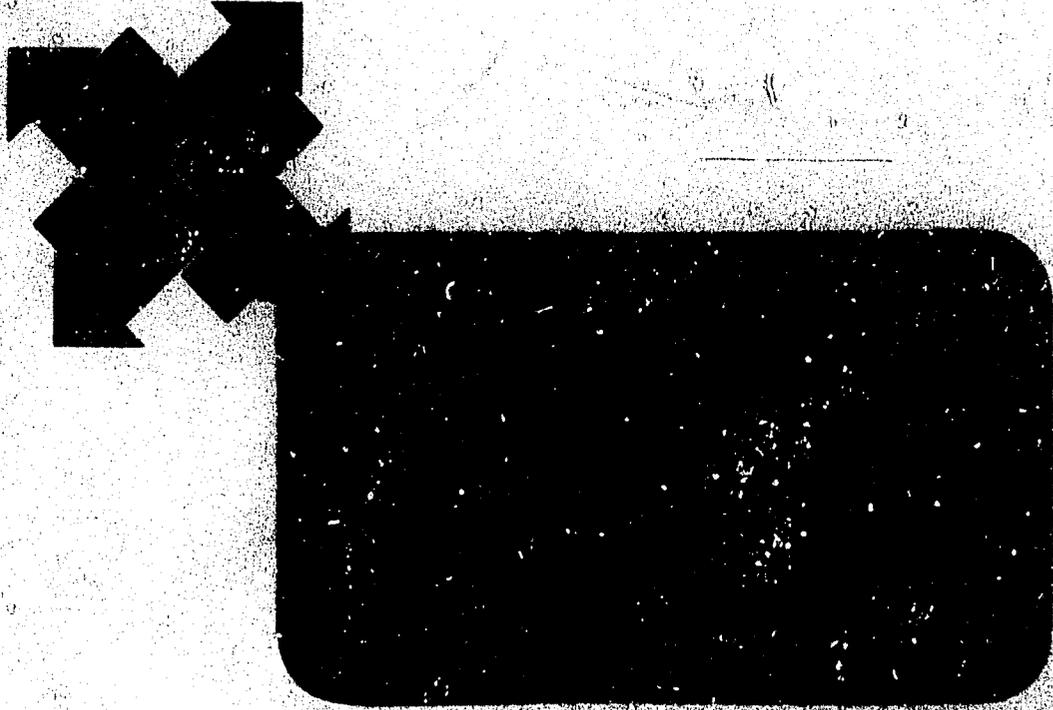


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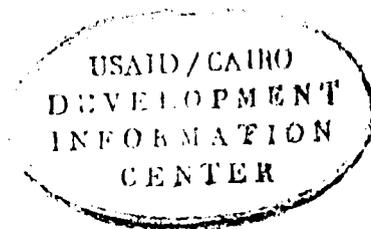


PN-AA 2984

1A-40451

DATA MANUAL  
EGYPTIAN POULTRY IMPROVEMENT PROJECT  
AID GRANT NO. 263-0060

APRIL 18, 1980



ESTIMATED  
POULTRY PRODUCTION

NOT FOR PUBLICATION<sup>1</sup>  
Revised 16 April 1978

CHICKEN MEAT/TABLE EGGS  
CALENDAR YEAR 1978

ARAB REPUBLIC OF EGYPT

<u>SECTOR</u>	<u>SUBSECTOR</u>	<u>POULTRY MEAT (000)</u>		<u>TABLE EGGS (000)</u>	
		<u>Quantity</u>	<u>% of Total</u>	<u>Quantity</u>	<u>% of Total</u>
I - <u>PUBLIC:</u>	A. GENERAL POULTRY COMPANY	23,000	(92.9)	70,000	(90.9)
	B. AGRARIAN REFORM	750	( 3.0)	7,000	( 9.1)
	C. GOVERNMENT (Sharkia)	1,000	( 4.0)	-	-
	<u>SUB TOTAL SECTOR I</u>	<u>24,750</u>	<u>24.8%</u>	<u>77,000</u>	<u>3.9%</u>
II - <u>PRIVATE:</u>	A. <u>CONFINED PRODUCTION UNITS</u>				
	. Tonsi/Shawi/Stino/Essat	-	-	16,000	(100.0)
	. Ismailia Food Company	1,000	( 4.0)	-	-
	. Small Misc. Producers (2,472)	24,000	(96.0)	-	-
	<u>SUB TOTAL SECTOR II-A</u>	<u>25,000</u>	<u>25.1%</u>	<u>16,000</u>	<u>0.8%</u>
	B. <u>VILLAGE FLOCKS</u> <sup>2</sup>	<u>50,000</u>	<u>50.1</u>	<u>1,900,000</u>	<u>95.3</u>
<u>SUB TOTAL SECTOR II</u>	<u>75,000</u>	<u>75.2%</u>	<u>1,916,000</u>	<u>96.1%</u>	
III - <u>TOTAL ESTIMATED NATIONAL PRODUCTION</u>	<u>99,750</u>	<u>100.0%</u>	<u>1,993,000</u>	<u>100.0%</u>	

<sup>1</sup>This data is not for publication, and may not be reprinted in part or whole without written request and written approval from MATHTECH, Inc., Atlanta, Georgia.

<sup>2</sup>Includes chicken meat and eggs consumed by village families.

A

EGYPTIAN  
GOVERNORATE STATISTICS

HUMAN POPULATION - NOV. 1976

<u>GOVERNORATE</u>	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u> *
Cairo	2,606,999	2,477,464	5,084,463
Alexandria	1,190,729	1,127,926	2,318,655
Port Said	136,186	126,434	262,620
Suez	102,464	91,537	194,001
Ismailia	179,874	172,015	351,889
Behera	1,284,048	1,261,198	2,545,246
Demietta	283,426	273,689	557,115
Kafr-El-Sheikh	708,064	695,404	1,403,468
Gharbia	1,165,492	1,128,811	2,294,303
Dakahlia	1,385,392	1,347,364	2,732,756
Sharkia	1,337,017	1,284,191	2,621,208
Munufia	871,843	839,139	1,710,982
Kalyubia	869,879	804,127	1,674,006
Giza	1,246,592	1,172,655	2,419,247
Fayum	583,152	557,093	1,140,245
Beni-Suef	560,073	548,542	1,108,615
Menia	1,060,578	995,161	2,055,739
Asyut	871,099	824,279	1,695,378
Suhag	966,925	958,035	1,924,960
Qena	857,421	848,173	1,705,594
Aswan	306,898	313,034	619,932
Red Sea	31,521	24,670	56,191
New Valley	28,765	27,926	56,691
Matruh	57,959	54,813	112,772
Sinai	6,508	3,596	10,104
TOTAL	18,698,904	17,957,276	36,656,180

\* Does not include (1,425,000) living abroad and occupied zone of Sinai (147000)

Source: CAPMAS STATISTICAL YEARBOOK OCT. 1977

EGYPTIAN  
GOVERNORATE STATISTICS

HUMAN POPULATION - NOV. 1976

<u>GOVERNORATE</u>	<u>URBAN</u>	<u>RURAL</u>	<u>% RURAL</u>
Cairo	5,084,463	—	0
Alexandria	2,318,655	—	0
Port Said	262,620	—	0
Suez	194,001	—	0
Ismailia	165,698	186,191	53
Behera	681,412	1,863,834	73
Demietta	142,815	414,300	74
Kafr- El - Sheikh	291,859	1,111,609	80
Gharbia	766,337	1,527,966	67
Dakahlia	655,272	2,077,484	76
Sharkia	530,354	2,090,854	80
Munufia	336,691	1,374,291	80
Kalyubia	684,586	989,420	59
Giza	1,379,277	1,039,970	43
Fayum	276,428	863,317	76
Beni-Suef	276,193	832,422	73
Menia	430,830	1,624,909	79
Asyut	470,032	1,225,346	72
Suhag	405,291	1,519,669	79
Qena	391,278	1,314,316	77
Aswan	229,657	390,275	63
Red Sea	47,722	8,469	16
New Valley	13,002	43,689	77
Matruh	51,036	61,736	55
Sinai	10,104	—	0
TOTAL	16,095,613	20,560,567	56

Source: CAPMAS STATISTICAL YEARBOOK COT. 1977

EGYPTIAN  
GOVERNATE STATISTICS

NATIVE HATCHERIES 1976 - 77

<u>GOVERNATE</u>	<u>NO. NATIVE HAT.</u>	<u>CHICKS HAT.</u>	<u>% HAT</u>
Alexandria	2	77630	51
Matruh	0		
Behera	58	8,312,000	55
Gharbia	63	10,578,090	59
Kafr El Sheikh	34	6,250,305	59
Dakahlia	59	12,330,285	62
Damietta	9	2,098,588	62
Sharkia	51	8,271,775	56
Ismailia	4	546,800	52
Suez	0		
Munufia	23	2,860,010	62
Kalyubia	21	5,385,531	63
<b>LOWER EGYPT</b>	<b>324</b>	<b>56,711,018</b>	<b>59</b>
Giza	34	3,490,266	67
Beni Suef	35	5,439,200	83
Fayum	43	4,169,412	60
Menia	88	5,878,333	62
<b>MIDDLE EGYPT</b>	<b>200</b>	<b>18,977,211</b>	<b>67</b>
Asyut	97	13,413,736	61
New Valley	0		
Suhag	22	3,552,513	71
Qena	38	4,290,890	63
Aswan	12	1,565,560	58
<b>UPPER EGYPT</b>	<b>169</b>	<b>22,822,699</b>	<b>63</b>
<b>TOTAL EGYPT</b>	<b>693</b>	<b>98,510,928</b>	<b>61</b>

Source: Wiens - 020 - Report 20 March 79



EGYPTIAN  
GOVERNORATE STATISTICS 1976 - 77

MODERN HATCHERIES

<u>GOVERNORATE</u>	<u>NO. HATCHERIES</u>	<u>HAT CHICKS</u>	<u>% HAT</u>
Alexandria	6	11,713,736	72
Matruh	1	50,657	71
Behera	5	378,327	75
Gharbia	4	1,900,517	76
Kafir El Sheikh	1	45,443	76
Dakahlia	1	67,280	66
Damietta	1	54,531	66
Sharkia	4	1,225,496	80
Ismailia	0		
Suez	0		
Munufia	4	167,586	84
Kalyubia	5	31,573,354	76
<b>LOWER EGYPT</b>	<b>32</b>	<b>47,176,927</b>	<b>75</b>
Giza	2	129,253	76
Beni Suef	2	1,204,154	83
Fayum	1	209,196	67
Menia	3	210,470	73
<b>MIDDLE EGYPT</b>	<b>8</b>	<b>1,753,070</b>	<b>79</b>
Asyut	1	878,440	81
New Valley	1	156,402	62
Suhag	2	964,747	84
Qena	1	1,050	75
Aswan	0	0	
<b>UPPER EGYPT</b>	<b>5</b>	<b>1,940,639</b>	<b>80</b>
<b>TOTAL EGYPT</b>	<b>45</b>	<b>50,870,636</b>	<b>75</b>

Source: Wiens - 020 - Report 20 March 79

1

EGYPTIAN  
GOVERNORATE STATISTICS

CHICKS HATCHED BY BREED 1976 - 77

<u>GOVERNORATE</u>	<u>BALADI</u> *	<u>MODERN</u> **	<u>TOTAL CHICKS</u>
Alexandria	160,100	11,630,823	11,790,923
Matruh	37,426	13,231	50,657
Behera	8,460,744	128,400	8,589,144
Gharbia	12,286,804	191,803	12,478,607
Kafr El Sheikh	6,258,398	37,350	6,295,748
Dakalia	12,375,137	22,428	12,397,565
Demietta	2,136,649	16,470	2,153,119
Sharkia	9,402,201	95,070	9,437,271
Ismailia	546,800	—	546,800
Suez	—	—	—
Munufia	3,028,507	92	3,028,599
Kalyubia	5,566,145	31,392,740	36,958,885
<b>LOWER EGYPT</b>	<b>60,257,912</b>	<b>43,528,407</b>	<b>103,786,319</b>
Giza	3,559,651	59,865	3,619,516
Beni Suef	6,643,354	—	6,643,354
Fayum	4,378,608	—	4,378,608
Menia	6,088,803	—	6,088,803
<b>MIDDLE EGYPT</b>	<b>20,670,414</b>	<b>59,865</b>	<b>20,730,279</b>
Asyut	14,292,176	—	14,292,176
New Valley:	156,402	—	156,402
Suhag	4,457,260	—	4,457,260
Qena	4,291,940	—	4,291,940
Aswan	1,565,560	—	1,565,560
<b>UPPER EGYPT</b>	<b>24,763,338</b>		<b>24,763,338</b>
<b>TOTAL EGYPT</b>	<b>105,793,292</b> ***	<b>43,588,272</b> ****	<b>149,381,564</b>

\* Baladi - Refers to Fayum, Dokki 4 a few other Egyptian breeds.

\*\* Modern refers modern breeds and strain crosses used in commercial operations.

\*\*\* Of the 106 million Baladi chicks 98.5 million were hatched in native hatcheries and 7.5 million in modern hatcheries.

\*\*\*\* All modern chicks were hatched in modern hatcheries. GPC produces 75-80% of all modern chicks and their hatchery facilities are located in Alexandria and Kalyubia governorate.

Source: Wiens - 020 - Report 20 March 1979

Task - 040 Breeding and Hatchery Improvement By C. F. McClary  
 Data on Chicken Hatcheries in Egypt

Organization hatchery name	name of incubators	No.	each capacity	total capacity	possible No. eggs/year
GPC El Shams lab	Reform	47	17,200	808,400	14,600,000
(Broilers). El Sahms. 2	Bokoto	10	86,400	864,000	17,300,000
" Sidy Bishr	Funky	18	19,008	342,144	6,800,000
" Amlak 9A	Optima	8	34,560	276,480	5,500,000
" Amlak 9B	Optima	8	34,560	276,480	5,500,000
" Amlak 9C	Optima	8	34,560	276,480	5,500,000
" Amlak 9D	Optima	8	34,560	276,480	5,500,000
" North Tahrir	Optima	8	34,560	276,480	5,500,000
" North Tahrir 2	Optima	8	34,560	276,480	5,500,000
" Dakahlia Optima	Optima	3	34,560	103,680	2,100,000
" New N. Tahrir	Reform	16	108,000	1,728,000	35,000,000
Ismailia Poultry Co.	Reform	10	108,000	1,080,000	15,000,000
Total broiler commercial-intensive mixed hatcheries layers broilers & baladi					123,800,000
governorates Tanta Gharbya	Funkie	14	20,000	280,000	6,000,000
from GPC	"	6	16,000	96,000	
1/1/79 Bany Mor Asyut	?	9	8,280	74,520	1,266,000
Barout Beni Suef	Funkie	7	20,000	140,000	2,180,000
Sohag	?	9	8,280	74,520	1,266,000
GPC Helwan	Reform	12	36,000	432,000	7,344,000
MOA 11 breeding farms	various			280,000	2,763,000
Native all governorates hatcheris	native	698	35,000	24,433,000	244,330,000
All others all Egypt	varied	50	8,000	400,000	4,000,000
Total mixed broiler layer balady					265,149,000

1. Figures from 1977 MOA records
2. Estimate based upon sizes of 6 or 8 units of 5,000 eggs etc..
3. Entirely a guess some have been seen.
4. At a hatching rate of 76% the annual broiler chick production could reach 94 million chicks per year from existing incubator space.
5. At an average hatch of 56% for native hatcheries and mixed broiler and layer hatcheries, 148 million chicks could be hatched annually in Egypt now.

Note:

The foregoing figures are best estimates based on information available at this date to the breeding and hatchery improvement task group.

SURVEY OF MOA FARM CAPABILITY AND PRODUCTION

<u>Location</u>	<u>Laying hens</u>	<u>FARM CAPACITY - (IN THOS.)</u>			<u>PRODUCTION</u>		
		<u>Incubator</u>	<u>Hatch-er</u>	<u>Chick (1) Production</u>	<u>Matching eggs sold 77</u>	<u>Chicks (2) sold 77</u>	<u>Chicks sold ave. 77</u>
Barrage	4.5	45	7.5	405	0	174	323
Sakha	7.0	45	7.5	405	2	28	118
Inchas	8.0	45	7.5	405	2	285	309
Fayoum	4.5	45	7.5	405	2	209	222
Dokki	3.0	3.0	4.0	270	1	119	112
Borg El Arab	2.0	7	1.5	63	8	51	47
Montazah	2.0	10	2.0	90	6	49	43
Sirw	4.0	13	4.0	117	0	150	184
Gimmezah	1.5	7	1.5	63	27	44	41
Mallawi	3.5	15	7.5	135	0	209	155
Sida	5.6	45	7.5	405	20	146	176
TOTALS (2)	45.6	307	58.0	2763	68	1464	1730

1. Potential annual production assuming a hatching season of 252 days and a hatchability of 75% of all eggs set
2. Chicks sold in 1971 - 72 - 73 were 1,614, 2,024, and 2,051 respectively.

NUMBER OF PERSONS PER HATCHERY (MODERN HATCHERIES)

<u>AREA</u>	<u>POPULATION, NOV. 1976</u>	<u>MODERN HATCHERIES, 1976-77</u>	<u>NUMBER OF PERSONS PER HATCHERY, 1976-77</u>
LOWER EGYPT <sup>4/</sup>	18,403,000	32	575,094
MIDDLE EGYPT	6,724,000	8	840,500
UPPER EGYPT	6,003,000	5	1,200,600

NUMBER OF PERSONS PER HATCHERY (NATIVE HATCHERIES)

<u>AREA</u>	<u>POPULATION, NOV. 1976</u>	<u>NATIVE HATCHERIES, 1976-77</u>	<u>NUMBER OF PERSONS PER HATCHERY, 1976-77</u>
LOWER EGYPT <sup>4/</sup>	18,403,000	324	56,799
MIDDLE EGYPT	6,724,000	200	33,620
UPPER EGYPT	6,003,000	169	35,521

TOTAL NUMBER OF HATCHERIES, 1976-77 (MODERN AND NATIVE)

<u>AREA</u>	<u>NUMBER</u>	<u>PERCENT OF TOTAL</u>	<u>PERCENT MODERN</u>	<u>PERCENT NATIVE</u>
LOWER EGYPT <sup>4/</sup>	356	48.2%	9.0%	91.0%
MIDDLE EGYPT	208	28.2	3.8	96.2
UPPER EGYPT	174	23.6	2.9	97.1
TOTAL	738	100.0%		

<sup>4/</sup> Excluding populations of Cairo and Port Said; including Mersa Matich.

GENERAL POULTRY COMPANY

The largest single poultry entity in Egypt is the General Poultry Company of the Ministry of Agriculture. GPC was established in 1964 to introduce and develop a modern poultry industry in Egypt. This it has done. Currently GPC is upgrading its entire operation in terms of decreasing mortality, improving feed conversions, marketing techniques and overall efficiency.

The following are GPC facilities, capacities and location:

<u>GOVERNORATE</u>	<u>LOCATION</u>	
<u>Alexandria</u>	<u>Alexandria</u>	
Hatchery	H.E. Cap.	342,144
Bro. Breeders	Cap.	70,000
Feed Mills	Ton/Hour	15 (U.C.)
Broilers	Per Cycle	546,000
Processing Plant	Cap./Hour	2500
<u>BHIRA</u>	<u>N. TAHRIR</u>	
Hatchery	H.E. Cap.	1,500,000
Br. Breeders	Cap.	560,000
Feed Mills	Ton/Hour	10 (U.C.)
Broilers	Per Cycle	540,000
Poocessing Plant	Cap./Hour	6,000
<u>CAIRO</u>	<u>HELIPOLOIS-KANKA</u>	
Hatchery	H.E. Cap.	2,150,000
Br. Breeders	Cap.	450,000
Feed Mill	Tons/Hour	40
Broilers	Per/Cycle	3,400,000
Processing Plant	Cap./Hour	12,000
	<u>HELWAN</u>	
Hatchery	H.E. Cap.	350,000
Egg Breeders	Cap.	52000
Rearing	Cap.	300,000
Layer	Cap.	810,000
Feed Mill	Tons/Hour	15

(U.C.) Under Construction

Source: GPC Statistical Dept.

GENERAL POULTRY COMPANY (continued)

GPC LICENSED BROILER GROWERS

<u>GOVERNORATE</u>	<u>NUMBER OF GROWERS</u>	<u>BROILER CAPACITY</u>
Alexandria	41	158,615
Bhira	63	253,882
Cairo	50	195,000
Fayoum	18	74,808
Beni Suef	16	80,485
Dakahlia	172	744,914
Giza	549	2,364,361
Sharkia	322	1,444,350
Damietta	13	54,898
Gharbia	139	557,260
Matruh	1	4,675
Kafr El Sheikh	16	70,990
Kalyubia	837	3,708,162
Menufia	102	-
Ismailia	2	-
TOTAL	2,341	10,163,937

ANNUAL QUANTITY OF POULTRY HATCHED IN GPC HATCHERIES IN THOUSANDS ARE:

<u>Year</u>	<u>Broilers</u>	<u>Egg Type Chicks</u>	<u>Turkeys</u>	<u>Ducks</u>
1975	26,001	1,211	161	1,273
1976	36,600	1,164	55	1,633
1977	46,350	1,547	77	1,260
1978	46,702	2,033	132	1,694
1979	48,700			

ANNUAL QUANTITY OF POULTRY MARKETED LIVE OR DRESSED BY GPC IN THOUSANDS:

<u>Year</u>	<u>Broilers</u>	<u>Broiler Chicks</u>	<u>Egg Type Chicks</u>	<u>Eggs</u>	<u>Turkeys</u>	<u>Ducks</u>
1975	19,800	3,400			129	1,171
1976	20,000	15,900		65,200	44	1,502
1977	22,000	21,300			62	1,159
1978	22,700	19,700		77,500	106	1,558
1979	24,700			105,100		

Most of the broilers and eggs produced by GPC are sold to the military and Government Coop stores. GPC is free to sell their ducks, turkeys and fowl direct to consumers. Usually profits are obtained from the sale of turkeys, ducks and fowl.

13

## AGRARIAN REFORM

Agrarian Reform, an entity of MOA, was to distribute land and develop cooperatives that help producers market their products. Just recently they began to develop poultry projects. Thus far their projects consist of 1 million broiler and 40 million eggs produced per year.

General Poultry Company experts work very closely with Agrarian Reform Management, therefore, most of the management decisions are very similar to GPC's.

Below is a listing of their projects.

<u>GOVERNORATE</u>	<u>LOCATION</u>	<u>SCOPE OF PROJECT</u>
Alexandria	Abis	250,000 broilers/yr.
Sharkia	Inchas	15 million eggs/yr.
	Inchas	250,000 broilers/yr.
Munufia	Kamshish	25 million eggs/yr.
	Kafr El Raml	250,000 broilers/yr.
Dakahlia	Mansura	250,000 broilers/yr.

Income to increase the size of operations comes from the cooperatives. If these operations can be self-sustained, great possibilities exist.

GOVERNORATE POULTRY PROJECTS

Many Governorates have specific poultry operations. Their percent of the Egyptian total quantity of poultry grown will rise rapidly in the years ahead. Several new projects are in the planning stage.

Below are their current holdings:

<u>GOVERNORATE</u>	<u>FACILITY</u>	<u>NO.</u>	<u>CAPACITY</u>
Alexandria	Hatchery	7	-
Behira	Hatchery	5	-
Behira	Egg Production	-	15,000,000/yr.
Behira	Breeding Farm	9	771,700
Dakahlid	Breeding Farm	8	37,858
Sharkia	Breeding Farm	12	404,914
Sharkia	Hatchery	6	-
Damietta	Hatchery	2	-
Damietta	Breeding Farm	4	188,000
Gharbia	Breeding Farm	1	-
Gharbia	Hatchery	1	-
Matruh	Breeding Farm	2	45,000
Kafr El Sheikh	Breeding Farm	2	13,000
Kafr El Sheikh	Egg Production	-	15,000,000/yr.
Kalyubia	Breeding Farm	1	2,500
Munufia	Breeding Farm	11	335,427
Munufia	Hatchery	1	155,867
Port Said	Broilers	-	3,000,000/yr.
Port Said	Egg Production	-	15,000,000/yr.
Cairo	Hatchery	5	-
Cairo	Breeding Farm	1	-
Giza	Breeding Farm	18	31,210
Fayoum	Hatchery	1	5,000,000 cks/yr.
Fayoum	Breeding Farm	11	262,570
Fayoum	Broilers	-	5,000,000/yr.
Beni Suef	Hatchery	2	170,500
Menia	Hatchery	5	2,000,000
Menia	Breeding Farm	14	24,818
Menia	Egg Production	-	15,000,000/yr.
Asyut	Hatchery	1	-
Sohag	Hatchery	4	-
New Valley	Hatchery	1	-
New Valley	Breeding Farm	1	14,670
Qena	Breeding Farm	5	54,000
Qena	Hatchery	4	-
Aswan	Breeding Farm	7	20,650
Aswan	Egg Production	-	15,000,000/yr.

Governorates own 45 hatcheries, 102 breeding farms and produce 8 million broilers, 75 million shell eggs, and at least 7 million Baladi chicks per year.

The hatcheries are primarily for use in supplying local residents with native baby chicks. If these hatcheries could distribute disease free vaccinated chicks, mortality in many villages would decrease considerably.

EGYPTIAN  
GOVERNORATE STATISTICS  
 MINISTRY OF AGRICULTURE BREEDING FARMS

<u>GOVERNORATE</u>	<u>LOCATION</u>	<u>NO. OF BREEDERS</u>	<u>INCUBATOR CAP.</u>
Alexandria	Montazah	2000	10,000
Matruh	Borg El Arab	2000	7000
Kafr El Sheikh	Sakha	7000	45000
Gharbia	Gimmezah	1500	7000
Damietta	Sirw	4000	13000
Sharkia	Inchas	8000	45000
Kalyubia	Barrage	4500	45000
Cairo	Dokki	3000	3000
Fayum	Fayum	4500	45000
Beni Suef	Sids	5600	45000
Menia	Mallawi	3500	15000
<b>TOTALS</b>		<b>45,600</b>	<b>307,000</b>

Comments: These hatcheries are not operating up to their potential. Based upon a 252 day season with hatchability of 75%. They could produce 2,763,000. During the 1977 season only 1,464,000 chicks were sold. In addition there has been a declining trend for several years.

Source: Shaffner - 040 - Report 17 April 1979

EGYPTIAN  
GOVERNORATE STATISTICS

PRIVATE POULTRY PROJECTS

MENUFIA - Ramlet El Engeb

Youssef Shawi Poultry Farm - 25000, cage layers,  
growing house and Smail Feed Mill.

SHARKIA - BELBIS

Sharkia Poultry Co. Independent Poultry processing plant  
with capacity of 1500/hour. Buying birds from live market.

ISMAILIA - Ismailia

Ismailia Misr Poultry Co. (ISMR). When fully operational in  
late 1980 ISMR will be capable of producing 18 million broiler  
chicks/year. ISMR will grow and process 5 million broilers/year.

GIZA - KERDESSA - TONCY FARMS has 100,000 cage layers in production and  
plans to be at 150,000 by mid-1980.

KERDESSA - GENERAL FARM has 4000 egg type breeders and 7000  
broiler breeders plus a hatchery of 108,000 H.E. Capacity  
and sells chicks.

GIZA - GIZA FARM has 8000 broiler breeders plus a hatchery and  
sells chicks.

Pyramid area - Egypco is developing a partially integrated  
operation with 80,000 broiler breeders, 1 million capacity  
hatchery. 20 ton/hour feed mill and 4500/hr processing plant.

SAFF - Cairo Poultry Co. is developing a feed and broiler chick  
complex. Feed mill has 10 ton/hour capacity and hatchery has  
306,000 H.E. Capacity.

EGYPTIAN

GOVERNORATE - STATISTICS

EXTENSION VILLAGES FOR POULTRY  
1977-1978

<u>Governorate</u>	<u>No. of Villages</u>	<u>No. of Chickens</u>
Alexandria	5	35,000
Behira	25	200,000
Kafr El Sheikh	23	300,000
Dakahlia	42	240,000
Sharkia	51	360,000
Gharbia	30	200,000
Menofia	22	120,000
Kalubia	32	170,000
Giza	18	108,000
Fayum	20	180,000
Beni Suef	15	100,000
Minia	30	200,000
Assuit	21	140,000
Sohag	27	180,000
Qena	20	100,000
Aswan	19	100,000
TOTALS	400	2,763,000

Source: Herrick - 060 - Report 3 May 1979

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EGYPTIAN  
GOVERNORATE STATISTICS

EXTENSION POULTRY BREEDING UNITS  
1979 - 80

<u>GOVERNORATE</u>	<u>NO. OF UNITS</u>	<u>NO HEN/UNIT</u>	<u>TOTAL*</u> <u>BREEDERS</u>	<u>TOTAL NO. OF*</u> <u>H.E.</u>
Sharkia	7	600	4200	294,000
Minofia	7	600	4200	294,000
Gharbia	7	600	4200	294,000
Beni Suef	7	600	4200	294,000
Fayoum	6	600	3600	252,000
Damaitta	3	600	1800	126,000
Dakahlia	3	600	1800	126,000
Kalubia	3	600	1800	126,000
Kafr El Sheikh	4	600	2400	168,000
Giza	3	600	1800	126,000
TOTALS	50		30,000	2,100,000

\* All Breeders are Fayum or Dokki 4

\*\* Based on a total production of 120 - 140 eggs/hen of which 70 H.E./hen are used.

Source: Herrick - 060 - Report 3 May 1979

EGYPTAIN

GOVERNORATE STATISTICS

EXTENSION ELECTRIC INCUBATORS  
1979

<u>GOVERNORATE</u>	<u>EXTENSION UNIT</u>	<u>NO. OF INCUBATORS</u>	<u>CAP. OF UNIT H.E./MO</u>
Menofia	Sirs el Lian	3	45000
Behira	Abou Houmos	3	18000
Dakahlia	Mansoura	3	54,000
Kafr El Sheikh	Fowa	2	20,000
Kalubia	Kalub	1	4,000
Sharkia	Zaqazig	3	45000
Giza	Giza	1	10,000
Fayum	Itsa	2	8,000
Minia	Minia	1	15,000
Assuit	Assuit	<u>1</u>	<u>18,000</u>
	TOTALS	20	237,000

Based on a 7 month hatching season, these units could use 1,659,000 H.E.

Based on a 70% hatchability, these units could produce 1,161,300 chicks.

Source: Herrick - 060 - Report 3 May 1979

EGYPTIAN  
GOVERNORATE STATISTICS

POULTRY VETERINARY SERVICES

<u>GOVERNORATE</u>	<u>LOCATION OF * VETERINARY CENTER</u>	<u>NO OF POULTRY ** VACCINATION CENTERS</u>
Alexandria	Alexandria	4
Marsa Matruh	Marsa Matruh	—
Behira	Demanhour	4
Kafr El Sheikh	Kafr El Sheikh	2
Dakahliya	Mansoura	—
Gharbia	Tanta	5
Dimyat	Demietta	—
Menufia	Shebun El Koom	13
Sharkia	Zagazig	—
Ismailia	Ismilia	—
Kulubia	—	2
Giza	Giza	17
Cairo	—	33
Fayum	Fayum	13
Minia	Minia	4
Beni Suef	Beni Suef	4
Assuit	Assuit	4
New Valley	Wadi El Gadid	—
Qena	Qena	11
Aswan	Aswan	2
Sohag	Sohag	4
TOTALS	19	122

\* Information supplied by Dr. Saad M. Nada, Head of Diagnostic and Research Labs. 8/Aug. 1979 - JOH

\*\* Information supplied by Dr. Kamal Sobhy, 8/Aug. 1979 - JCH

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EGYPTIAN  
GOVERNORATE STATISTICS

ORDEV\* POULTRY UNITS

<u>GOVERNORATE</u>	<u>LOCATION</u>	<u>BREEDER CAP.</u>	<u>INCUBATOR CAP.</u>	<u>CHICKS/YEAR</u>
Qena	Kinna	12000	100,000	1,000,000
Menia	Shosha	12000	100,000	1,000,000
Dakahlia	Mansora	4000	34000	333,000
New Valley	Moto	2000	20500	160,000

\* Organization for Reconstruction and Development of Egyptian Villagers

All units were still under construction as of 2 May 1979.

Source: Herrick - 060 - Report 3 May 1979

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ESTIMATED ANNUAL  
POULTRY VACCINES NEEDED AND AVAILABLE

<u>Type of Vaccine</u>	<u>Estimated Annual Doses of Vaccine Needed</u>	<u>Doses of Vaccine Available All Sources</u>	<u>Shortage</u>
Newcastle (Intramuscular)	150,000,000	109,357,000	40,643,000
Newcastle (Intraocular)	150,000,000	84,554,000	60,446,000
Fowl Pox	10,000,000	8,260,000	1,740,000
Pigeon Pox	500,000	450,000	50,000
Fowl Cholera	8,000,000	893,800	7,106,200
Duck Cholera	1,000,000	608,000	392,000
Turkey Cholera	1,000,000	288,000	712,000
Spirochaete	1,500,000	427,500	1,072,500