

5 PERTANIAN
Farming





Luas lahan pertanian yang ada di Surabaya bisa dibedakan berdasarkan jenis peruntukan tanamannya. Sebagai lahan tanaman pangan, di tahun 2015 petani Surabaya telah memanen 2,224 Ha untuk jenis padi, di tahun 2015 ini masih menduduki peringkat tertinggi untuk hasil panennya yakni seluas 1,760 Ha. Kemudian dari jenis palawija, didapatkan panen jagung adalah hasil tanaman pangan terbanyak di Surabaya dengan luas wilayah panen 202 Ha, kemudian Kacang hijau sebanyak 22 Ha dan Ketela Pohon seluas 8 Ha. Hasil tanaman pangan yang di tahun 2014 dihasilkan namun tidak di tahun 2015 adalah Ketela rambat dan kacang tanah.

Total luas panen tanaman sayuran tahun 2015 tercatat seluas 560,31Ha, dengan panen terbesar dari

The total number for farming area in Surabaya can be differed based on the purpose of the crop. In 2015, the farmers in Surabaya had harvested 2,224 hectares for rice, and it was in the first rank in 2015, which was 1,760 hectares. From the type of palawija (cash crops), corns were the biggest products in Surabaya with the total area of harvest of 202 hectares, then followed by green beans of 22 hectares and yams of 8 hectares. There were some crops which were harvested in 2014 but had no results in 2015 were sweet potatoes and peanuts.

The total area of vegetables in 2015 was recorded of 560.31 hectares, and most of them came from water spinach of 136 hectares, and followed by spinach of 114 hectares and chilies of



jenis tanaman kangkung, yakni seluas 136 Ha. Jenis sayuran yang hampir sama hasil produksinya dengan kangkung adalah bayam dengan luasan area 114 Ha dan cabe rawit dengan luasan panen 100 Ha.

Dari kategori tanaman buah-buahan, total produksi tahun 2015 adalah 1,316.28 ton yang berada dalam luasan panen 3,299.31 Ha, dengan jumlah terbanyak dari tanaman manggis yakni mencapai 880.65 ton. Selain manggis, tahun 2015 Surabaya juga menghasilkan 218.32 ton jeruk siam dan beberapa jenis buah-buahan lainnya.

Sektor peternakan, tahun 2015 populasi terbanyak adalah dari jenis ternak ayam, yakni sejumlah 39.471 ekor. Jumlah ternak yang dipotong pada tahun 2015 mencapai 110, 542 ekor. Sebagai upaya pencegahan terhadap bahaya Flu Burung, maka pemberian Vaksin Avian Influenza pada hewan juga terus dilaksanakan di tahun 2015. Total hewan yang telah divaksinasi adalah 60.624 ekor.

Produksi ikan laut dan ikan darat

100 hectares.

From the type of fruits, the total production in 2015 was 1,316.28 tons which had 3,299.31 hectares, and most of them came from mangosteens which reached 880.65 tons. Beside mangosteens, there were also 218.32 tons of tangerines and many other varieties of fruits.

In the livestock sector, the most population came from chickens, which were 39,471 chickens. The slaughtered livestock in 2014 reached 110,542 animals. As the preventive way of avian influenza, the vaccine was given to the livestock in 2015, and the total number of vaccinated animals was 60,624 animals.

The production of saltwater and freshwater fish in 2015 can be seen as follows: the total number of saltwater fish reached 6,840.06 tons. The production of freshwater fish, based on the place of catching and type of fish, there were 6,785.15 tons in the embankment and 1,079.26 tons in the fresh water.



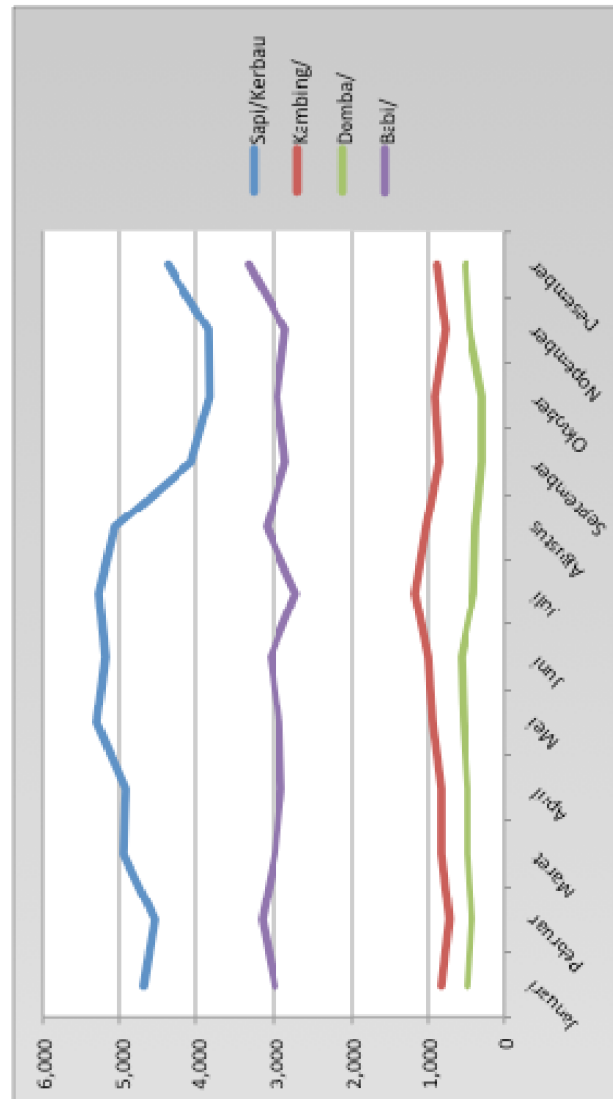


di tahun 2015, untuk ikan laut total sebanyak 6,840.06 ton. Produksi ikan darat menurut tempat penangkapan dan jenis ikan, untuk tambak sebanyak 6.785,15 ton dan air tawar sebanyak 1.079.26 ton. Untuk jenis ikan darat yang paling banyak dihasilkan adalah ikan bandeng sebanyak 4,849.97 ton. Sedangkan ikan laut yang paling banyak ditangkap adalah ikan gulamah sebanyak 2,056.45 ton.

Mostproduced freshwater fish reached 4,849.97 tons of milkfish, and most produced saltwater fish reached 2,056.45 tons of *gulamah* fish.



Grafik Banyaknya Ternak yang Dipotong Menurut Jenisnya per Bulan



Sumber : Dinas Pertanian Kota Surabaya

Source : Fisheries, Veterinary, Agriculture and Forestry Department Service of Surabaya City



Tabel V.1

Luas Panen Tanaman Pangan Menurut Jenisnya (Ha)

Food Crop Areas by Type of Crops (Ha)

Jenis Tanaman/ Type of Crops		2011	2012	2013	2014	2015
(1)		(2)	(3)	(4)	(5)	(6)
1	Padi/Paddy	2585,05	2296,55	1.977,43	1.086,86	1,760
2	Palawija/Crops	211,00	157,00	119,00	131,00	232
	- Jagung/Corn	144,00	137,00	83,00	88,00	202
	- Ketela Pohon	64,00	14,00	16,00	14,00	8
	- Ketela Rambat	-	-	-	2,00	-
	- Kacang Tanah	-	-	1,00	3,00	-
	- Kacang Hijau	2,00	4,00	19,00	24,00	22
	- Kedelai	1,00	2,00	-	-	-

Sumber : Dinas Pertanian Kota Surabaya**Source** : Agricultural Affairs Department of Surabaya City



Tabel V.2

Luas Panen Tanaman Buah-buahan Menurut Jenisnya (Ha)*Fruit Harvested Area by The Type of Fruit (Ha)*

Jenis Tanaman/ Type of Crops		Luas Panen (Ton) Area
1		2
1	Melon	10
2	Semangka	4
3	Blewah	14
4	Stroberi	-
5	Alpukat	
6	Belimbing	2.08
7	Duku / Langsat / Kokosan	63.49
8	Durian	-
9	Jambu Biji	-
10	Jambu Air	27.77
11	Jeruk Siam / Keprok	218.32
12	Jeruk Besar	-
13	Mangga	-
14	Manggis	880.65
15	Nangka / Cempedak	-
16	Nenas	28.13





17	Pepaya	-
18	Pisang	4.89
19	Rambutan	27.57
20	Salak	-
21	Sawo	-
22	Markisa / Kenyol	27.12
23	Sirsak	0.92
24	Sukun	6.72
25	Apel	0.40
26	Anggur	-
27	Melinjo	-
28	Petai	0.22
29	Jengkol	-
Jumlah/Total		1,316.28

Sumber : Dinas Pertanian Kota Surabaya
Source : Agricultural Affairs Department of Surabaya City



Tabel V.3

Luas Panen Tanaman Sayuran Menurut Jenisnya (Ha)*Vegetables Harvested Area by Type of Vegetables (Ha)*

Jenis Tanaman/ Type of Crops		Luas Panen (Ha) Area
1		2
1	Bawang Merah	-
2	Bawang Putih	-
3	Bawang Daun	-
4	Kentang	-
5	Kubis	-
6	Kembang Kol	-
7	Petsay/Sawi	77
8	Wortel	-
9	Lobak	-
10	Kacang Merah	-
11	Kacang Panjang	7
12	Cabe Besar	60
13	Cabe Rawit	100
14	Paprika	-
15	Jamur *)	0.31
16	Tomat	57





17	Terong	9
18	Pare	-
19	Ketimun	-
20	Labu Siam	-
21	Kangkung	136
22	Bayam	114
Jumlah/Total		560.31

Sumber : Dinas Pertanian Kota Surabaya
Source : *Agricultural Affairs Department of Surabaya City*

Tabel V.4

Produksi Tanaman Pangan Menurut Jenisnya (Ton)



Food Crop Production by Type of Crops (Ton)

	Jenis Tanaman/ Type of Crops	2011	2012	2013	2014	2015
1	Padi	15541,34	13687,41	10.986,57	9.424,38	11,177.96
2	Palawija	413,19	402,71	348,57	501,90	1050.19
	- Jagung	272,43	272,43	185,09	366,43	948.79
	- Ketela Pohon	125,58	125,58	143,84	65,27	69.52
	- Ketela Rambat	9,30	-	-	36,00	-
	- Kacang Tanah	-	-	1,02	5,40	-
	- Kacang Hijau	3,88	3,88	18,62	28,80	33.88
	- Kedelai	2,00	0,82	-	-	-

Sumber : Dinas Pertanian Kota Surabaya
Source : Agricultural Affairs Department of Surabaya City

Tabel V.5

Produksi Tanaman Sayuran Menurut Jenisnya (Ton)





Vegetable Productions by Type of Vegetables (Ton)

Jenis Tanaman/ Type of Crops		Luas Panen (Ton) Area
1		2
1	Bawang Merah	-
2	Bawang Putih	-
3	Bawang Daun	-
4	Kentang	-
5	Kubis	-
6	Kembang Kol	-
7	Petsay/Sawi	170.8
8	Wortel	-
9	Lobak	-
10	Kacang Merah	-
11	Kacang Panjang	6.8
12	Cabe Besar	158.6
13	Cabe Rawit	140.4
14	Paprika	-
15	Jamur *)	7.15
16	Tomat	115.5
17	Terong	7.4
18	Pare	-
19	Ketimun	-
20	Labu Siam	-
21	Kangkung	161.4



22	Bayam	122.9
Jumlah/Total		890.95

Sumber : Dinas Pertanian Kota Surabaya

Source : Agricultural Affairs Department of Surabaya City

Tabel V.6

Produksi Tanaman Buah-buahan Menurut Jenis Tanaman (Ton)

Fruits Production based on the Type of Fruit (Ton)





Jenis Tanaman/ <i>Type of Crops</i>		Luas Panen (Ton) <i>Area</i>
1		2
1	Melon	257.9
2	Semangka	210
3	Blewah	393.2
4	Stroberi	-
5	Alpukat	2.3
6	Belimbing	114.75
7	Duku / Langsung / Kokosan	-
8	Durian	-
9	Jambu Biji	59.63
10	Jambu Air	103.9
11	Jeruk Siam / Keprok	-
12	Jeruk Besar	-
13	Mangga	1,681.80
14	Manggis	-
15	Nangka / Cempedak	83.7
16	Nenas	-
17	Pepaya	41.16
18	Pisang	302.9
19	Rambutan	-
20	Salak	-
21	Sawo	14.93
22	Markisa / Kenyol	3.37



23	Sirsak	27.85
24	Sukun	0.5
25	Apel	-
26	Anggur	0.78
27	Melinjo	0.64
28	Petai	-
29	Jengkol	-
Jumlah/Total		3,299.31

Sumber : Dinas Pertanian Kota Surabaya

Source : *Agricultural Affairs Department of Surabaya City*

Tabel V.7

Populasi Ternak dan Unggas Menurut Jenisnya

Livestock and Poultry Populations by Type of Livestock





Jenis Ternak/Type of Livestock	2011	2012	2013	2014	2015
(1)	(2)	(3)	(4)	(5)	(6)
Sapi/Cow	508	327	218	116	113
Sapi Perah/Diary Cow	658	606	517	498	492
Kerbau/Buffalo	42	49	31	27	27
Kuda/Horse	-	-	-	4	-
Kambing/Goat	4,096	3,352	3,097	2,264	1,024
Domba/Sheep	1,210	839	710	187	163
Babi/Pig	-	-	-	-	-
Itik/Duck	6,959	5,609	4,602	3,157	2,521
Ayam/Hen	35,614	41,003	34,097	20,325	39,471

Sumber : Dinas Pertanian Kota Surabaya
Source : Agricultural Affairs Department of Surabaya City

Tabel V.8

Banyaknya Ternak yang Dipotong Menurut Jenisnya Per Bulan
Number of Slaughtered Livestock by Type of Livestock per Month



Bulan/ Month	Sapi/Kerbau Cow/Buffalo	Kambing/ Goat	Domba/ Sheep	Babi/ Pig	Jumlah Total
(1)	(2)	(3)	(4)	(5)	(6)
January	4,696	807	474	2,996	8,973
Pebruari	4,562	720	423	3,155	8,860
Maret	4,946	823	483	2,980	9,232
April	4,932	808	475	2,898	9,113
Mei	5,279	937	550	2,925	9,691
Juni	5,166	985	578	3,033	9,762
Juli	5,249	1,154	408	2,707	9,518
Agustus	5,066	1,030	366	3,091	9,553
September	4,071	842	273	2,840	8,026
Oktober	3,823	893	285	2,945	7,946
Nopember	3,830	756	444	2,841	7,871
Desember	4,370	886	520	3,318	9,094
Jumlah/Total	58,799	8,634	5,068	38,041	110,542
2014	58,799	8,634	5,068	38,041	110,542





2013	75,517	13,014	-	38,018	125,549
2012	105,720	13,181	522	36,335	160,458
2011	105,713	-	13,011	5,339	36,236

Sumber : Dinas Pertanian Kota Surabaya

Source : Agricultural Affairs Department of Surabaya City



Tabel V.9

Rekapitulasi Vaksinasi Avian Influenza (Flu Burung) di Surabaya
Recap of Vaccinefor Avian Influenza in Surabaya

Jenis Hewan Yang Divaksin	2011	2012	2013	2014	2015
(1)	(2)	(3)	(4)	(5)	(6)
Ayam	62,477	67,644	62,730	59,323	56,616
Itik	11,895	9,200	5,872	5,121	3,367
Angsa	1,522	1,472	845	875	531
Burung	950	1,458	-	-	-
Kalkun	57	69	43	31	110
Jumlah/Total	76,901	79,843	69,490	65,350	60,624

Sumber : Dinas Pertanian Kota Surabaya
Source : Agricultural Affairs Department of Surabaya City




Tabel V.10

Produksi Ikan Laut dan Ikan Darat (Ton)*Sea and Freshwater Fish Production (Ton)*

Tahun/ Year	Laut/ Sea	D a r a t / L a n d				Jumlah/ Total
		Tambak/ Fishpond	Air Tawar/ Fresh Water	Perairan Umum/Public	Karamba	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2006	9,458.0	8.573.0	131.0	279.0	-	8.983.0
2007	8,531.4	7.886.2	118.1	256.2	-	8.260.5
2008	8.863.6	8.198.9	169.4	223.4	-	8.591.8
2009	9.307.1	8.608.7	177.8	233.1	-	9.019.6
2010	9.493.2	9.043.3	267.7	244.8	-	9.555.8
2011	7.119.89	7.923.84	923.67	264.55	-	9.112.06
2013	7.441.27	6.906.91	1.0441.3	273.14	147.21	8.371.39



2014	7.292.45	6.542.09	1.033.02	277.02	140.76	7.992.89
2015	6,840.06	6,785.15	1,079.26			14,704.47

Sumber : Dinas Pertanian Kota Surabaya
Source : Agricultural Affairs Department of Surabaya City





Tabel V.11

Produksi Ikan Darat Menurut Tempat Penangkapan dan Jenis Ikan*Production of Freshwater Fish based on the place and Type of Fish*

Tempat Penangkapan/ Jenis Ikan/Catching Point/Type of Fish		2011	2012	2013	2014	2015
(1)		(2)	(3)	(4)	(5)	(6)
1	Tambak / Fishpond					
	- Bandeng / Milkfish	5,431.93	5,115.42	4,760.71	4,618.73	4,849.97
	- Udang Putih / White shrimp	574.3	446.84	365.9	301.94	304.96
	- Udang Windu / Large Prawn	398.2	373.01	290.17	242.40	243.62
	- Udang Vannamei	1,106.79	1,101.86	969.66	865.97	870.29
	Lain-lain	421.62	556.05	520.47	501.28	516.31
	Sub Jumlah / Sub Total	7,932.84	7,593.18	6,906.91	6,530.32	6,785.15
2	Air Tawar / Fresh Water					
	- Tawes	14.92	14.96	14.53	13.33	13.78
	- Tombro	11.52	11.60	10.91	10.42	0
	- Mujair	0.38	0.46	0.62	0.59	0.62
	- Lain-lain (Campur) / Other (Mixed)	190.82	302.92	314.77	305.58	158.94
	Sub Jumlah / Sub Total	217.64	329.94	340.83	329.92	173.34
3	Perairan Umum / Public					
	- Tawes	47.63	48.47	49.15	49.87	0



- Tombro	-	-	-	-	0
- Mujair	39.68	40.39	41.00	41.56	0
- Lain-lain (Campur) / Other (Mixed)	177.24	180.41	182.99	185.59	0
Sub Jumlah / Sub Total	264.55	269.27	273.14	277.02	0
4 Keramba					
- Nila	-	-	-	-	42.03
- Patin	-	-	-	-	2.82
- Lele	-	-	-	-	861.07
- Lain-lain	-	-	-	-	
Sub Jumlah / Sub Total	-	-	147.21	140.41	905.92

Sumber : Dinas Pertanian Kota Surabaya

Source : Agricultural Affairs Department of Surabaya City





Produksi Ikan Laut Menurut Jenisnya (Ton) Tahun 2014

Tabel V.12

Production of Saltwater Fish based on The Type of Fish (Ton) in 2014

Jenis/Type of Fish		2010	2011	2012	2013	2014
(1)		(2)	(3)	(4)	(5)	(6)
1.	Udang Putih/ <i>White Shrimp</i>	1,275,01	313.28	309.37	327.41	320.87
2.	Teri/Tiny Sea Fish	160.99	263.43	260.15	275.34	269.81
3.	Manyung	289.91	412.96	407.81	431.60	422.97
4.	Rajungan/Small Crab	515.55	348.87	344.53	364.61	357.34
5.	Pari/Mantaray	-	249.20	246.09	260.44	306.28
6.	Belanak/ <i>Gray Mullet</i>	421.10	1,324.28	1,307.81	1,384.07	1,356.39
7.	Kerang/Scallop	1,583.51	185.12	185.81	193.47	266.24
8.	Lain-lain/Other	641.57	719.13	710.15	751.55	735.57
9.	Kepiting/Crab	318.51	192.23	189.85	200.93	196.91
10.	Simping/Flat Shell	1,113.56	299.01	295.31	312.53	189.60
11.	Gulamah/ <i>Gulamah Fish</i>	1,472.95	2,007.81	1,982.80	2,098.42	2,056.45
12.	Layur/Layur Fish	289.17	78.33	77.34	81.86	80.22
13.	Peperak/ <i>Peperak Fish</i>	290.11	234.97	232.01	245.56	240.64
14.	Jenis Udang Lain/ <i>Other Shrimp</i>	-	-	-	-	-
15.	Teripang/ <i>Sea Cucumber</i>	-	-	-	-	-
16.	Binatang Air Lainnya/ <i>Other Sea Food</i>	609.44	398.71	398.73	416.75	408.37



17.	Cumi-cumi/Sqiud	85.92	92.56	91.4	96.73	94.79
18.	Udang Barong/ Barong Shrimp	-	-	-	-	-

Jumlah/Total		3,622.27	7,119.89	7,039.16	7009.67	7,302.45
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Sumber : Dinas Pertanian Kota Surabaya

Source : Agricultural Affairs Department of Surabaya City





Tabel V.13

**Banyaknya Nelayan, Pengusaha Tambak dan Rata-rata
Pendapatannya Tahun 2014**
*Number of Fishermen, Fishpond Entrepreneur, Income Average
and Cultivated Fishpond in 2014*

Tahun/ Year	Nelayan/Fishermen				Pengusaha Tambak/ Fishpond Interpreneur	
	Motorisasi/ Motorized	Tradisional / Traditional	Jumlah/ Total	Rata-rata Pend./ Income Average	Jumlah/ Total	Rata2 Pend./ Income Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2008	1,257	483	1,740	5,018,725	1,126	5,445,138
2009	1,259	601	1,896	5,420,223	1,126	5,880,750
2010	1,376	466	1,842	5,671,313	911	5,110,825
2011	2,006	345	2,351	5,238,245	901	5,121,907



2012	1,659	617	2,276	5,284,865	901	5,156,224
2013	1,659	634	2,293	5,376,876	901	5,234,557
2014	1,681	348	2,029	5,487,956	900	5,387,445

Sumber : Dinas Pertanian Kota Surabaya
Source : Agricultural Affairs Department of Surabaya City

