



Foreign Agricultural Service

GAIN Report

Global Agriculture Information Network

Required Report - public distribution

Date: 8/14/2000

GAIN Report #KS0096

Korea, Republic of

Poultry and Products

Annual

2000

Approved by: **Michael T. Henney**
U.S. Embassy, Seoul

Prepared by: Seung Ah Chung

Report Highlights: Korea's economy is well into a recovery mode. During the first half of 2000 Korea's experienced rapidly rising demand for poultry products. An over supply situation has since developed, leading to a softening of domestic prices for poultry meat but not for eggs. Korea's Foot & Mouth disease outbreak had minimal impact on consumption as the large expected shift in consumer demand for poultry meat did not materialize. Competitively-priced imported poultry, sourced primarily from the U.S., is projected to reach nearly 15 percent of domestic production. Korea's egg industry is in turmoil while its turkey production remains insignificant.

Includes PSD changes: Yes
Includes Trade Matrix: Yes
Annual Report
Seoul [KS1], KS

SECTION I: SITUATION AND OUTLOOK	2
SECTION II: STATISTICAL TABLES	4
PSD - Total Poultry Meat	4
PSD - Poultry Meat, Chicken	5
PSD - Turkey Meat	6
PSD - Eggs	7
Korea: Per Capita Consumption of Livestock Products	8
INVENTORY AND PRODUCTION TABLES	8
Korea: Number of Broilers 1/	8
Korea: The Supply of Broiler Breeder Per Month	9
Korea: Broiler Inventories 1/	9
Korea: Other Poultry Inventories 1/	10
Korea: Broiler Productivity 1/	10
Korea: Production Costs of Broilers 1/	11
Korea: Production Cost of Broilers	12
Korea: Compound Feed Wholesale Prices	13
Korea: Compound Feed Production for Poultry	13
Korea: Chicken Operations by Flock Size 1/	14
Korea: Number of Chickens by Flock Size 1/	15
Korea: The Comparison of Broiler Production Cost: By Flock Size	16
Korea: Poultry Eggs Production	16
Korea: Number of Layers & Breeders	17
Korea: Number of Total Chicken Per Age - 1998	17
Korea: Number of Total Chicken per Age - 1999	17
Korea: Number of Total Chicken Per Age - 2000	18
Korea: Egg Production Cost (Krw/10 pieces) 1/	18
Korea: Layer Productivity 1/	19
Korea: Monthly Compound Feed Production - Layers & Breeders	19
PRICE TABLES	20
Korea: Year Average Broiler Prices	20
Korea: Calendar Year Average Egg Prices	20
Korea: Farm Price for Chicken Meat	21
Korea: Wholesale Price for Chicken Meat 1/	22
Korea: Consumer Price for Chicken Meat 1/	23
Korea: Farm Price for Eggs	24
Korea: Wholesale Price for Egg 1/	25
Korea: Monthly Retail Egg Prices 1/	26
Korea: Monthly Average Foreign Exchange Rate	26
IMPORT & EXPORT TRADE MATRIX	27
Import Matrix for Total Poultry Meat	27
Import Matrix for Chicken Meat	28
Import Matrix for Turkey Meat	29
Import Matrix for Other Poultry Meat	30
Export Matrix for Total Poultry Meat	31
Import Matrix for Cooked Poultry Product	32
Import Matrix for Breeding Eggs	33
Import Matrix for Fresh Egg in Shell Other Than Breeding Egg	34
Import Matrix for Cooked Egg in Shell	34

Import Matrix for Egg Yolk, Dried	35
Import Matrix for Egg Yolk, Other Than Dried	36
Import Matrix for Other than Yolk	37
Import Matrix for Egg Albumin	38
Import Matrix for Egg Albumin - Other Than Dried	39

SECTION I: SITUATION AND OUTLOOK

Since early 1999, Korea's economy has been in a recovery mode. The Korean currency and domestic prices remain stable, and demand for poultry products from the food business sector -- hotels, restaurants, institutions and retail outlets -- is on the up-tick. Domestic production has been expanding to meet the rising demand.

During the first half of 2000 domestic broiler and layers production was strong, enabling producers to forget the market's crash in 1998. June 2000 inventories exceed the 1999 record year-end bird levels. While normal for producers to expand flocks during the second quarter, the record quantity reflects industry expectation for strong consumer demand over the peak summer period. Dark clouds are now, however, appearing on the market as increased domestic production and higher imports have resulted in an over supply situation. Farm-gate prices are starting to falter. We expect domestic production to enter a down phase this fall, to allow the market time to right-size supplies again.

Domestic poultry production remains geared for a market demanding a smaller bird (1.0-1.2 kilograms). In 1997, both layer and broiler producers invested heavily in state-of-the-art facilities and advanced production technology that favored production of the smaller bird. With the passing of the economic crisis, production indicators, such as daily weight gain, grow-out period and feed conversion ratios have shown a steady improvement while input costs have declined on average. Weakening farm-gate prices, however, is threatening some producers' ability to service high facility debt. While some producers are openly questioning the economic rational for the market's infatuation with the smaller avian, other more-fully integrated producer cooperatives and private companies are simply raising retail prices to overcome farm-gate sale losses.

In May 2000, local health authority issued this year's first New Castle disease alert. By June, MAF reported 623,858 birds on 43 farms infected with the disease. MAF blames a lack of vaccine and its improper application for the tripling of infections reported thru June 2000 versus all of 1999.

The Foot & Mouth disease (FMD) outbreak in March 2000 had minimal impact on supply and demand of poultry meat. Some industry analyst expected consumers to shift to alternative meats, mostly poultry, with the outbreak but that did not occur. It turns out most consumers surveyed by local retailers note perceiving chicken as another meat different from red meat, but not an alternative for red meat.

In 2000, poultry imports are projected to reach nearly 15 percent of domestic production. Imports have been strong since the beginning of this year as import prices remain very competitive with domestic poultry. Korea mostly consumes imported poultry in the food service sector striving to meet rising demand from consumers eating out more as the economy strengthens, and in the processed food sector producing further processed poultry for retail distribution. Low price, consistent supply, and uniform quality are the marketing points influencing purchasing decisions in these two sectors. Fresh poultry, however, remains the preference of choice for the Korean consumer purchasing at retail. Low-cost products from China and Thailand promise to offer stiff competition for U.S. suppliers in this market.

On May 4, 2000, the Korean Ministry of Agriculture & Forestry (MAF) lifted the import ban on Chinese poultry and poultry products. Imports from China, other than duck meat, have been insignificant to date as MAF has approved only four Chinese poultry plants to export to Korea. Before China's ban in 1997 due to the Hong Kong Avian

Influenza outbreak, more than 40 Chinese poultry plants had approval to export to Korea. China then controlled over half the import market.

In 2000, consumer confidence in the economy is growing, in the process driving an increase in pursuit of luxury activities (such as dining at restaurants where Koreans consume most high-quality and imported products). Major family-style restaurants, fast food chains, hyper markets and discount stores, all in turn, are engaged in expansion programs trying to tap consumers' increased willingness to spend. Poultry meat does have a distinct advantage over its red meat competitors, as Koreans view it as healthier meat. Because of its image, and cheaper price, demand for it is growing at a faster pace than that for other meats. Family-style restaurants are given substantial credit for increasing demand for poultry products among the younger generation.

To encourage greater consumption, processors are developing and marketing new ready-to-cook (RTC) convenience products such as chicken nuggets, cartoon character-shaped chicken nuggets, etc. Housewives seeking ways to create more family time are driving the expansion in the RTC processed poultry sectors. Expanding growth in the RTC leads poultry retails sales followed by fresh poultry meat. Large vertically-integrated private companies producing high quality products are capturing a majority share of the high-end branded market on the retail side.

Korea's egg industry is in turmoil. Over production and weak demand are driving farm-gate prices ever down. Farmers who invested heavily in layer production facilities and advanced production technologies in 1997 now must repay government loans. Producers continue to expand production, further exacerbating the current oversupply situation, to meet payment obligations. These producers, by mid-1999, had expanded Korea's layer flock to a size matching that in existence before the country's 1998 economic crisis. By December 1999 the farm-gate price for eggs had collapsed as egg production increased uncontrolled as the national layer flock grew. Unlike the broiler industry, the layer industry contains only three fully integrated farms. These farms represent about three percent of total domestic egg production suggesting the difficulty of trying to manage domestic egg production.

Demand for eggs further weakened this year with the introduction of the school catering service program. Eggs used to be a common side dish in the school lunch box prepared at home. However, school catering services tend not to use eggs as they are a potential source of food poisoning. To help reduce the country's egg surplus, the National Livestock Cooperative Federation donated 20,000,000 pieces of fresh egg to North Korea.

Though the egg market may be saturated, consumers are still showing a willingness to purchase high cost specialty egg products, such as nutrient fortified eggs, organic eggs, etc.

With an over supply situation in existence, no one expects the import egg market in 2000 to expand as rapidly as originally projected. Per terms of its contract Korea has imported 1,535,000 pieces of chilled shell eggs for human consumption from the U.S. and Thailand again this year. However, the eggs were uncompetitive locally due to high shipping and related marketing costs.

Turkey production remains insignificant. In 1999, the year-end inventory stood at 8,192 birds on 867 farms. Demand from Western style restaurants during the main holiday seasons is, right now, the only real market for the large bird. Producers remain hesitant to invest heavily in turkey production because of the market situation. Mechanically deboned turkey meat (MDTM) has been a primary raw ingredient in sausage for many years but this market is shrinking under greater competition from low-priced domestic pork.

SECTION II: STATISTICAL TABLES

PSD - Total Poultry Meat

PSD Table						
Country	Korea, Republic of					
Commodity	Poultry, Meat, Total				(1000 MT)(MIL HEAD)	
	Revised	1999	Preliminary	2000	Forecast	2001
	Old	New	Old	New	Old	New
Market Year Begin		01/1999		01/2000		01/2001
Inventory (Reference)	42	49	44	50	0	52
Slaughter (Reference)	357	397	370	406	0	415
Beginning Stocks	5	5	5	5	5	5
Production	440	462	455	473	0	482
Whole, Imports	1	0	2	0	0	0
Parts, Imports	48	56	55	64	0	70
Intra EC Imports	2	1	3	1	0	1
Other Imports	47	55	54	63	0	69
TOTAL Imports	49	56	57	64	0	70
TOTAL SUPPLY	494	523	517	542	5	557
Whole, Exports	0	0	0	1	0	0
Parts, Exports	2	1	3	0	0	1
Intra EC Exports	0	0	0	0	0	0
Other Exports	2	1	3	1	0	1
TOTAL Exports	2	1	3	1	0	1
Human Consumption	487	517	509	536	0	551
Other Use, Losses	0	0	0	0	0	0
Total Dom. Consumption	487	517	509	536	0	551
TOTAL Use	489	518	512	537	0	552
Ending Stocks	5	5	5	5	0	5
TOTAL DISTRIBUTION	494	523	517	542	0	557
Calendar Yr. Imp. from U.S.	31	47	27	51	0	0

PSD - Poultry Meat, Chicken

PSD Table						
Country	Korea, Republic of					
Commodity	Plty, Meat, Chicken -16 wks			(1000 MT)(MIL HEAD)		
	Revised	1999	Preliminary	2000	Forecast	2001
	Old	New	Old	New	Old	New
Market Year Begin		01/1999		01/2000		01/2001
Inventory (Reference)	39	44	40	45	0	46
Slaughter (Reference)	325	373	338	381	0	389
Beginning Stocks	5	5	5	5	5	5
Production	380	390	390	400	0	408
Whole, Imports	1	0	2	0	0	1
Parts, Imports	39	46	43	52	0	55
Intra EC Imports	0	0	0	0	0	0
Other Imports	40	46	0	52	0	56
TOTAL Imports	40	46	45	52	0	56
TOTAL SUPPLY	425	441	440	457	5	469
Whole, Exports	0	0	0	0	0	0
Parts, Exports	2	1	3	1	0	2
Intra EC Exports	0	0	0	0	0	0
Other Exports	0	0	0	0	0	0
TOTAL Exports	2	1	3	1	0	2
Human Consumption	418	435	432	451	0	462
Other Use, Losses	0	0	0	0	0	0
Total Dom. Consumption	418	435	432	451	0	462
TOTAL Use	420	436	435	452	0	464
Ending Stocks	5	5	5	5	0	5
TOTAL DISTRIBUTION	425	441	440	457	0	469
Calendar Yr. Imp. from U.S.	30	41	18	44	0	0

PSD - Turkey Meat

PSD Table						
Country	Korea, Republic of					
Commodity	Poultry, Meat, Turkey			(1000 MT)(MIL HEAD)		
	Revised	1999	Preliminary	2000	Forecast	2001
	Old	New	Old	New	Old	New
Market Year Begin		01/1999		01/2000		01/2001
Inventory (Reference)	0	0	0	0	0	0
Slaughter (Reference)	0	0	0	0	0	0
Beginning Stocks	0	0	0	0	0	0
Production	0	0	0	0	0	0
Whole, Imports	0	0	0	0	0	0
Parts, Imports	9	9	12	9	0	10
Intra EC Imports	0	1	0	0	0	1
Other Imports	0	8	0	0	0	9
TOTAL Imports	9	9	12	9	0	10
TOTAL SUPPLY	9	9	12	9	0	10
Whole, Exports	0	0	0	0	0	0
Parts, Exports	0	0	0	0	0	0
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 Consumption	9	9	12	9	0	10
Other Use, Losses	0	0	0	0	0	0
Total Dom. Consumption	9	9	12	9	0	10
TOTAL Use	9	9	12	9	0	10
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	9	9	12	9	0	10
Calendar Yr. Imp. from U.S.	6	7	9	8	0	9

PSD - Eggs

PSD Table						
Country	Korea, Republic of					
Commodity	Poultry, Eggs			(MIL HEAD)(MIL PCS)		
	Revised	1999	Preliminary	2000	Forecast	2001
	Old	New	Old	New	Old	New
Market Year Begin		01/1999		01/2000		01/2001
Layers	51	55	52	57	0	57
Beginning Stocks	40	40	40	40	40	40
Production	8585	8562	8757	8600	0	8610
Hatch Eggs, Imports	0	0	0	0	0	0
Shell Eggs, Imports	7	9	8	10	0	11
Other Imports	40	33	45	35	0	37
Intra EC Imports	8	3	9	3	0	4
TOTAL Imports	47	42	53	45	0	48
TOTAL SUPPLY	8672	8644	8850	8685	40	8698
Hatch Eggs, Exports	0	0	0	0	0	0
Shell Eggs, Exports	0	0	0	0	0	0
Other Exports	0	0	0	0	0	0
Intra EC Exports	0	0	0	0	0	0
TOTAL Exports	0	0	0	0	0	0
Hatch Eggs, Consumption	447	501	456	520	0	520
Shell Eggs, Human	8135	8060	8299	8080	0	8091
Shell Eggs, OT, Use/Loss	10	10	10	10	0	10
Other Dom. Consumption	40	33	45	35	0	37
Total Dom. Consumption	8632	8604	8810	8645	0	8658
TOTAL Use	8632	8604	8810	8645	0	8658
Ending Stocks	40	40	40	40	0	40
TOTAL DISTRIBUTION	8672	8644	8850	8685	0	8698
Calendar Yr. Imp. from U.S.	21	18	24	19	0	20

Korea: Per Capita Consumption of Livestock Products

(Unit: gram, boneless basis)

Year	Total Meat	Beef	Pork	Chicken	Egg
1995	27,447	6,720	14,750	5,977	10,130
1996	28,800	7,136	15,402	6,262	10,384
1997	29,297	7,930	15,300	6,067	10,375
1998	28,149	7,441	15,100	5,608	9,825
1999	30,540	8,381	16,120	6,039	9,852

Source: Ministry of Agriculture & Forestry

INVENTORY AND PRODUCTION TABLES**Korea: Number of Broilers 1/**

(Unit: 1,000 Birds)

Year	March	June	Sept.	Dec.	Average
1986	15,476	20,038	20,931	16,039	18,121
1990	17,566	28,177	26,755	27,987	25,121
1995	29,609	45,762	37,402	34,584	36,839
1996	31,327	49,842	39,224	31,700	38,023
1997	33,280	48,271	38,219	35,562	38,833
1998	33,651	43,043	34,370	35,824	36,722
1999	37,751	53,940	44,511	38,256	43,615
2000	43,684	62,586			

1/ Includes multi-use chickens raised on small farms.

Source: Ministry of Agriculture & Forestry

Korea: The Supply of Broiler Breeder Per Month

(Unit: 1,000 Birds)

Month/Year	1996	1997	1998	1999	2000
January	240	327	250	212	224
February	444	426	188	329	376
March	494	395	273	379	394
April	374	325	309	381	320
May	324	337	256	308	240
June	343	252	250	317	219
July	393	315	285	279	
August	495	464	342	351	
September	285	403	317	388	
October	367	297	296	290	
November	230	175	236	171	
December	194	232	242	120	

Source: Korea Poultry Association

Korea: Broiler Inventories 1/

(Unit: 1,000 birds)

Year	Farms	Birds
1990	3,547	26,935
1994	2,740	30,243
1995	2,544	33,075
1996	2,060	30,381
1997	1,916	34,427
1998	1,821	34,617
1999	1,895	36,558
2000 2/	2,859	59,910

1/ End of year inventories excluding multi-use chicks

2/ As of June, 2000

Source: Ministry of Agriculture & Forestry

Korea: Other Poultry Inventories 1/

(Household / Head)

Year	Turkey		Geese		Ducks	
	Farms	Birds	Farms	Birds	Farms	Birds
1990	829	6,033	607	2,622	13,804	716,871
1995	1,074	10,648	1,035	6,006	9,485	2,356,903
1996	907	8,096	1,104	6,176	8,624	3,464,872
1997	769	9,616	1,124	6,191	9,028	2,709,431
1998	837	8,141	1,286	9,955	8,820	3,167,214
1999	867	8,912	1,538	11,722	12,673	4,787,207

1/ End of year inventories.

Source: Ministry Agriculture & Forestry

Korea: Broiler Productivity 1/

Year	Daily Gains (gram)	Feeding Days	Death Rate (%) 2/
1980	28.9	65.0	9.8
1985	33.3	55.5	5.1
1990	38.0	48.2	4.2
1994	37.8	47.4	8.0
1995	38.4	44.3	3.7
1996	38.6	43.9	4.1
1997	38.8	43.2	3.9

1/ Data since 1998 is not available.

2/ Death rate due to disease.

Source: National Livestock Cooperative Federation

Korea: Production Costs of Broilers 1/

(Krw/Kg in live weight)

Year	Operating Cost	Production Cost	Farm Price
1980	741	829	834
1985	831	907	961
1990	850	968	1,018
1994	833	964	1,287
1995	919	1,046	1,242
1996	964	1,098	1,174
1997	949	1,085	1,138
1998	1,126	1,199	1,331
1999	1,017	1,080	1,209

1/ Calculated on an Oct/Sept. basis between 1988 and 1997.

Calculated on calendar year basis since 1998.

Production cost equals operating cost plus family labor and interest charges on loans.

Source: Ministry of Agriculture & Forestry

Korea: Production Cost of Broilers

(Krw/Kg in live weight)

Item	1996/97 1/		CY 1998		CY 1999	
	Average cost	Component ratio	Average cost	Component ratio	Average cost	Component ratio
Feed	675	62	714	59	582	54
Chicks	154	14	238	20	274	25
Family Labor	112	10	62	5	54	5
Vet & Medicine	28	3	n/a	-	37	4
Water, Power, etc.	20	2	n/a	-	43	4
Other	101	9	192	16	94	8
Total	1,090	100	1,206	100	1,084	100
By Product	4	-	7		4	
Cost Total	1,086	-	1199		1,080	

1/ Survey is based on October - September period.

Source: Ministry of Agriculture & Forestry

Korea: Compound Feed Wholesale Prices

(Krw per Kg)

Year	For Chicks Starting	For Layers Starting	For Broilers Starting
1990	218	179	241
1995	235	202	256
1996	227	232	282
1997	284	245	307
1998	350	312	386
1999	287	256	324
2000 1/	265	244	301

1/ As of April, 2000

Source: National Livestock Cooperative Federation

Korea: Compound Feed Production for Poultry

(1,000 MT)

Year	Chicks	Layers 1/	Broilers	Total
1990	347	1,785	1,143	3,274
1995	389	2,016	1,360	3,766
1996	359	2,080	1,410	3,849
1997	360	2,016	1,386	3,763
1998	307	1,888	1,228	3,423
1999	377	2,030	1,438	3,845
2000	138	901	596	1,635

1/ Includes breeders.

2/ As of May 2000

Source: Korea Poultry Association

Korea: Chicken Operations by Flock Size 1/

Year	Total	Below 1,000	1,000-4,999	5,000-9,999	10,000-29,999	30,000-49,999	Over 50,000
1980	692,219	683,208	7,131	1,272	608	46	26
1985	302,775	296,132	3,911	1,709	876	125	72
1990	161,357	154,656	2,162	2,299	1,941	179	120
1995	203,414	198,265	1,024	1,450	1,984	481	210
1996	187,467	182,995	829	911	2,032	479	221
1997	162,423	158,261	653	772	1,891	568	278
1998	168,060	163,947	485	1,001	1,765	581	281
1999	209,767	205,589	431	984	1,769	662	332
2000 2/	199,801	195,229	515	932	2,070	723	332

1/ End of year numbers

2/ As of March 2000

Source: Ministry of Agriculture & Forestry

Korea: Number of Chickens by Flock Size 1/

(1,000 birds)

Year	Total	Below 1,000	1,000-4,999	5,000-9,999	10,000-29,999	30,000-49,999	Over 50,000
1980	40,130	5,749	15,200	10,642	8,539	1,663	3,557
1985	51,081	1,521	9,988	11,307	13,447	4,474	10,334
1990	74,463	1,483	6,044	15,762	28,899	6,628	15,647
1995	85,800	1,790	2,580	10,894	32,817	17,514	20,206
1996	82,829	1,593	2,089	6,808	33,474	17,266	21,599
1997	88,252	1,352	1,612	5,665	32,094	20,523	27,006
1998	85,848	1,391	1,397	7,301	30,407	21,210	24,142
1999	94,587	1,998	1,562	7,155	30,633	24,163	29,076
2000 2/	99,891	1,591	1,369	6,625	34,555	26,190	29,561

1/ End of year inventories

2/ As of March 2000

Source: Ministry of Agriculture & Forestry

Korea: The Comparison of Broiler Production Cost: By Flock Size

(Krw/Kg in live weight)

Flock size	1995/96	1996/97	1998	1999
Below 5,000	1,169	1,160	N/A	1,204
5,000 - 20,000	1,116	1,110	N/A	1,124
Over 20,000	1,065	1,055	N/A	1,072
Average	1,098	1,085	N/A	1,080

Source: Ministry of Agriculture & Forestry

Korea: Poultry Eggs Production

(Million Pieces)

Year	Chicken	Duck	Total
1993	8,149 (448)	47	8,196
1994	8,036 (442)	58	8,094
1995	8,252 (454)	77	8,329
1996	8,545 (470)	101	8,646
1997	8,673 (477)	114	8,787
1998	8,291 (456)	122	8,413
1999	8,398 (462)	164	8,562

Note: Egg number is calculated from the figures in parentheses, which is 1,000 MT weight basis.

Conversion factor is 55 grams per egg.

Source: Ministry of Agriculture & Forestry

Korea: Number of Layers & Breeders

(Unit: 1,000 Birds)

Year	March	June	Sept.	Dec.	Average
1990	41,386	43,663	44,749	46,476	44,069
1995	48,433	51,445	51,908	51,215	50,750
1996	51,781	52,737	51,420	51,130	51,767
1997	52,430	53,228	53,737	52,689	53,021
1998	52,261	50,307	48,722	50,023	50,328
1999	52,055	54,511	56,056	56,332	54,739
2000	56,207	56,187			

Source: Ministry of Agriculture & Forestry

Korea: Number of Total Chicken Per Age - 1998

(1,000 Birds)

Age / Month	March	June	Sept.	Dec.
Less than 3 months	39,027	49,437	38,907	42,600
3 to 6 months	7,345	6,605	8,340	6,633
Over than 6 months	39,540	37,309	35,844	36,614
Total	85,912	93,351	83,091	85,847

Source: Ministry of Agriculture & Forestry

Korea: Number of Total Chicken per Age - 1999

(1,000 Birds)

Age / Month	March	June	Sept.	Dec.
Less than 3 months	43,304	61,681	51,933	44,859
3 to 6 months	9,210	8,280	8,444	9,689
Over than 6 months	37,292	39,090	40,190	40,039
Total	89,806	108,451	100,567	94,587

Source: Ministry of Agriculture & Forestry

Korea: Number of Total Chicken Per Age - 2000

(1,000 Birds)

Age / Month	March	June	Sept.	Dec.
Less than 3 months	49,912	69,083	-	-
3 to 6 months	7,396	8,300	-	-
Over than 6 months	42,583	41,390	-	-
Total	99,891	118,773	-	-

Source: Ministry of Agriculture & Forestry

Korea: Egg Production Cost (Krw/10 pieces) 1/

Year	Operating Cost	Production Cost	Farm Price 2/
1980	353	400	334
1985	434	472	475
1990	419	486	576
1993/94	454	522	581
1994/95	487	555	681
1995/96	539	612	679
1996/97	575	650	729
1998	815	865	859
1999	721	774	778

1/ Calculated on an October - September basis between 1993 and 1997.

Others calculated on a calendar year basis.

Production cost equals operating cost plus family labor and interest charges on loans.

2/ Prices are on a calendar year basis.

Source: Ministry of Agriculture & Forestry

Korea: Layer Productivity 1/

Year	Laying ratio(%) 2/	Success rate(%) 3/	Egg weight (g)
1980	66.6	92.6	58.76
1985	67.4	97.0	59.30
1990	72.2	97.9	60.50
1994	73.2	93.8	60.33
1995	75.3	96.2	60.50
1996	75.3	97.4	60.55
1997	75.6	97.6	60.59

1/ Data since 1998 is not available.

2/ Average number eggs produced per hundred days.

3/ Percentage of layer chicks growing to full maturity.

Source: National Livestock Cooperative Federation

Korea: Monthly Compound Feed Production - Layers & Breeders

(1,000 MT)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1990	148	142	157	150	154	146	133	136	154	145	149	170	1785
1995	166	165	179	175	177	164	151	152	169	174	172	183	2016
1996	182	179	178	186	177	156	168	164	163	171	170	186	2080
1997	177	164	176	180	178	155	156	157	157	171	159	186	2016
1998	163	148	169	165	155	156	144	145	159	158	151	174	1888
1999	166	159	176	179	170	161	162	155	164	168	176	193	2030
2000	185	174	187	178	176	159							

Source: Ministry of Agriculture & Forestry

PRICE TABLES**Korea: Year Average Broiler Prices**

(Krw/Kg)

Year	1994	1995	1996	1997	1998	1999	2000 3/
Producer price 1/	1287	1242	1174	1138	1331	1209	1186
Wholesale price 2/	2189	2090	2174	2250	2544	2340	2341
Consumer price 2/	2659	2778	2782	2637	2946	2831	2902

1/ Live weight

2/ Average prices for Seoul area, dressed weight (RTC)

3/ Average price, January through May, 2000

Source: National Livestock Cooperative Federation

Korea: Calendar Year Average Egg Prices

(Krw/10 pieces, large eggs)

Year	1994	1995	1996	1997	1998	1999	2000 2/
Producer price	581	681	679	729	859	778	585
Wholesale price 1/	640	732	709	777	913	865	678
Consumer price 1/	849	951	959	955	1057	921	771

1/ Average prices for Seoul area

2/ Average price, January through May, 2000

Source: National Livestock Cooperative Federation

Korea: Farm Price for Chicken Meat

Commodity	Chicken Meat, Farm Price			Unit: Krw/Kg	
	Year	1998	1999		2000
Month					comparing to previous year
Jan.		1,248	1,422	1,218	-14%
Feb.		1,441	1,554	1,231	-20%
Mar.		1,662	1,535	1,097	-28%
Apr.		1,363	1,626	1,228	-24%
May		1,294	1,259	1,156	-8%
Jun.		1,167	1,019		-13%
Jul.		1,390	1,184		-14%
Aug.		1,238	1,393		12%
Sep.		1,101	887		-19%
Oct.		1,233	837		-32%
Nov.		1,382	767		-44%
Dec.		1,450	1,023		-29%

Source: National Livestock Cooperative Federation

Korea: Wholesale Price for Chicken Meat 1/

Commodity	Chicken Meat, Wholesale Price			Unit: Krw/Kg	
	Year	1998	1999		2000
Month					comparing to previous year
Jan.		2,346	2,654	2,397	-9%
Feb.		2,795	2,854	2,333	-18%
Mar.		3,020	2,900	2,241	-22%
Apr.		2,585	2,909	2,438	-16%
May		2,506	2,370	2,297	-3%
Jun.		2,256	2,100		-7%
Jul.		2,627	2,373		-9%
Aug.		2,407	2,547		5%
Sep.		2,214	1,877		-15%
Oct.		2,398	1,843		-23%
Nov.		2,653	1,731		-34%
Dec.		2,723	2,152		-20%

1/ Average consumer prices in Seoul area

Source: National Livestock Cooperative Federation

Korea: Consumer Price for Chicken Meat 1/

Commodity	Chicken Meat, Consumer Price			Unit: Krw/Kg	
	Year	1998	1999		2000
Month					comparing to previous year
Jan.		2,863	3,256	2,806	-13%
Feb.		2,944	3,000	2,941	-1%
Mar.		3,379	3,000	2,740	-8%
Apr.		2,894	3,000	2,921	-2%
May		2,867	2,919	3,100	6%
Jun.		2,812	2,607		-7%
Jul.		3,129	2,700		-13%
Aug.		2,819	2,947		4%
Sep.		2,756	2,773		0%
Oct.		2,851	2,483		-12%
Nov.		2,917	2,557		-12%
Dec.		3,126	2,731		-12%

1/ Average consumer prices in Seoul area

Source: National Livestock Cooperative Federation

Korea: Farm Price for Eggs

Commodity	Eggs, Farm Price			
	Unit: 10 Eggs in large size			
Year	1998	1999	2000	% Change
Month				comparing to previous year
Jan.	1,067	890	670	-24%
Feb.	877	1,056	616	-41%
Mar.	895	936	550	-41%
Apr.	792	941	550	-41%
May	678	848	541	-36%
Jun.	767	719		-6%
Jul.	716	613		-14%
Aug.	819	668		-18%
Sep.	1,004	716		-28%
Oct.	949	607		-36%
Nov.	852	657		-22%
Dec.	895	678		-24%

Source: National Livestock Cooperative Federation

Korea: Wholesale Price for Egg 1/

Commodity	Egg, Wholesale Price			Unit: 10 Eggs in large size
Year	1998	1999	2000	% Change
Month				comparing to previous year
Jan.	1,120	990	796	-19%
Feb.	919	1,098	730	-33%
Mar.	962	980	657	-32%
Apr.	842	1,046	628	-39%
May	735	917	581	-36%
Jun.	837	805		-4%
Jul.	770	729		-5%
Aug.	906	800		-11%
Sep.	1,048	778		-25%
Oct.	980	727		-25%
Nov.	886	764		-13%
Dec.	952	777		-18%

1/ Average wholesale price in Seoul area

Source: National Livestock Cooperative Federation

Korea: Monthly Retail Egg Prices 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1995	846	867	948	992	1000	958	808	910	1043	1050	1008	1000
1996	937	993	1000	1000	973	910	932	946	1061	929	895	936
1997	950	894	940	985	943	930	937	980	955	913	974	1056
1998	1240	1193	1102	1045	950	964	912	970	1147	1108	1037	1021
1999	977	1100	1072	1012	1005	978	849	833	862	760	794	814
2000	834	813	764	720	723							

1/ Retail prices for Seoul area, Krw / 10 large eggs.

Source: National Livestock Cooperative Federation

Korea: Monthly Average Foreign Exchange Rate

(Unit: Krw / 1US\$)

Month	1998	1999	2000
January	1706.80	1176.94	1131.07
February	1623.06	1186.81	1128.80
March	1505.28	1229.16	1117.19
April	1391.97	1208.94	1109.76
May	1394.62	1197.00	1120.01
June	1397.18	1169.63	1118.73
July	1300.77	1186.04	
August	1303.22	1199.79	
September	1370.80	1196.97	
October	1336.72	1206.38	
November	1294.13	1177.22	
December	1213.65	1138.39	

IMPORT & EXPORT TRADE MATRIX**Import Matrix for Total Poultry Meat**

Import Trade Matrix				
Country: Korea				
Commodity: Total Poultry Meat			Unit: MT & U\$1,000, RTC	
basis				
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	46,737	38,016	31,048	24,190
Others				
Thailand	7,225	15,420	4,361	8,380
France	1,263	1,031	74	101
Canada	1,024	670	576	444
Germany	47	49	0	0
P.R.C.	24	16	191	363
Australia	8	21	25	16
Hong Kong	9	24	0	0
Denmark	0	0	106	85
Total for Others	9,600	17,231	5,333	9,389
Grand Total	56,337	55,247	36,381	33,579

Source: Korea Customs Service

Import Matrix for Chicken Meat

Import Trade Matrix				
Country: Korea				
Commodity: Chicken Meat			Unit: MT & U\$1,000, RTC basis	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	39,587	31,162	27,557	20,541
Others				
Thailand	5,251	9,655	3,140	5,357
Canada	190	108	94	67
France	-	7	0	0
Germany	47	49	0	0
Australia	8	21	25	16
Hong Kong	9	24	0	0
P.R.C.	24	16	0	0
Denmark	0	0	106	85
Total for Others	5,529	9,880	3,365	5,525
Grand Total	45,116	41,042	30,922	26,066

Source: Korea Customs Service

Import Matrix for Turkey Meat

Import Trade Matrix				
Country: Korea				
Commodity: Turkey Meat			Unit: MT & U\$1,000, RTC basis	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	7,053	6,481	3,418	3,329
Others				
France	1,260	929	72	60
Canada	834	562	482	377
Thailand	12	32	0	0
Total for Others	2,106	1,523	554	437
Grand Total	9,159	8,004	3,972	3,766

Source: Korea Customs Service

Import Matrix for Other Poultry Meat

Import Trade Matrix				
Country: Korea				
Commodity: Other Poultry Meat			Unit: MT & U\$1,000, RTC	
basis				
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	97	373	73	320
Others				
P.R.C.	0	0	191	363
Thailand	1,962	5,733	1,221	3,023
France	3	95	2	41
Total for Others	1,965	5,828	1,414	3,427
Grand Total	2,062	6,201	1,487	3,747

Source: Korea Customs Service

Export Matrix for Total Poultry Meat

Export Trade Matrix				
Country: Korea				
Commodity: Total Poultry Meat			Unit: MT & U\$1,000, RTC	
basis				
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	0	0	0	0
Others				
Hong Kong	451	433	560	599
P.R.C.	280	264	140	156
Japan	132	299	72	151
Others			3	7
Total for Others	863	996	775	913
Grand Total	863	996	775	913

Source: Korea Customs Service

Import Matrix for Cooked Poultry Product

Import Trade Matrix				
Country: Korea				
Commodity: Cooked Poultry Product		Unit: MT & US\$1,000, RTC basis		
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	1,241	4,295	285	1,105
Others				
Thailand	233	862	144	536
France	11	374	6	156
Japan	1	7	1	4
Singapore	0	0	103	350
Canada	0	0	1	5
PRC	0	0	4	4
Other	-	2	-	2
Total for Others	245	1,245	259	1,057
Grand Total	1,486	5,540	544	2,162

Source: Korea Customs Service

Import Matrix for Breeding Eggs

Import Trade Matrix				
Country: Korea				
Commodity: Pure Bred Egg			Unit: Kg & U\$1,000	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	837	22	0	0
Others				
Australia	3,536	44	400	8
U.K.	3,890	44	0	0
Canada	18	1	0	0
Others	69	-	40	-
Total for Others	7,513	89	440	8
Grand Total	8,350	111	440	8

Source: Korea Customs Service

Import Matrix for Fresh Egg in Shell Other Than Breeding Egg

Import Trade Matrix				
Country: Korea				
Commodity: Fresh Egg in Shell			Unit: Kg & U\$1,000	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	18,333	244	10,210	137
Others				
Germany				
Thailand	154,539	114	74,232	50
Total for Others	154,539	114	74,232	50
Grand Total	172,872	358	84,442	187

Source: Korea Customs Service

Import Matrix for Cooked Egg in Shell

Import Trade Matrix				
Country: Korea				
Commodity: In Shell, Cooked			Unit: Kg & U\$1,000	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	388	5	0	0
Others				
P.R.C.	338,835	415	222,960	265
Total for Others			222,960	265
Grand Total	339,223	420	222,960	265

Source: Korea Customs Service

Import Matrix for Egg Yolk, Dried

Import Trade Matrix				
Country: Korea				
Commodity: Egg Yolk, Dried			Unit: Kg & U\$1,000	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	110,565	508	46,312	182
Others				
France	0	0	10,500	34
India	58,500	180	61,000	169
Sweden	10,000	29	0	0
Total for Others	68,500	209	71,500	203
Grand Total	179,065	717	117,812	385

Source: Korea Customs Service

Import Matrix for Egg Yolk, Other Than Dried

Import Trade Matrix				
Country: Korea				
Commodity: Egg Yolk, Other than Dried			Unit: Kg & U\$1,000	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	462,047	860	220,515	332
Others				
Belgium	7,000	50		
Others	40	1		
Total for Others	7,040	50	0	0
Grand Total	469,087	911	220,515	332

Source: Korea Customs Service

Import Matrix for Other than Yolk

Import Trade Matrix				
Country: Korea				
Commodity: Dried & Other (excl. Yolk) U\$1,000			Unit: Kg &	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	2,495	11	3,629	15
Others				
India	57,500	174	2,000	7
PRC	10,000	11		
Netherlands	33,000	110	11,000	33
Total for Others	100,500	295	13,000	40
Grand Total	102,995	306	16,629	55

Source: Korea Customs Service

Import Matrix for Egg Albumin

Import Trade Matrix				
Country: Korea				
Commodity: Egg Albumin, Dried			Unit: Kg & U\$1,000	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	0	0	0	0
Others				
France	19,400	120	21,800	137
Netherlands	24,300	206	11,500	91
Denmark	20,000	138	2,000	14
Sweden	75,360	446	38,265	216
Italy	500	4	500	4
India	0	0	1,500	10
Other	10	-	0	0
Total for Others	139,570	914	75,565	472
Grand Total	139,570	914	75,565	472

Source: Korea Customs Service

Import Matrix for Egg Albumin - Other Than Dried

Import Trade Matrix				
Country: Korea				
Commodity: Egg Albumin, Other Than Dried			Unit: Kg & U\$1,000	
Imports for	CY 1999		Jan. - Jun., 2000	
Country	Vol	Val	Vol	Val
U.S.	0	0	0	0
Others				
Belgium	225,000	198	173,000	138
Germany	162,000	142	18,000	14
Netherlands	149,000	157	72,000	57
Denmark	19,660	136	25,000	175
PRC	0	0	4,000	4
Italy	36,000	237	12,000	74
France	125,380	104	0	0
Other	2,640	11	0	0
Total for Others	719,680	985	304,000	462
Grand Total	719,680	985	304,000	462

Source: Korea Customs Service