted. The reader may use official statistics of EU partners with Germany and take the higher of the two (for example when comparing German exports to France and French imports from Germany). Under reporting of trade data seems to be more likely (negligence, no reporting requirement for small quantities, fraud to avoid taxes, etc.) than over reporting and thus a higher number more realistic than a lower one.

Official trade numbers for total variety meats are 80 to 100 percent lower for imports and only slightly lower for exports than adjusted numbers. Consequently, consumption figures for cattle and swine variety meats may be higher by the amount corresponding to 80 percent of imports! (For example, official import of cattle variety meats was 6,253 MT in 1997 and total consumption 101,000 MT. Imports may have been short by 5,002 MT (80 percent of 6,253 MT), and consequently total consumption may have been up to 106,000 MT. Official import of swine variety meats was 51,944 MT in 1997 and total consumption 197,000 MT. Imports may have been short by 41,555 MT (80 percent of 51,944 MT), and consequently total consumption may have been up to 238,555 MT. Human consumption needed to be adjusted accordingly.)

Note 4:

PSD's for cattle, swine and sheep variety meats (tables four, six and eight) do not match up with PSD's for total variety meats (table two) for two reasons. First, total variety meats comprises variety meats from not only cattle, swine, sheep, but also horses and others. Second, numbers for total variety meats are adjusted but not for individual products (see Note three above).

Note 5: HS commodity codes used to calculate trade in variety meats:

Cattle variety meats: 0206 1091, 1095, 1099, 2100, 2290, 2991, 2999,  
0210 9041, 9049.

Swine variety meats: 0206 3021, 3031, 3090, 4191, 4199, 4991, 4999,  
0210 9031, 9039.

Sheep variety meats: 0206 8099, 9099,  
0210 9060.

Horse variety meats: 0206 8091, 9091.

Other variety meats: 0210 9080, 9090,  
1601 0010,  
1602 2090, 9010.

Note 6: Conversion factors to convert production of variety meats from slaughter weight (carcass weight equivalent, CWE)

CWE cattle: 8.5 percent,

CWE calf: 16.3 percent,

CWE swine:

- Domestic slaughter: 5.8 percent,

- Industrial slaughter: 5.3 percent,

CWE horses: 3.8 percent,

CWE sheep: 4.4 percent.

For simplicity and efficiency, only conversion factors for cattle (8.5 percent) and swine industrial slaughter (5.3 percent) were used to calculate variety meat production from total CWE beef and veal and CWE pork.

Note 7: Conversion factors to convert trade in product weight into slaughter weight (CWE). Trade data is recorded in product weight. (Conversion is generally 100.0 percent, and therefore it is fair to say that product weight equals CWE for variety meats.)

Table : Variety Meats' HS codes and Conversion Factors

HS codes for Trade in Variety Meats	CWE in percent of product weight
0206 1091	100.0 percent
0206 1095	100.0 percent
0206 1099	100.0 percent
0206 2100	100.0 percent
0206 2290	100.0 percent
0206 2991	100.0 percent
0206 2999	100.0 percent
0206 3021	100.0 percent
0206 3031	100.0 percent
0206 3090	100.0 percent
0206 4191	100.0 percent
0206 4199	100.0 percent
0206 4991	100.0 percent
0206 4999	100.0 percent
0206 8091	100.0 percent
0206 8099	100.0 percent
0206 9091	100.0 percent
0206 9099	100.0 percent
0210 9031	100.0 percent
0210 9039	100.0 percent
0210 9041	100.0 percent
0210 9049	100.0 percent
0210 9060	100.0 percent
0210 9080	100.0 percent
0210 9090	100.0 percent
1601 0010	40 .0 percent
1602 2090	50.0 percent
1602 9010	100.0 percent

Source: Federal Ministry of Agriculture, Referat 215.

Table 1: Balance of Total Variety Meats (in 1,000 MT) - 12-Year History 1/

Calendar Year	1986	1987	1988	1989	1990	1991
Beginning Stocks	0	0	0	0	0	0
Domestic Supply (Net)	330	330	322	309	424	402
Intra EC Imports	44	41	44	44	54	70
Other Imports	12	9	7	8	12	6
TOTAL Imports	56	50	51	52	66	76
TOTAL SUPPLY	386	380	373	361	490	478
Intra EC Exports	37	38	35	42	32	34
Other Exports	7	6	5	6	13	15
TOTAL Exports	44	44	40	48	45	49
Human Dom. Consumption	122	120	123	113	119	112
Other Use, Losses	220	216	210	200	326	264
TOTAL Dom. Consumption	342	336	333	313	445	429
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	386	380	373	361	490	478
Per capita consumption	5.6	5.5	5.4	5.0	5.6	5.4
Human per capita consumption	2.0	2.0	2.0	1.8	1.5	1.4
Calendar Year	1992	1993	1994	1995	1996	1997
Beginning Stocks	0	0	0	0	0	0
Domestic Supply (Net)	350	334	319	318	326	319
Intra EC Imports	83	73	94	94	103	103
Other Imports	6	3	3	3	2	1
TOTAL Imports	89	76	97	97	105	104
TOTAL SUPPLY	439	410	416	415	431	423
Intra EC Exports	30	30	34	40	42	49
Other Exports	9	10	13	8	10	19
TOTAL Exports	39	40	47	48	52	68
Human Dom. Consumption	104	97	98	98	99	91
Other Use, Losses	296	273	271	269	280	264
TOTAL Dom. Consumption	400	370	369	367	379	355
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	439	410	416	415	431	423
Per capita consumption	5.0	4.6	4.5	4.5	4.6	4.3
Human per capita consumption	1.3	1.2	1.2	1.2	1.2	1.1

Source: ZMP (Central Market and Price Reporting Agency), 1/ Note: Break in data series in 1990 due to German unification.

Table 2: PSD of Total Variety Meats (in 1,000 MT) and Average Monthly Import Prices (in US\$ per MT)

		1997		1998		1999
	Old	New	Old	New	Old	New
Marketing Year Begin		01/1997		01/1998		01/1999
Beginning Stocks	0	0	0	0	0	0
Domestic Supply (Net)	319	319	320	320	320	320
Intra EC Imports	103	103	100	100	100	100
Other Imports	1	1	1	1	1	1
TOTAL Imports	104	104	101	101	101	101
TOTAL SUPPLY	423	423	421	421	421	421
Intra EC Exports	49	49	50	50	50	50
Other Exports	19	19	20	20	20	20
TOTAL Exports	68	68	70	70	70	70
Human Dom. Consumption	91	91	89	89	89	89
Other Use, Losses	264	264	262	262	262	262
TOTAL Dom. Consumption	355	355	351	351	351	351
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	423	423	421	421	421	421
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1996	1997	% Change			1996	1997	% Change
Jan	1,450	1,581	9.0%		Jul	1,303	1,345	3.2%
Feb	1,366	1,237	-9.4%		Aug	1,363	1,148	-15.8%
Mar	1,153	1,215	5.4%		Sep	1,377	1,205	-16.6%
Apr	1,499	1,223	-18.4%		Oct	1,507	1,307	-20.0%
May	1,659	1,521	-8.3%		Nov	1,429	1,450	-8.5%
Jun	1,453	1,345	-7.4%		Dec	1,547	1,217	-6.3%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Bonn estimates.



Table 3: Export and Import of Total Variety Meats (in MT)

Imports for	1996		1997		1998
U.S.	215	U.S.	25	U.S.	1
Others		Others		Others	
Netherlands	46,775	Netherlands	35,700	Netherlands	34,000
Belgium/Lux	19,952	Belgium/Lux	22,550	Belgium/Lux	22,000
Austria	15,618	Denmark	20,800	Denmark	20,000
Denmark	14,036	Austria	16,800	Austria	17,000
France	4,241	France	5,126	France	5,000
Sweden	2,116	Italy	3,000	Italy	3,000
Italy	1,639	Spain	2,179	Spain	2,000
Spain	1,532	Ireland	1,200	Ireland	1,200
Ireland	1,363	Great Britain	495	Great Britain	500
Hungary	848	Hungary	442	Hungary	400
Total for Others	108,120	Total for Others	108,292	Total for Others	105,100
Others not listed	1,665	Others not listed	1,697	Others not listed	1,500
Grand Total	110,000	Grand Total	110,014	Grand Total	106,601

Exports for	1996		1997		1998
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Netherlands	14,023	Netherlands	18,417	Netherlands	22,000
France	12,605	France	12,634	France	13,000
Belgium/Lux	4,061	Denmark	4,787	Denmark	5,000
Russia	2,911	Russia	4,195	Russia	5,000
Sweden	2,858	Liechtenstein	3,653	Liechtenstein	3,500
Great Britain	2,800	Sweden	3,483	Sweden	4,000
Italy	2,604	Belgium/Lux	3,480	Belgium/Lux	4,000
Liechtenstein	2,069	Hungary	2,816	Hungary	2,500
Lithuania	1,536	Austria	2,507	Austria	2,500
Austria	1,434	Italy	2,186	Italy	2,500
Total for Others	46,901	Total for Others	58,158	Total for Others	64,000
Others not listed	10,000	Others not listed	10,000	Others not listed	15,000
Grand Total	56,901	Grand Total	68,158	Grand Total	79,000

Source: FAS/Bonn based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Bonn estimate.

Table 4: PSD of Cattle Variety Meats (in 1,000 MT) and Average Monthly Import Prices (in US\$ per MT)

		1997		1998		1999
	Old	New	Old	New	Old	New
Marketing Year Begin		01/1997		01/1998		01/1999
Production Beef (Reference)	1,448	1,448	1,390	1,377	1,335	1,322
Beginning Stocks	0	0	0	0	0	0
Domestic Supply	123	123	118	117	113	112
Intra EC Imports	6	6	12	12	10	10
Other Imports	1	1	1	1	1	1
TOTAL Imports	7	7	13	13	11	11
TOTAL SUPPLY	130	130	131	130	124	123
Intra EC Exports	21	21	20	20	20	20
Other Exports	8	8	7	7	8	8
TOTAL Exports	29	29	27	27	28	28
Human Dom. Consumption	26	26	27	27	23	23
Other Use, Losses	75	75	77	77	73	73
TOTAL Dom. Consumption	101	101	104	104	96	96
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	130	130	131	131	124	124
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1996	1997	% Change			1996	1997	% Change
Jan	2,284	2,842	24.4%		Jul	2,096	939	-55.2%
Feb	1,886	1,770	-6.2%		Aug	1,740	1,134	-34.8%
Mar	2,170	1,429	-34.1%		Sep	1,760	1,031	-41.4%
Apr	2,088	1,569	-24.9%		Oct	1,931	2,054	6.4%
May	3,150	1,941	-38.4%		Nov	2,058	1,576	-23.4%
Jun	1,831	1,389	-24.1%		Dec	1,887	1,771	-6.1%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Bonn estimates.

Table 5: Export and Import of Cattle Variety Meats (in MT)

Imports for	1996		1997		1998
U.S.	23	U.S.	1	U.S.	1
Others		Others		Others	
Netherlands	2,114	Netherlands	2,045	Austria	6,781
France	1,179	France	1,272	Netherlands	1,622
Belgium/Lux	458	Austria	1,079	France	1,289
Denmark	383	Belgium/Lux	662	Belgium/Lux	996
Argentina	207	Denmark	380	Sweden	544
Austria	184	Italy	299	Italy	307
Ireland	128	Argentina	244	Denmark	165
Italy	127	Uruguay	69	Spain	97
Australia	87	Ireland	43	Argentina	91
Sweden	81	Sweden	35	Poland	70
Total for Others	4,948	Total for Others	6,128	Total for Others	11,962
Others not listed	356	Others not listed	124	Others not listed	207
Grand Total	5,327	Grand Total	6,253	Grand Total	12,170

Exports for	1996		1997		1998
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Netherlands	8,466	France	7,589	France	8,191
France	6,890	Netherlands	6,009	Netherlands	3,680
Great Britain	2,154	Liechtenstein	2,742	Austria	2,350
Italy	1,820	Austria	1,765	Liechtenstein	2,000
Liechtenstein	1,554	Hungary	1,563	Italy	1,572
Greece	1,273	Italy	1,483	Great Britain	1,175
Russia	848	Great Britain	1,394	Greece	1,136
Poland	822	Denmark	1,133	Denmark	1,072
Austria	558	Greece	1,068	Ukraine	1,015
South Africa	251	Poland	747	Poland	935
Total for Others	24,636	Total for Others	25,493	Total for Others	23,126
Others not listed	1,757	Others not listed	3,446	Others not listed	4,162
Grand Total	26,393	Grand Total	28,939	Grand Total	27,288

Source: FAS/Bonn based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Bonn estimate.

Table 6: PSD of Swine Variety Meats (in 1,000 MT) and Average Monthly Import Prices (in US\$ per MT)

		1997		1998		1999
	Old	New	Old	New	Old	New
Marketing Year Begin		01/1997		01/1998		01/1999
Production Pork (Reference)	3,562	3,562	3,704	3,811	3,853	3,963
Beginning Stocks	0	0	0	0	0	0
Domestic Supply	189	189	196	202	204	210
Intra EC Imports	51	51	50	50	50	50
Other Imports	1	1	1	1	1	1
TOTAL Imports	52	52	51	51	51	51
TOTAL SUPPLY	241	241	247	253	255	261
Intra EC Exports	27	27	33	33	30	30
Other Exports	10	10	17	17	15	15
TOTAL Exports	37	37	50	50	45	45
Human Dom. Consumption	53	53	54	55	57	59
Other Use, Losses	151	151	143	148	153	157
TOTAL Dom. Consumption	204	204	197	203	210	216
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	241	241	247	253	255	261
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1996	1997	% Change			1996	1997	% Change
Jan	1,081	979	-9.4%		Jul	1,132	1,179	4.2%
Feb	1,043	933	-10.5%		Aug	1,097	977	-10.9%
Mar	834	911	9.2%		Sep	935	1,016	8.7%
Apr	1,024	948	-7.4%		Oct	1,215	1,081	-11.0%
May	1,059	1,102	4.1%		Nov	1,070	1,058	-1.1%
Jun	1,076	1,124	4.5%		Dec	1,034	880	-14.9%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Bonn estimates.

Table 7: Export and Import of Swine Variety Meats (in MT)

Import for	1996		1997		1998
U.S.	193	U.S.	24	U.S.	0
Others		Others		Others	
Netherlands	27,276	Netherlands	23,108	Netherlands	25,039
Denmark	9,742	Denmark	8,970	Belgium/Lux	8,034
Belgium/Lux	9,090	Belgium/Lux	6,659	Denmark	6,548
France	2,146	France	3,473	Austria	3,849
Italy	1,492	Italy	2,550	France	2,610
Spain	1,487	Austria	2,468	Italy	2,199
Hungary	817	Spain	2,371	Spain	1,132
Sweden	637	Ireland	881	Ireland	723
Ireland	560	Hungary	436	Switzerland	385
Austria	224	Great Britain	337	Great Britain	287
Total for Others	53,471	Total for Others	51,253	Total for Others	50,806
Others not listed	440	Others not listed	667	Others not listed	250
Grand Total	54,104	Grand Total	51,944	Grand Total	51,056

Exports for	1996		1997		1998
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Netherlands	4,439	Netherlands	11,231	Netherlands	16,433
Belgium/Lux	3,810	France	3,609	Sweden	4,054
Sweden	2,828	Denmark	3,582	Denmark	4,007
France	2,569	Sweden	3,453	Russia	3,684
Lithuania	1,506	Russia	3,310	France	3,060
Russia	1,450	Belgium/Lux	3,104	Belgium/Lux	2,917
Denmark	718	Hong Kong	1,470	Hong Kong	2,312
Italy	684	Hungary	1,254	Hungary	2,274
Liechtenstein	515	Lithuania	923	Bulgaria	1,800
Great Britain	515	Liechtenstein	911	Liechtenstein	1,489
Total for Others	19,034	Total for Others	32,847	Total for Others	42,030
Others not listed	2,020	Others not listed	4,624	Others not listed	7,903
Grand Total	21,054	Grand Total	37,471	Grand Total	49,933

Source: FAS/Bonn based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Bonn estimate.

Table 8: PSD of Sheep Variety Meats (in 1,000 MT) and Average Monthly Import Prices (in US\$ per MT)

		1997		1998		1999
	Old	New	Old	New	Old	New
Marketing Year Begin		01/1997		01/1998		01/1999
Production Mutton (Reference)	43	43	43	43	0	43
Beginning Stocks	0	0	0	0	0	0
Domestic Supply	2	2	2	2	0	2
Intra EC Imports	0	0	0	0	0	0
Other Imports	0	0	0	0	0	0
TOTAL Imports	0	0	0	0	0	0
TOTAL SUPPLY	2	2	2	2	0	2
Intra EC Exports	0	0	0	0	0	0
Other Exports	0	0	0	0	0	0
TOTAL Exports	0	0	0	0	0	0
Human Dom. Consumption	1	1	1	1	0	1
Other Use, Losses	1	1	1	1	0	1
TOTAL Dom. Consumption	2	2	2	2	0	2
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	2	2	2	2	0	2
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1996	1997	% Change			1996	1997	% Change
Jan	1,772	2,233	26.0%		Jul	1,870	2,651	41.8%
Feb	1,736	2,074	19.5%		Aug	2,018	2,399	18.9%
Mar	1,724	2,210	28.2%		Sep	1,709	2,854	67.0%
Apr	1,690	1,918	13.5%		Oct	1,937	2,440	26.0%
May	1,703	3,704	117.5%		Nov	2,205	3,248	47.3%
Jun	1,814	1,843	1.6%		Dec	1,840	2,059	11.9%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Bonn estimates.

Table 9: Export and Import of Sheep Variety Meats (in MT)

Import for	1996		1997		1998
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Great Britain	157	Great Britain	230	Great Britain	76
New Zealand	37	New Zealand	32	Ireland	51
Ireland	27	Ireland	32	New Zealand	23
Netherlands	6	France	3	Belgium/Lux	4
France	3	Netherlands	1	France	3
Denmark	0	Italy	0	Greece	2
				Spain	2
				Netherlands	1
				Uruguay	1
				Denmark	1
Total for Others	230	Total for Others	298	Total for Others	164
Others not listed	0	Others not listed	0	Others not listed	0
Grand Total	230	Grand Total	298	Grand Total	164

Exports for	1996		1997		1998
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Great Britain	16	Great Britain	4	Netherlands	11
Netherlands	5	Netherlands	3	Denmark	0
Belgium/Lux	2	Denmark	0		
		Czech Republic	0		
Total for Others	23	Total for Others	7	Total for Others	11
Others not listed	0	Others not listed	0	Others not listed	0
Grand Total	23	Grand Total	7	Grand Total	11

Source: FAS/Bonn based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Bonn estimate.

Table 10: Wholesale Prices for Cattle and Swine Livers at Wholesale Market in Hamburg (in DM per kg)

	Cattle Liver			Swine Liver		
	1995	1996	1997	1995	1996	1997
<b>January</b>	4.30	4.50	3.80	2.20	2.12	2.03
<b>February</b>	4.50	4.50	3.80	2.20	2.40	2.10
<b>March</b>	4.70	4.50	3.80	2.20	2.60	2.20
<b>April</b>	4.70	4.50	3.80	2.18	2.58	2.58
<b>May</b>	4.70	4.38	3.80	2.00	2.58	2.85
<b>June</b>	4.70	4.30	3.80	2.00	2.60	2.30
<b>July</b>	4.70	4.28	3.80	2.00	2.46	2.28
<b>August</b>	4.70	4.05	3.80	2.12	2.20	2.33
<b>September</b>	4.65	4.00	3.80	2.20	2.00	2.46
<b>October</b>	4.50	3.84	3.80	2.40	2.12	2.45
<b>November</b>	4.50	3.80	3.80	2.40	2.10	2.40
<b>December</b>	4.50	3.80	3.80	2.30	2.17	2.35
<b>Year Average</b>	4.60	4.20	3.80	2.18	2.33	2.36

Source: ZMP (Central Market and Price Reporting Agency).

Table 11: U.S. Exports of Variety Meats to Germany (in 100 kg, US\$ 1,000)

	1996		1997		1998	
	100 kg	US\$ 1,000	100 kg	US\$ 1,000	100 kg	US\$ 1,000
<b>0206 1091</b>	-	-	2	1	-	-
<b>0206 1099</b>	4	3	-	-	-	-
<b>0206 2290</b>	-	-	6	3	4	3
<b>0206 2999</b>	222	9	1	2	5	1
<b>0206 4991</b>	1,924	390	242	42	-	-
<b>Total</b>	2,154	402	251	48	9	4

Source: FAS/Bonn based on official data from the German Federal Office of Statistics in Wiesbaden.