

**5** | PERTANIAN  
Farming





Meskipun Surabaya merupakan kota besar yang padat penduduk, namun Surabaya masih memiliki lahan pertanian. Tahun 2016 luas panen tanaman pangan mencapai 2.423 Ha dan yang paling luas adalah jenis tanaman padi. Produksi tanaman pangan jenis padi dan palawija masing-masing sebanyak 11.799,8 ton dan 596,11 ton. Luas panen tanaman sayuran mencapai 513 Ha dan yang paling luas adalah jenis tanaman Lombok. Untuk tanaman buah-buahan, luas panen pada tahun 2015 mencapai 1.316,28 Ha. Pada tahun 2016 , realisasi intensifikasi tanaman padi telah mencapai 2.286.000 Ha atau 95,5% dari target. Realisasi luas tanaman padi varitas unggul, hanya terlaksana di varitas IR-64 sebesar 685,8 Ha dan varitas unggul lainnya 1.600 Ha. Luas lahan pertanian yang diusahakan dengan pengairan sederhana di Kecamatan Bulak, Wonocolo dan Gayungan, sebesar 35 Ha.

*Although Surabaya is a big city with big population in it, but it still has farming lands. In 2016, the area of farming land reached 2,423 hectare and mostly used as paddy fields. The production of paddy and palawija (second food beside paddy) were 11.799,8 tons and 596,11 tons respectively. The area for vegetables reached 513 hectares and mostly used to plant chilies. For fruits, the area reached 1.316,28 hectares. In 2016, the realization for intensification for paddy had reached 2.286.000 hectares or 95,5% from target. The realization of area for paddy of good quality only in the variety of IR-64 of 685,8 hectares and other varieties were 1.600 hectares. The farming areas with simple irrigation were in Bulak, Wonocolo, and Gayungan Districts with the area of 35 hectares.*



Jenis tanaman sayuran yang diproduksi di Surabaya adalah lombok, tomat, bayam, sawi, kangkung dan garbis/melon/semangka. Untuk tanaman buah-buahan, hasil produksi kota Surabaya adalah manga, jambu air, jambu biji, surzaak, belimbing, pisang, jeruk besar dan jeruk keprok. Produksi terbanyak adalah Lombok (406,90 ton) dan Mangga (709 pohon).

Selain sayur dan buah-buahan, pemkot juga harus memenuhi ketersediaan daging masyarakat Surabaya. Dibanding tahun sebelumnya, populasi ternak dan unggas pada tahun 2016 semuanya meningkat, kecuali populasi ayam. Begitu juga dengan banyaknya sapi, kambing dan domba yang dipotong pada tahun 2016 ada peningkatan. Sebaliknya banyaknya babi yang dipotong, terjadi penurunan. Untuk mencegah flu burung, pemkot telah melakukan vaksinasi Avian influenza terhadap 31.132 ekor unggas. Jenis unggas yang divaksin adalah ayam, itik, angsa, burung dan kalkun. Hewan yang paling banyak divaksin adalah ayam.

*The types of vegetables produced tomatoes, in Surabaya are chilies, spinaches, green mustard, and water spinaches. While for fruits, the productions in Surabaya are melons/watermelons, mangoes, water guavas, guavas, sour sops, star fruits, bananas, and oranges. The most production is chilies (406,90 tons) and mangoes (709 trees).*

*Beside vegetables and fruits, the City Government also has to fulfill the stock of meat for all people in Surabaya. Compared to the previous year, the population of livestock and poutries in 2016 was increased, except for the population of chickens. The number of slaughtered cows, goats, and sheep was increased in 2016, while the number of slaughtered pigs was decreased. To prevent avian influenza, the city government had vaccinated 31.132 fowls which were chickens, ducks, swans, birds, and turkeys. The most number of vaccinated ones was chickens.*

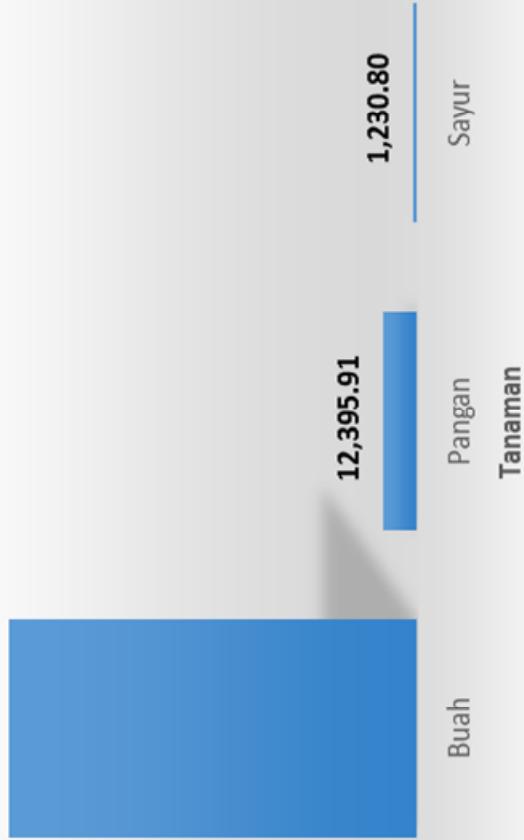


Untuk meningkatkan kebutuhan ikan bagi masyarakat Surabaya, pemkot melakukan beberapa upaya. Pada tahun 2016, produksi ikan laut dan darat meningkat masing-masing mencapai 10.578,30 ton dan 8.269,71 ton. Peningkatan terbanyak pada produksi ikan laut yang mencapai 55%. Pada produksi ikan darat, produksi terbanyak dari hasil tambak. Jumlah nelayan dan pendapatan rata-rata nelayan, di tahun 2016, mengalami peningkatan. Sebaliknya meskipun rata-rata pendapatan pengusaha tambak meningkat, tetapi jumlah pengusaha tambak menurun. Jenis penangkapan ikan bermacam-macam, yaitu jaring insang, perangkap, pancing dan lain-lain. Jenis penangkap ikan yang paling banyak diminati adalah jaring insang. Selama tahun 2016, banyaknya penangkap ikan ada 4.522 orang.

*To increase the need of fish for all people in Surabaya, the City Government had done many efforts. In 2016, the production of sea-water and fresh-water fish was increased to 10.578,30 tons and 8.269,71 tons respectively. The highest production was in the sea-water fish which reached 55%. In the fresh-water fish production, most of them came from the embankments. The number of fishermen and their average income was increased in 2016, while on the other side, the number of fishermen in the embankments was decreased. The types of tools used to catch fish are various such as nets, fish traps, fishing rods, and others. The type of tool that most used by the people is the nets. While during 2016, the number of fish-catchers was 4.522 people.*



## Produksi Tanaman (Ton) Tahun 2016

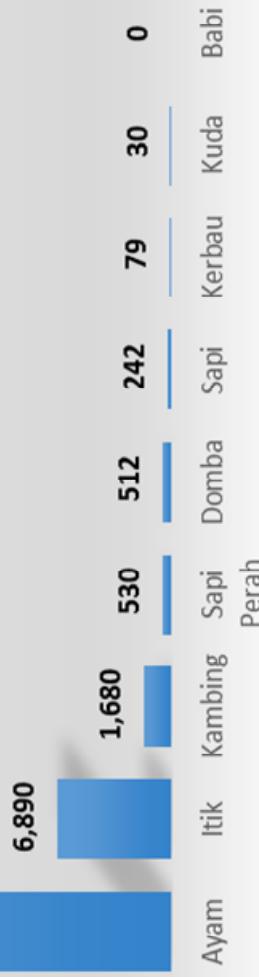
**152,314**

Sumber : Dinas Ketahanan Pangan dan Pertanian Kota Surabaya  
Source : Fisherest, Veterinary, Agriculture and Forestry Department Service Of Surabaya Municipality



## Jumlah Populasi Ternak dan Unggas Tahun 2016

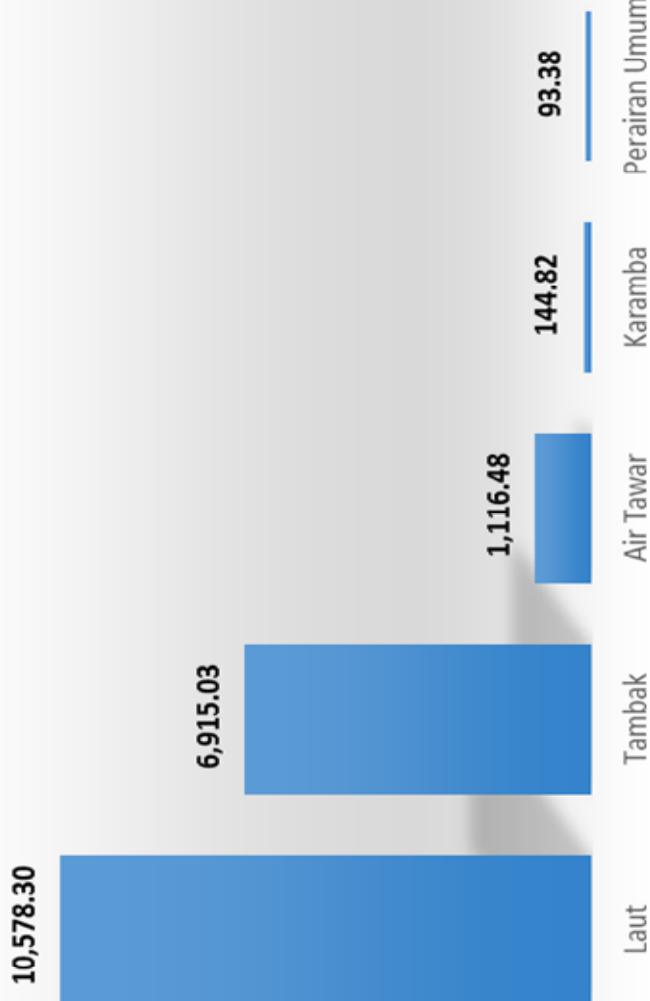
28,389

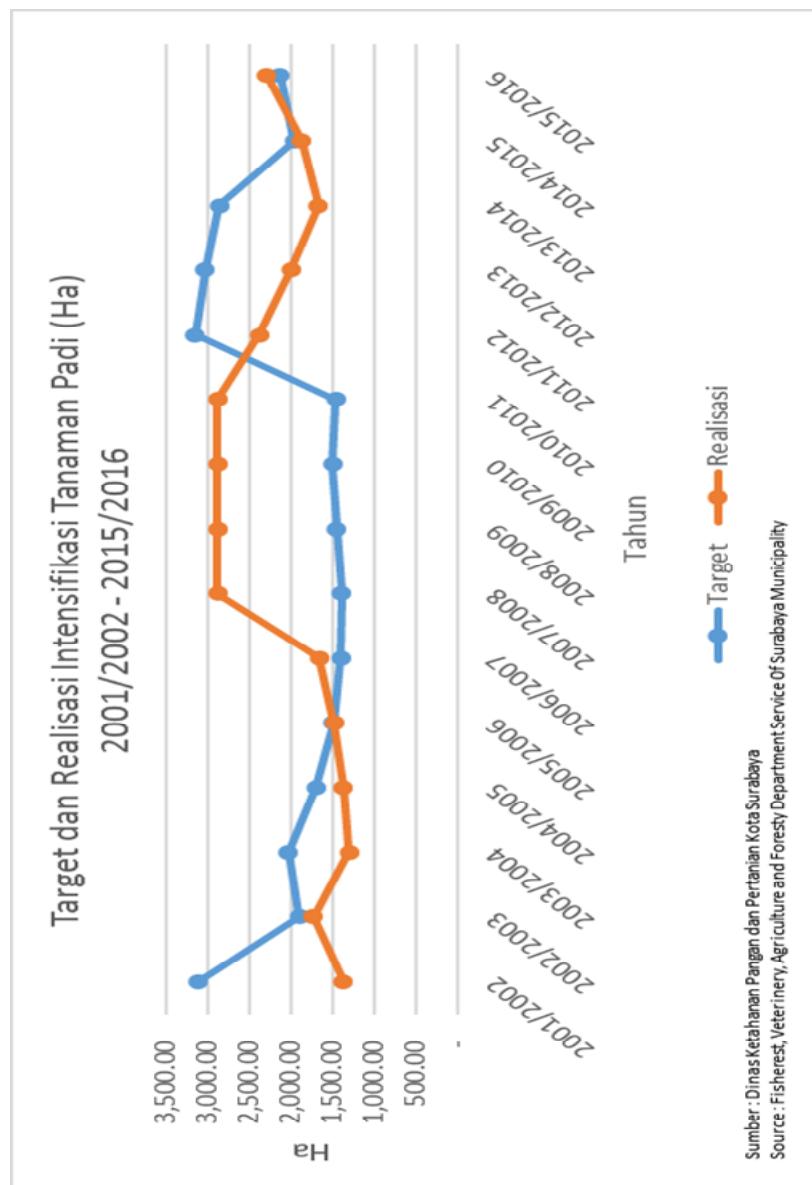


Sumber : Dinas Ketahanan Pangan dan Pertanian Kota Surabaya  
Source : Fisherest, Veterinry, Agriculture and Forestry Department Service Of Surabaya Municipality



Produksi Ikan Laut dan Ikan Darat (Ton) Tahun 2016






**Tabel V.1**
**Luas Panen Tanaman Pangan menurut Jenisnya  
(Ha) Tahun 2011 - 2016**
*Food Crop Harvested Areas by Type of Crops (Ha)*

Jenis Tanaman/ <i>Type of Crops</i>	2011 (1)	2012 (3)	2013 (4)	2014 (5)	2015 (6)	2016 (7)	
<b>Padi / Paddy</b>	<b>2,585.05</b>	<b>2,296.55</b>	<b>1,977.43</b>	<b>1,086.86</b>	<b>1,760.31</b>	<b>2,289.00</b>	
- Padi Sawah / <i>Wet Land Paddy</i>	2,425.05	2,290.55	1,948.43	1,661.86	1,760.31	2,152.00	
- Padi Ladang / <i>Dry Land Paddy</i>	160.00	6.00	29.00	25.00	-	137.00	
<b>Palawija / Crops</b>	<b>211.00</b>	<b>157.00</b>	<b>119.00</b>	<b>131.00</b>	<b>232.00</b>	<b>134.00</b>	
- Jagung / <i>Corn</i>	144.00	137.00	83.00	88.00	202.00	1111.00	
- Ketela Pohon / <i>Cassava</i>	64.00	14.00	16.00	14.00	8.00	1.00	
- Ketela Rambat / <i>Sweet Potatoes</i>	-	-	-	2.00	-	-	
- Kacang Tanah / <i>Peanuts</i>	-	-	1.00	3.00	-	8.00	
- Kacang Hijau / <i>Green Beans</i>	2.00	4.00	19.00	24.00	22.00	14.00	
- Kedelai / <i>Soyabeans</i>	1.00	2.00	-	-	-	-	
<b>Jumlah/Total</b>	<b>5,592.10</b>	<b>4,907.10</b>	<b>4,192.86</b>	<b>3,035.72</b>	<b>3,984.62</b>	<b>4,746.00</b>	

**Sumber** : Dinas Ketahanan Pangan dan Pertanian  
**Source** : Department of Food Defense and Farming of Surabaya


**Tabel V.2**
**Luas Panen Tanaman Sayuran Menurut Jenisnya  
(Ha) Tahun 2010 – 2016**
*Vegetables Harvested Area by Type of Vegetables (Ha)*

Jenis Tanaman/ <i>Type of Crops</i>	2010	2011	2012	2013	2014	2015	2016
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Lombok/Chilly</b>	129	94	99	110	145	160	206
<b>Tomat/Tomatoes</b>	11	34	60	31	22	57	63
<b>Bayam/Spinach</b>	102	103	96	58	63	114	65
<b>Sawi/Cabbage</b>	110	118	105	70	54	77	69
<b>Kangkung/Lesfy Vegetable</b>	127	121	121	82	81	136	91
<b>Garbis/Melon/Semangka/Melon/Water Melon</b>	7	2	7	100	64	28	19
<b>Jumlah/Total</b>	<b>486</b>	<b>472</b>	<b>488</b>	<b>451</b>	<b>429</b>	<b>572</b>	<b>513</b>

**Sumber** : Dinas Ketahanan Pangan dan Pertanian  
**Source** : Department of Food Defense and Farming of Surabaya



Tabel V.3

**Produksi Tanaman Pangan Menurut Jenisnya  
(Ton) Tahun 2011 - 2016**
*Food Crop Production by Type of Crops  
(Ton)*

Jenis Tanaman/ <i>Type of Crops</i>	2011 (1)	2012 (2)	2013 (3)	2014 (4)	2015 (5)	2016 (6)
<b>Padi / Paddy</b>	15,541.34	13,697.41	10,986.57	9,424.38	13,687.41	11,799.80
- Padi Sawah / <i>Wet Land Paddy</i>	14,579.42	13,651.65	10,825.45	9,291.48	11,007.16	11,093.56
- Padi Ladang / Dry Land Paddy	961.92	35.76	161.12	132.90	170.80	706.24
<b>Palawija / Crops</b>	413.19	402.71	348.57	501.90	1,052.19	596.11
- Jagung / <i>Corn</i>	272.43	272.43	185.09	366.43	948.79	519.20
- Ketela Pohon / <i>Cassava</i>	125.58	125.58	143.84	65.27	69.52	8.69
- Ketela Rambat / <i>Sweet Potatoes</i>	9.30	-	-	36.00	-	-
- Kacang Tanah / <i>Peanuts</i>	-	-	1.02	5.40	-	46.66
- Kacang Hijau / <i>Green Beans</i>	3.88	3.88	18.62	28.80	33.88	21.56
- Kedelai / <i>Soyabeans</i>	2.00	0.82	-	-	-	-
<b>Jumlah/Total</b>	<b>15,954.53</b>	<b>14,090.14</b>	<b>11,335.14</b>	<b>9,926.28</b>	<b>15,954.53</b>	<b>12,395.91</b>

Sumber  
Source

: Dinas Ketahanan Pangan dan Pertanian  
: Department of Food Defense and Farming of Surabaya



**Produksi Tanaman Sayuran Menurut Jenisnya (Ton)**  
**Tahun 2010 -2016**

**Tabel V.4**

*Vegetable Productions by Type of Vegetables (Ton)*

<b>Jenis Tanaman/<i>Type of Crops</i></b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Lombok/Chilly</b>	291.40	442.20	58.29	115.43	69.20	299.00	406.90
<b>Tomat/Tomatoes</b>	50.50	40.85	36.10	97.70	46.30	115.50	157.10
<b>Bayam/Spinach</b>	211.90	143.45	117.40	85.80	70.90	122.90	120.50
<b>Sawi/Cabbage</b>	240.78	196.57	169.20	116.30	75.10	170.80	193.70
<b>Kangkung/Lesfy Vegetable</b>	288.40	190.25	157.90	146.30	78.00	161.40	175.10
<b>Garbis/Melon/Sem angka/Melon/Water Melon</b>	8.75	40.00	22.00	86.60	280.90	861.10	177.50
<b>Jumlah/Total</b>	<b>1,091.73</b>	<b>1,053.32</b>	<b>560.89</b>	<b>648.13</b>	<b>620.40</b>	<b>1,730.70</b>	<b>1,230.80</b>

**Sumber** : Dinas Ketahanan Pangan dan Pertanian  
**Source** : Department of Food Defense and Farming of Surabaya


**Produksi Tanaman Buah-buahan Menurut Jenis Tanaman  
(Ton) Tahun 2010 - 2016**
**Tabel V.5**
*Fruits Production based on the Type of Fruit ( Ton )*

<b>Jenis Tanaman/Type of Crops</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>	<i>(7)</i>	<i>(8)</i>
<b>Mangga/Mango</b>	825.70	2,126.43	8,653.13	6,343.12	2,252.90	1,681.80	3,246.13
<b>Jambu Air/Rose Apple Fruits</b>	257.83	247.60	522.18	352.21	199.10	103.90	335.98
<b>Jambu Biji/Guava</b>	82.25	105.90	184.92	131.02	238.77	59.63	105.65
<b>Jeruk Besar dan Jeruk Keprok/ Pomelo and Tangerine</b>	24.00	16.00	23.50	36.30	-	-	-
<b>Zurzaak/Soursop</b>	3.75	13.28	110.88	674.35	48.36	27.85	18.82
<b>Belimbing/Star Fruits</b>	132.67	71.42	194.88	173.91	566.65	114.75	223.63
<b>Pisang/Banana</b>	409.10	656.37	347.08	397.45	738.67	302.90	319.15
<b>Jumlah/Total</b>	<b>1,735.30</b>	<b>3,237.00</b>	<b>10,036.57</b>	<b>8,108.36</b>	<b>4,044.45</b>	<b>2,290.83</b>	<b>4,249.36</b>

Sumber  
Source

: Dinas Ketahanan Pangan dan Pertanian  
: Department of Food Defense and Farming of Surabaya



**Populasi Ternak dan Unggas Menurut Jenisnya Tahun  
2011 - 2016**

**Tabel V. 6**

*Livestock and Poultry Populations by Type of Livestock*

Jenis Ternak/ <i>Type of Livestock</i>	2011	2012	2013	2014	2015	2016
	(1)	(2)	(3)	(4)	(5)	(6)
Sapi/ <i>Cow</i>	508	327	218	116	113	242
Sapi Perah/ <i>Diary Cow</i>	658	606	517	498	492	530
Kerbau/ <i>Buffalo</i>	42	49	31	27	27	79
Kuda/ <i>Horse</i>	-	-	-	4	-	30
Kambing/ <i>Goat</i>	4,096	3,352	3,097	2,264	1,024	1,680
Domba/ <i>Sheep</i>	1,210	839	710	187	163	512
Babi/ <i>Pig</i>	-	-	-	-	-	-
Itik/ <i>Duck</i>	6,959	5,609	4,602	3,157	2,521	6,890
Ayam/ <i>Hen</i>	35,614	41,003	34,097	20,325	39,471	28,389

Sumber : Dinas Ketahanan Pangan dan Pertanian  
Source : Department of Food Defense and Farming of Surabaya



**Banyaknya Ternak yang Dipotong Menurut Jenisnya Per Bulan  
Tahun 2016**

**Tabel V. 7**

*Number of Slaughtered Livestock by Type of Livestock per Month*

<b>Bulan/ Month</b>	<b>Sapi/ Kerbau/ Cow/Buffalo</b>	<b>Kambing/ Goat</b>	<b>Domba/ Sheep</b>	<b>Babi/ Pig</b>	<b>Jumlah/ Total</b>
(1)	(2)	(3)	(4)	(5)	(6)
Januari/January	6,696	1,034	474	2,996	11,200
Pebruari/Pebruary	6,562	1,030	423	3,155	11,170
Maret/March	6,946	912	483	2,980	11,321
April/April	6,932	1,080	475	2,898	11,385
Mei/May	6,279	957	550	2,925	10,711
Juni/June	7,166	985	578	3,033	11,762
Juli/July	7,244	1,154	608	2,707	11,713
Agustus/August	5,066	1,106	466	2,446	9,084
September/September	4,071	1,065	373	2,840	8,349
Oktober/October	4,823	1,020	385	2,945	9,173
Nopember/Nopember	4,830	988	444	2,841	9,103
Desember/December	6,405	1,080	523	3,318	11,326
<b>Jumlah/Total</b>	<b>73,020</b>	<b>12,411</b>	<b>5,782</b>	<b>35,084</b>	<b>126,297</b>
2015	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 Ketahanan Pangan dan Pertanian  
**Source** : Department of Food Defense and Farming of Surabaya



**Rekapitulasi Vaksinasi Avian Influenza (Flu Burung) di  
Surabaya Tahun 2011 - 2016**

**Tabel V.8**

*Recap of Vaccine for Avian Influenza in Surabaya*

<b>Jenis Hewan yang Divaksin</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>	<i>(7)</i>
Ayam	62,477	67,944	62,730	59,323	56,616	24,051
Itik	11,895	9,200	5,872	5,121	3,367	6,601
Angsa	1,522	1,472	845	875	531	191
Burung	950	1,458	-	-	-	-
Kalkun	57	69	43	31	110	289
<b>Jumlah/ Total</b>	<b>76,901</b>	<b>80,143</b>	<b>69,490</b>	<b>65,350</b>	<b>60,624</b>	<b>31,132</b>

**Sumber : Dinas Ketahanan Pangan dan Pertanian**  
*Source : Department of Food Defense and Farming of Surabaya*



**Banyaknya Vaksinasi Avian Influenza (Flu Burung)  
menurut Jenis Hewan Tahun 2016**

**Tabel V. 9**

*Number of Avian Virus Vaccinations by Animals*

Waktu Pelaksanaan (Bulan)	Jenis Hewan yang Divaksin					Jumlah
	Ayam	Itik	Angsa	Burung	Kalkun	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Januari/January	-	-	-	-	-	-
Pebruari/Pebruary	-	-	-	-	-	-
Maret/March	4,008	356	25	-	43	4,432
April/April	4,112	700	31	-	41	4,884
Mei/May	3,950	370	35	-	39	4,394
Juni/June	-	-	-	-	-	-
Juli/July	-	-	-	-	-	-
Agustus/August	3,781	4,265	22	-	46	8,114
September/September	2,500	305	20	-	28	2,853
Okttober/October	2,900	310	28	-	45	3,283
Nopember/Nopember	2,800	295	30	-	47	3,172
Desember/December	-	-	-	-	-	-
<b>Jumlah/ Total</b>	<b>24,051</b>	<b>6,601</b>	<b>191</b>	<b>-</b>	<b>289</b>	<b>31,132</b>
2015	56,616	3,367	531	-	110	60,624
2014	59,324	5,121	875	-	31	65,351
2013	62,730	5,872	845	-	43	69,490
2012	67,644	9,200	1,472	1,458	69	79,843

**Sumber : Dinas Ketahanan Pangan dan Pertanian**  
*Source : Department of Food Defense and Farming of Surabaya*


**Produksi Ikan Laut dan Ikan Darat (Ton) Tahun  
2008 - 2016**
**Tabel V. 10**
*Sea and Freshwater Fish Production (Ton)*

<b>Tahun/Year</b>	<b>Laut/Sea</b>	<b>Darat</b>				<b>Jumlah/ Total</b>
		<b>Tambak/ Fishpond</b>	<b>Air Tawar/ Fresh Water</b>	<b>Perairan Umum/ Public</b>	<b>Karamba</b>	
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>	<i>(7)</i>
2008	8,863.60	8,198.90	169.40	223.40	-	17,455.30
2009	9,307.10	8,608.70	177.80	233.10	-	18,326.70
2010	9,493.20	9,043.30	267.70	244.80	-	19,049.00
2011	7,119.89	7,923.84	923.67	264.55	-	16,231.95
2012	7,031.16	7,593.18	991.86	269.27	143.78	16,029.25
2013	7,441.27	6,906.10	1,065.18	273.14	147.21	15,832.90
2014	7,292.45	6,542.09	1,033.02	277.02	140.76	15,285.34
2015	6,840.06	6,785.15	1,101.27	88.49	139.18	14,954.15
2016	10,578.30	6,915.03	1,116.48	93.38	144.82	18,848.01

**Sumber**  
*Source*
**: Dinas Ketahanan Pangan dan Pertanian**  
*: Department of Food Defense and Farming of Surabaya*


**Produksi Ikan Darat Menurut Tempat Penangkapan dan Jenis Ikan Tahun 2010-2016**
**Tabel V. 11**
*Production of Freshwater Fish based on the place and Type of Fish*

<b>Tempat Penangkapan</b> <b>Jenis</b> <b>Ikan/Catching</b> <b>Point/Type of Fish</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>Tambak/Fishpond</b>							
- <b>Bandeng/Milkfish</b>	6,433.97	5,431.93	5,115.42	4,760.71	4,566.91	4,849.97	4,946.97
- <b>Udang Putih/ White Shrimp</b>	434.00	574.30	446.84	365.90	301.08	304.96	309.23
- <b>Udang Windu/Large Prawn</b>	407.01	398.20	373.01	290.17	242.86	243.62	247.28
- <b>Udang Vannamei</b>	1,325.33	1,106.79	1,101.86	969.66	846.74	870.29	885.95
<b>Lain-lain</b>	442.99	421.62	556.05	520.47	503.09	516.31	525.60
<b>Sub Jumlah/Sub Total</b>							
	9,043.30	7,932.84	7,593.18	6,906.91	6,460.68	6,785.15	6,915.03
<b>Air Tawar/Fresh Water</b>							
- <b>Tawes</b>	24.86	14.92	14.96	14.53	13.35	13.78	13.78
- <b>Tombro</b>	19.20	11.52	11.60	10.91	10.48	10.89	11.01
- <b>Mujair</b>	0.64	0.38	0.46	0.62	0.60	0.62	0.65


**Lanjutan**  
*Continue*

<b>Tempat Penangkapan</b> <b>Jenis Ikan/Catching Point/Type of Fish</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
- <b>Lain-lain</b> <b>(Campur)/</b> <i>Other (mixed)</i>	222.97	896.84	964.84	1,018.07	1,020.52	1,075.98	1,091.04
<b>Sub Jumlah/Sub Total</b>	267.67	923.66	991.86	1,044.13	1,044.95	1,101.27	1,116.48
<b>Perairan Umum/Public</b>							
- <b>Tawes</b>	94.78	47.63	48.47	49.15	49.87	25.66	22.90
- <b>Tombro</b>	-	-	-	-	-	-	-
- <b>Mujair</b>	8.85	39.68	40.39	41.00	41.56	13.27	15.60
- <b>Lain-lain</b> <b>(Campur)/</b> <i>Other (mixed)</i>	141.20	177.24	180.41	182.99	185.59	9.56	54.88
<b>Sub Jumlah/Sub Total</b>	244.83	264.55	269.27	273.14	277.02	88.49	93.38
<b>Karamba</b>							
- <b>Nila</b>	-	-	-	-	-	-	-
- <b>Patin</b>	-	-	-	-	-	-	-
- <b>Lele</b>	-	-	143.78	147.21	142.29	139.18	144.82
- <b>Lain-lain</b>	-	-	-	-	-	-	-
<b>Sub Jumlah/Sub Total</b>	-	-	143.78	147.21	142.29	139.18	144.82
<b>Jumlah/ Total</b>	<b>9,555.80</b>	<b>9,121.05</b>	<b>8,998.09</b>	<b>8,371.39</b>	<b>7,924.94</b>	<b>8,114.09</b>	<b>8,269.71</b>

Sumber  
Source

: Dinas Ketahanan Pangan dan Pertanian  
: Department of Food Defense and Farming of Surabaya



**Banyaknya Nelayan, Pengusaha Tambak dan Rata-rata  
Pendapatannya Tahun 2010 - 2016**

**Tabel V. 12**

*Number of Fishermen, Fishpond Entrepreneur, Income Average and  
Cultivated Fishpond*

Tahun/ Year	Nelayan/Fisherman			Pengusaha Tambak/ Fishpond Entrepreneur		
	Motorisasi/ Motorized	Tradisional / Traditional	Jumlah/ Total	Rata2 Pend./ Income Average	Jumlah/ Total	Rata2 Pend./ Income Average
(1)	(2)	(3)	(4)	(5)	(6)	(7)
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
2015	1,660	357	2,017	5,687,335	900	5,486,772
2016	1,800	466	2,266	6,101,336	781	5,867,664

**Sumber**  
*Source*

**: Dinas Ketahanan Pangan dan Pertanian**  
*: Department of Food Defense and Farming of Surabaya*



**Target dan Realisasi Intensifikasi Tanaman Padi  
(Ha) 2001/2002 - 2015/2016**

**Tabel V. 13**

*Target and Realization of Paddy's  
Intensification (Ha) 2001/2002 - 2015/2016*

<b>Tahun/Year</b>	<b>Target (Ha)</b>	<b>Realisasi</b>	<b>Presentase</b>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>
2001/2002	3,107.00	1,370.00	77.52
2002/2003	1,899.00	1,728.00	91.00
2003/2004	2,027.00	1,300.00	64.43
2004/2005	1,700.00	1,373.00	80.76
2005/2006	1,486.00	1,482.00	99.73
2006/2007	1,400.00	1,660.00	118.54
2007/2008	1,388.00	2,886.00	215.70
2008/2009	1,449.00	2,886.00	199.17
2009/2010	1,500.00	2,886.00	199.17
2010/2011	1,454.00	2,886.00	192.40
2011/2012	3,153.00	2,379.00	75.45
2012/2013	3,029.00	2,004.00	66.16
2013/2014	2,860.00	1,673.00	58.50
2014/2015	1,956.00	1,868.00	95.50
2015/2016	2,126.00	2,286.00	95.50
<b>Jumlah</b>	<b>30,534.00</b>	<b>30,667.00</b>	<b>1,729.53</b>

**Sumber** : Dinas Ketahanan Pangan dan Pertanian  
*Source* : Department of Food Defense and Farming of Surabaya



**Realisasi Luas Tanaman Padi Varietas Unggul  
dan Varietas Lokal menurut Jenisnya (Ha)**  
**Tahun 2010 - 2016**

Tabel V. 14

*Realization of Area Varietas Paddy Area  
and Local Varietas by Kind (Ha)*

Jenis Tanaman/ <i>Type of Crops</i>	2010 (1)	2011 (2)	2012 (3)	2013 (4)	2014 (5)	2015 (6)	2016 (7)	
<b>Varietas</b>								
<b>Unggul/Varietas Paddy Area</b>								
IR - 36	-	-	-	-	-	-	-	-
IR - 54	-	-	-	-	-	-	-	-
IR - 64	2,601.00	2,538.00	2,009.00	2,135.00	502.00	560.00	685.80	
GH - 33 (Cisedane)	-	-	-	-	-	-	-	-
S e d a n g	-	-	-	-	-	-	-	-
Kruing Aceh	-	-	-	-	-	-	-	-
Cisanggarung	-	-	-	-	-	-	-	-
<b>Varietas Unggul</b>								
Lainnya/Varietas Paddy Area Other Varietas	115.00	86.00	61.00	34.00	1,171.00	1,308.00	1,600.00	
<b>Lokal/Local Varietas</b>								
Lokal/Local Varietas	365.00	200.00	-	-	-	-	-	
<b>Jumlah/Total</b>	<b>3,081.00</b>	<b>2,824.00</b>	<b>2,070.00</b>	<b>2,169.00</b>	<b>1,673.00</b>	<b>1,868.00</b>	<b>2,285.80</b>	

**Sumber** : Dinas Ketahanan Pangan dan Pertanian  
**Source** : Department of Food Defense and Farming of Surabaya



**Luas Lahan Pertanian yang Diusahakan  
menurut Jenis Pengairan per Kecamatan (Ha)  
Tahun 2016**

**Tabel V. 15**

*Cultivated Agricultural areas by Type of  
Irrigations and Sub District (Ha)*

<b>Kecamatan/ Sub District</b>	<b>Jenis Pengairan/Type of Irrigations</b>			<b>Jumlah/ Total</b>
	<b>Teknis/ Technical</b>	<b>Setengah Teknis/Semi Technical</b>	<b>Sederhana/ Traditional</b>	
	<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>
<b>Surabaya Pusat/Central Surabaya</b>				
Tegalsari	-	-	-	-
Genteng	-	-	-	-
Bubutan	-	-	-	-
Simokerto	-	-	-	-
<b>Surabaya Utara/North Surabaya</b>				
Pabean Cantikan	-	-	-	-
Semampir	-	-	-	-
Krembangan	-	-	-	-
Kenjeran	-	-	-	-
Bulak	-	-	29	29
<b>Surabaya Timur/East Surabaya</b>				
Tambaksari	-	-	-	-
Gubeng	-	-	-	-
Rungkut	-	-	-	-
Tenggilis Mejoyo	-	-	-	-
Gununganyar	-	-	-	-
Sukolilo	-	-	-	-
Mulyorejo	-	-	-	-
<b>Surabaya Selatan/South Surabaya</b>				
Sawahan	-	-	-	-
Wonokromo	-	-	-	-


**Lanjutan**  
*Continue*

<b>Kecamatan/ Sub District</b>	<b>Jenis Pengairan/Type of Irrigations</b>				<b>Jumlah/ Total</b>
	<b>Teknis/ Technical</b>	<b>Setengah Teknis/Semi Technical</b>	<b>Sederhana/ Traditional</b>		
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	
Karangpilang	-	-	-	-	-
Dukuh Pakis	-	-	-	-	-
Wiyung	-	-	-	-	-
Wonocolo	-	-	3	3	3
Gayungan	-	-	3	3	3
Jambangan	-	-	-	-	-
<b>Surabaya Barat/West Surabaya</b>					
Tandes	-	-	-	-	-
Sukomanunggal	-	-	-	-	-
Asemrowo	-	-	-	-	-
Benowo	-	-	-	-	-
Pakal	-	-	-	-	-
Lakarsantri	-	-	-	-	-
Sambikerep	-	-	-	-	-
<b>Jumlah/Total</b>	-	-	<b>35</b>	<b>35</b>	
<b>2015</b>	-	-	167	167	
<b>2014</b>	-	-	158	158	
<b>2013</b>	-	-	235	235	
<b>2012</b>	-	-	378	378	

**Sumber**  
*Source*

: Dinas Ketahanan Pangan dan Pertanian  
*: Department of Food Defense and Farming of Surabaya*



**Banyaknya Tanaman Buah-Buahan yang berproduksi  
menurut Jenis Tanaman (pohon) Tahun 2011 - 2016**

**Tabel V. 16**

*Number of Productive Fruity Trees by Type Fruit  
(Trees)*

<b>Jenis Tanaman</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>	<i>(7)</i>
<b>Mangga/Mango</b>	1896	2344	2198	1196	881	709
<b>Jambu Air/Rose Apple Fruits</b>	480	539	485	412	218	239
<b>Jambu Biji/Guava</b>	34	35	33	29	28	30
<b>Jeruk Besar dan Jeruk Keprok/ Pomelo and Tangerine</b>	3	6	12	0	0	0
<b>Zurzaak/Soursop</b>	8	15	14	8	7	6
<b>Belimbing/Star Fruits</b>	76	88	85	70	63	66
<b>Pisang/Banana</b>	50	43	40	32	28	27
<b>Jumlah/ Total</b>	<b>2,547</b>	<b>3,070</b>	<b>2,867</b>	<b>1,747</b>	<b>1,225</b>	<b>1,077</b>

**Sumber : Dinas Ketahanan Pangan dan Pertanian**  
*Source : Department of Food Defense and Farming of Surabaya*



**Banyaknya Penangkap Ikan menurut Jenisnya Tahun  
2010 - 2016**

**Tabel V. 17**

*Number of Fish Catchers by Type of Instrument*

<b>Penangkapan Ikan/Fish Catcher</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Jaring Insang/ Gill Nets	2,702	2,811	2,846	2,866	2,868	2,914	2,934
2. Perangkap/Pitfall	-	-	484	484	484	484	484
3. Pancing/ Fishhookl & Line	1,103	1,043		1,036	1,042	1,043	1,023
4. Lainnya/ Other	471	528	54	54	54	54	54
<b>Jumlah</b>	<b>4,276</b>	<b>4,382</b>	<b>4,420</b>	<b>4,446</b>	<b>4,449</b>	<b>4,475</b>	<b>4,522</b>

Sumber : Dinas Ketahanan Pangan dan Pertanian  
Source : Department of Food Defense and Farming of Surabaya