



Agricultural Crop Report

**Kings
County
2015**

Welcome to the world of hybridized fruits. Can you guess the family history of a pluot or aprium? How about any of the following: blood lime, limequat, nectaplum, peacotum, pluerry, rabbage, tangelo, or tayberry?*

While traditional staples like grapes, peaches and apples remain in our fruit bowls, crossed fruits have sparked interest in consumers seeking new tastes. Hybrid fruits have been appearing more readily in our grocery stores, farmers markets, and backyard orchards over the last few decades. Some, like pluots, are so prevalent even children know a few of them as “dinosaur eggs.” Others, such as the boysenberry have been around so long that many do not recognize the berry as a hybrid (blackberry x raspberry).

Being considered a hybrid fruit does not necessarily make it a genetically modified organism (GMO). Generally, GMOs have had their DNA modified using genetic engineering technology. Such technology is not required to create a hybrid fruit.



Hybridization or hybrid creation constantly occurs naturally through random cross-pollination. This process is carried out by insects, birds, wind, and other natural factors. However, the process may be accelerated through hand-pollination techniques. Desirable traits in these crosses are then cultivated over successive generations. These are then propagated through grafts and cuttings, eventually perfecting a hybridized fruit. This process is both labor and time intensive, sometimes taking many years from early development to the marketplace.

Crossed fruit can offer growers a number of benefits, such as higher quality, increased yields, specific harvest periods, lower chill requirements and various stress tolerances. While a farmer may benefit, consumers benefit as well by being offered a myriad of varieties that vary in color, flavor, and texture. Just stop by your local summertime farmers’ market and enjoy the near-weekly rotation of fruits available, such as pluots and apriums. You’re sure to find a fruit to your liking.

Kings County has a number of growers producing hybrid fruits, including pluots, apriums, and the cherry plum. This cherry plum hybrid, developed exclusively for a local grower, takes desirable qualities from its cherry and plum lineage including flavor, color, sweetness, and size.

For some hybrid fruits like pluots and tangelos, their place in the market and people's homes is secure. Consumers with curious palates and growers seeking new varieties to farm will continue to generate new hybridized fruits. What new combinations can we expect in the future?

* Pluot (Plum x Apricot), Aprium (Apricot x Plum), Blood Lime (Red Finger Lime x Mandarin), Limequat (Keylime x Kumquat), Nectaplum (Nectarine x Plum), Peacotum (Peach x Apricot x Plum), Pluerry (Plum x Cherry), Rabbage (Cabbage x Radish), Tangelo (Tangerine x Pomelo or grapefruit), Tayberry (Blackberry x Raspberry).



Department of Agriculture / Measurement Standards

TIMNISWANDER
Agricultural Commissioner
Sealer of Weights and Measures

June 28, 2016

Secretary Karen Ross
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Kings, California

It is my privilege to submit to you the 2015 Annual Agricultural Crop Report for the County of Kings. This report contains statistical information on the acreage, yield and gross values in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code. The numbers in this report are gross values and do not represent net income or loss to producers.

The gross value of all agricultural crops and products produced during 2015 in Kings County was \$2,021,052,000. This represents a decrease of \$450,694,000 (18.2%) from the 2014 value.

Livestock and Poultry had the largest increase in value at \$48,097,000 (23.2%) due primarily to increases in beef prices. The only other category to see an increase was Apiary Products, which increased in value \$893,000 (43.3%) due primarily to higher pollination prices.

Livestock and Poultry Products had the largest decrease in value at \$317,485,000 (32.6%) due to lower milk prices. Field Crops decreased in value \$98,688,000 (20.3%) due primarily to lower hay and pima cotton prices. Fruit and Nut Crops decreased in value \$55,717,000 (9.8%) due mainly to lower pistachio production and lower walnut prices. Vegetable crops decreased \$23,429,000 (10.7%) due primarily to lower processing tomato acreage and prices. Seed Crops decreased \$4,365,000 (50.3%) due mainly to less acreage.

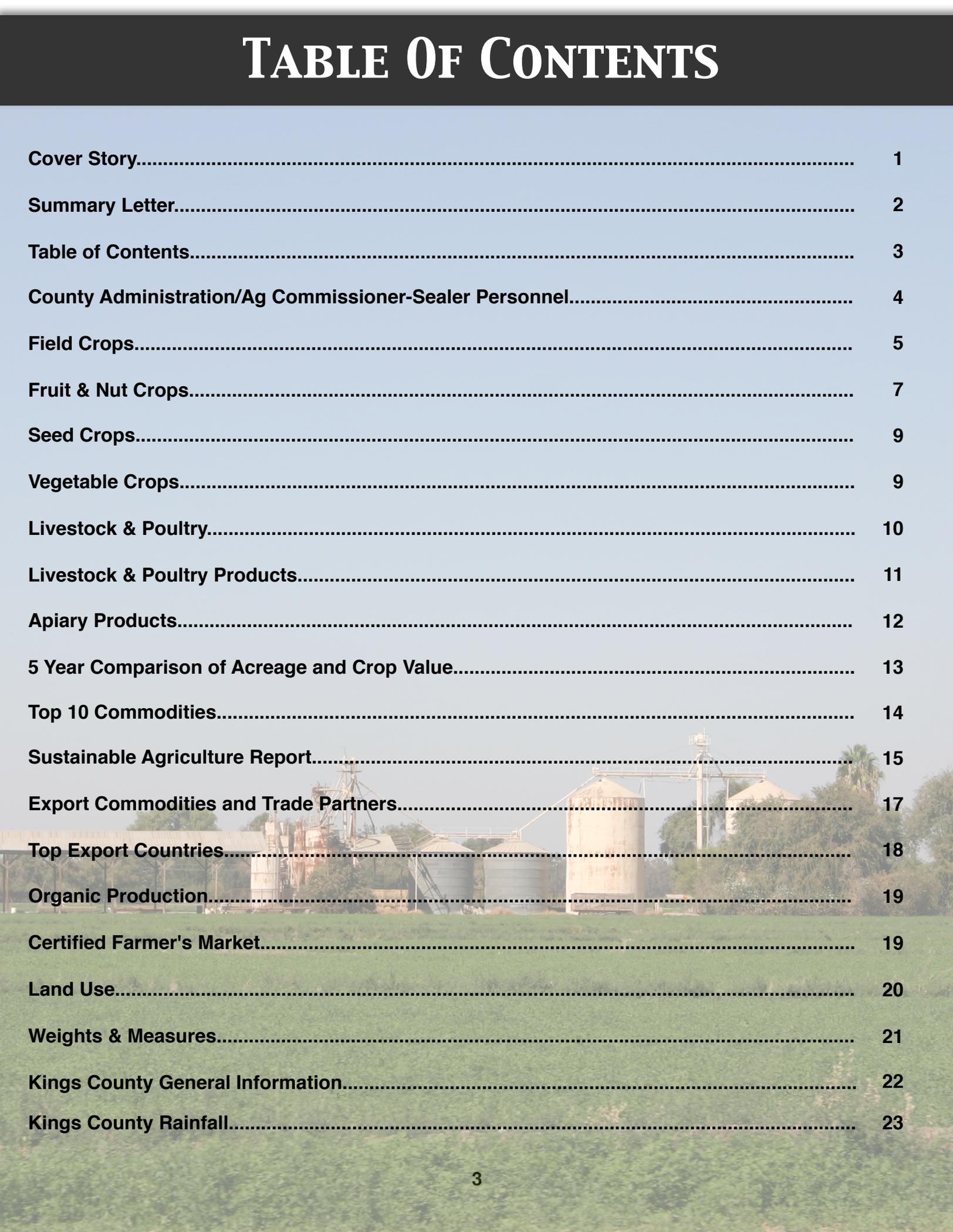
Milk continues to be the top commodity with a value of \$651,701,000 in 2015.

My thanks and appreciation is extended to the many producers and organizations who contributed information for this report. This report was compiled and prepared by Janet Eckles, Agricultural and Standards Inspector, Sonya Hernandez, Agricultural and Standards Inspector and Steve Schweizer, Deputy Agricultural Commissioner/Sealer, with assistance from Randall Bray, Agricultural and Standards Aide.

Respectfully Submitted,

Tim Niswander

TABLE OF CONTENTS



Cover Story..... 1

Summary Letter..... 2

Table of Contents..... 3

County Administration/Ag Commissioner-Sealer Personnel..... 4

Field Crops..... 5

Fruit & Nut Crops..... 7

Seed Crops..... 9

Vegetable Crops..... 9

Livestock & Poultry..... 10

Livestock & Poultry Products..... 11

Apiary Products..... 12

5 Year Comparison of Acreage and Crop Value..... 13

Top 10 Commodities..... 14

Sustainable Agriculture Report..... 15

Export Commodities and Trade Partners..... 17

Top Export Countries..... 18

Organic Production..... 19

Certified Farmer's Market..... 19

Land Use..... 20

Weights & Measures..... 21

Kings County General Information..... 22

Kings County Rainfall..... 23

COUNTY ADMINISTRATION

AG COMMISSIONER – SEALER PERSONNEL

Kings County Board of Supervisors

Joe A. Neves	District I	Richard Valle	District II
Doug Verboon	District III	Craig Pedersen	District IV
	Richard Fagundes	District V	

County Administrative Officer

Larry Spikes

Agricultural Commissioner - Sealer of Weights and Measures

Tim Niswander

Deputy Agricultural Commissioner - Sealers

Jimmy Hook Rusty Lantsberger Steve Schweizer

Agricultural and Standards Inspectors

Tom Chambers	Janet Eckles	Vince Evans	Mario Gutierrez	Sonya Hernandez
Michael Leoni	Garen Oliveira	Bruce Perez	Jason Perez	
Rafael Perla	Alfredo Prieto	Lynda Schrupf	Robert Torrez	Shanna Vickers

Agricultural and Standards Aides

Randall Bray Garrett Roe

Executive Secretary

Jennifer Rios

Account Clerk

Julie Henderson

Office Assistants

Chelsey Huckabay

Sue Shanahan

FIELD CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Alfalfa, Hay	2015	38,890	7.48	290,897	Ton	\$182.00	\$52,943,000
	2014	36,597	8.17	298,997	Ton	\$252.00	\$75,347,000
Alfalfa, Silage	2015	635	4.81	3,054	Ton	\$38.90	\$119,000
	2014	6,432	2.63	16,916	Ton	\$55.30	\$935,000
Alfalfa, Silage All Year	2015	2,251	38.60	86,889	Ton	\$38.50	\$3,345,000
	2014	1,927	35.39	68,197	Ton	\$54.20	\$3,696,000
Alfalfa, Stubble	2015	9,723			Ton	\$25.00	\$243,000
	2014	9,149			Ton	\$25.00	\$229,000
Barley, Silage a/	2015	5,965	12.42	74,085	Ton	\$41.50	\$3,075,000
	2014				Ton		
Corn, Silage	2015	42,194	25.96	1,095,356	Ton	\$52.60	\$57,616,000
	2014	51,121	25.61	1,309,209	Ton	\$65.20	\$85,360,000
Cotton, Acala - Lint b/	2015	4,727	3.43	16,214	Bale	\$487.00	\$7,896,000
	2014	6,710	3.57	23,955	Bale	\$451.00	\$10,804,000
Cotton, Acala - Seed	2015			7,015	Ton	\$411.00	\$2,883,000
	2014			10,365	Ton	\$380.00	\$3,939,000
Cotton Pima - Lint b/	2015	65,015	3.07	199,596	Bale	\$687.00	\$137,122,000
	2014	68,353	3.12	213,261	Bale	\$871.00	\$185,750,000
Cotton Pima - Seed	2015			86,360	Ton	\$340.00	\$29,362,000
	2014			92,272	Ton	\$337.00	\$31,096,000
Oat, Hay	2015	1,323	3.12	4,128	Ton	\$111.00	\$458,000
	2014	1,085	3.74	4,058	Ton	\$188.00	\$763,000
Oat, Silage	2015	815	10.50	8,558	Ton	\$97.20	\$832,000
	2014	593	14.41	8,545	Ton	\$42.20	\$361,000
Pasture Range	2015	312,330			Ton	\$8.03	\$2,508,000
	2014	295,509			Ton	\$3.00	\$887,000

FIELD CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Sorghum, Silage	2015	15,310	18.11	277,264	Ton	\$35.80	\$9,926,000
	2014	13,064	16.20	211,637	Ton	\$49.40	\$10,455,000
Sudan, Hay c/	2015						
	2014	274	5.38	1,474	Ton	\$162.00	\$239,000
Triticale, Silage	2015	3,045	13.64	41,534	Ton	\$40.90	\$1,699,000
	2014	3,037	15.43	46,861	Ton	\$49.50	\$2,320,000
Wheat, Grain	2015	22,681	3.14	71,218	Ton	\$259.00	\$18,445,000
	2014	15,356	3.25	49,907	Ton	\$268.00	\$13,375,000
Wheat, Hay	2015	562	3.89	2,186	Ton	\$75.80	\$166,000
	2014	549	4.03	2,212	Ton	\$216.00	\$478,000
Wheat, Silage	2015	44,583	17.17	765,490	Ton	\$41.10	\$31,462,000
	2014	44,684	17.23	769,905	Ton	\$51.30	\$39,496,000
Other d/	2015	58,238					\$27,431,000
	2014	38,391					\$20,689,000
Total	2015	628,287					\$387,531,000
	2014	592,831					\$486,219,000

a/ Previously included in "Other"

b/ 495 lbs. = 1 bale

c/ Currently included in "Other"

d/ Includes barley hay, beans-dry, corn-grain, forage, hay-other, pasture irrigated, ryegrass, safflower, sudan hay, sudan silage, sugar beets-silage, triticale grain, and wheat straw.



FRUIT & NUT CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Almonds	2015	21,455	1.03	22,099	Ton	\$7,570.00	\$167,289,000
	2014	19,422	1.11	21,558	Ton	\$7,150.00	\$154,140,000
Almond Hulls	2015			44,198	Ton	\$126.00	\$5,569,000
	2014			43,116	Ton	\$150.00	\$6,467,000
Almond Shells	2015			11,050	Ton	\$23.50	\$260,000
	2014			10,779	Ton	\$22.00	\$237,000
Apricots	2015	877	7.33	6,428	Ton	\$1,690.00	\$10,863,000
	2014	766	5.68	4,351	Ton	\$2,010.00	\$8,746,000
Cherries	2015	1,678	3.11	5,219	Ton	\$5,230.00	\$27,295,000
	2014	1,544	1.08	1,668	Ton	\$8,130.00	\$13,561,000
Grapes, Raisin	2015	2,103	3.71	7,802	Ton	\$1,750.00	\$13,654,000
	2014	2,049	2.26	4,631	Ton	\$1,730.00	\$8,012,000
Grapes, Table	2015	865	15.68	13,563	Ton	\$1,370.00	\$18,581,000
	2014	848	15.50	13,144	Ton	\$1,480.00	\$19,453,000
Grapes, Wine	2015	3,328	12.20	40,602	Ton	\$261.00	\$10,597,000
	2014	4,796	11.96	57,360	Ton	\$290.00	\$16,634,000
Grapes, Total	2015	6,296					\$42,832,000
	2014	7,693					\$44,099,000
Nectarines	2015	1,653	10.63	17,571	Ton	\$1,250.00	\$21,964,000
	2014	1,739	9.06	15,755	Ton	\$1,410.00	\$22,215,000
Peaches, Cling	2015	852	18.78	16,001	Ton	\$513.00	\$8,209,000
	2014	808	17.67	14,277	Ton	\$393.00	\$5,611,000
Peaches, Freestone	2015	2,058	11.89	24,470	Ton	\$1,090.00	\$26,672,000
	2014	1,953	10.16	19,842	Ton	\$1,280.00	\$25,398,000
Peaches, Total	2015	2,910					\$34,881,000
	2014	2,761					\$31,009,000

FRUIT & NUT CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Pistachios	2015	20,373	0.68	13,854	Ton	\$6,190.00	\$85,756,000
	2014	19,187	1.23	23,600	Ton	\$5,770.00	\$136,172,000
Plums	2015	2,138	8.05	17,211	Ton	\$1,250.00	\$21,514,000
	2014	2,032	8.89	18,064	Ton	\$1,240.00	\$22,399,000
Walnuts	2015	14,853	2.11	31,340	Ton	\$1,770.00	\$55,472,000
	2014	14,420	1.88	27,110	Ton	\$3,470.00	\$94,072,000
Other a/	2015	4,660					\$39,606,000
	2014	7,219					\$35,901,000
TOTAL	2015	76,893					\$513,301,000
	2014	76,783					\$569,018,000

a/ Includes apples, aprium, blackberries, blueberries, cherry-plums, farmers market crops, firewood, jujube, kiwifruit, oranges, olives, pears, pecans, persimmons, pluots, pomegranates, prunes, quince, strawberries, and tangerines.



SEED CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Seed Crops a/	2015	4,790					\$4,315,000
	2014	4,539*					\$8,680,000

a/ Includes alfalfa certified, asparagus, broccoli, cabbage, carrot, cotton certified, flower, lettuce, and onion, radish, and wheat.
* Revision



VEGETABLE CROPS

Crop	Year	Harvested Acres	Production Per Acre	Total	Unit	Value Per Unit	Total
Tomatoes, Processed	2015	31,029	54.99	1,706,285	Ton	\$77.20	\$131,725,000
	2014	34,003	52.95	1,800,459	Ton	\$81.10	\$146,017,000
Other a/	2015	9,528					\$64,139,000
	2014	13,207					\$73,276,000
TOTAL	2015	40,557					\$195,864,000
	2014	47,210					\$219,293,000

a/ Includes asparagus, bell peppers, broccoli, cabbage, cantaloupe, carrots, corn sweet, garlic processed, miscellaneous melons, onions fresh, onions processed, parsley, radicchio, squash, tomatoes fresh, tomato transplants, and watermelons.

INVENTORIES OF LIVESTOCK & POULTRY

Item	December, 2015 Number of Head	December, 2014 Number of Head
Cattle and Calves		
All	425,000	420,000
Dairy Cows 2 Years and Over	185,000	183,775
Cattle and Calves on Feed	5,700	5,400
Other	234,300	230,825
Sheep and Lambs		
	10,025	10,557
Goats	16,544	11,437
Hogs and Pigs	218	154
Turkeys	1,043,880	264,456

LIVESTOCK & POULTRY

Item	Year	Number of Head	Total Liveweight	Unit	Value Per Unit	Total
Cattle and Calves a/	2015	221,878		Head	\$1020.00	\$226,316,000
	2014	215,305		Head	\$809.00	\$174,182,000
Turkeys	2015	1,043,880	32,845,782	Lb.	\$0.85	\$27,919,000
	2014	1,057,826	30,156,834	Lb.	\$1.01	\$30,458,000
Other b/	2015	27,158				\$875,000
	2014	29,697				\$2,373,000
TOTAL	2015	1,292,916				\$255,110,000
	2014	1,302,828				\$207,013,000

a/ Includes breeding stock value in total.

b/ Includes chickens, goats, hogs, pigs, sheep, and lambs.

LIVESTOCK & POULTRY PRODUCTS

Item	Year	Total Production	Unit	Value Per Unit	Total
Manure	2015	625,258	Ton	\$6.00	\$3,752,000
	2014	619,184	Ton	\$4.22	\$2,613,000
Milk, Market	2015	42,691,126	Cwt.	\$15.20	\$648,905,000
	2014	44,156,830	Cwt.	\$21.90	\$967,035,000
Milk, Mfg.	2015	32,452	Cwt.	\$17.20	\$558,000
	2014	30,492	Cwt.	\$23.30	\$710,000
Milk, Goats	2015	62,330	Cwt.	\$35.90	\$2,238,000
	2014	71,818	Cwt.	\$36.00	\$2,585,000
Milk Total	2015	42,785,908	Cwt.		\$651,701,000
	2014	44,259,140	Cwt.		\$970,330,000
Wool a/	2015	66,217	Lb.	\$1.54	\$102,000
	2014	66,509	Lb.	\$1.46	\$97,000
TOTAL	2015				\$655,555,000
	2014				\$973,040,000

a/ Price does not include wool incentive



APIARY PRODUCTS

Item	Year	Total Production	Unit	Value Per Unit	Total
Honey	2015	182,988	Lb.	\$1.91	\$350,000
	2014	367,302	Lb.	\$2.05	\$753,000
Beeswax	2015	4,148	Lb.	\$2.89	\$12,000
	2014	12,085	Lb.	\$3.25	\$39,300
Seed Alfalfa	2015	6,176	Colonies	\$60.00	\$371,000
	2014	4,920	Colonies	\$35.00	\$172,000
Tree Fruit & Nuts a/	2015	48,049	Colonies	\$176.00	\$8,457,000
	2014	44,181	Colonies	\$167.00	\$7,378,000
Melons	2015	573	Colonies	\$35.00	\$20,100
	2014	1,102	Colonies	\$35.00	\$38,600
Vegetable Seed	2015	2,767	Colonies	\$60.00	\$166,000
	2014	1,696	Colonies	\$60.00	\$102,000
TOTAL	2015				\$9,376,000
	2014				\$8,483,000

a/ Includes almonds, cherries, pluots, and plums



AGRICULTURAL QUICK FACTS

Kings County is ranked:

- **8th** among California counties in agricultural production
- **1st** among California counties in the production of cotton lint and cottonseed
- **3rd** among California counties in the production of milk and cream, nectarines, plums, and tomatoes (processing).
- **4th** among California counties in the production of turkeys, apricots, and silage.
- **5th** among California counties in the production of pistachios and peaches.

Information is based on 2014 County Agricultural Commissioners' Crop Reports

5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	2015	2014	2013	2012	2011
Apiary Products	\$9,376,000	\$8,483,000	\$7,801,000	\$6,972,000	\$6,656,000
Field Crops Acreage	\$387,531,000 628,287	\$486,219,000 592,831	\$591,715,000 687,709	\$634,944,000 715,383	*\$612,949,000 *717,408
Fruit & Nut Crops Acreage	\$513,301,000 76,893	\$569,018,000 76,783	\$513,872,000 73,964	\$412,643,000 68,019	\$412,088,000 63,793
Livestock and Poultry	\$255,110,000	\$207,013,000	\$213,050,000	\$265,548,000	\$191,853,000
Livestock and Poultry Products	\$655,555,000	\$973,040,000	\$777,477,000	\$704,865,000	\$811,523,000
Seed Crops Acreage	\$4,315,000 4,790	\$8,680,000 4,539	\$10,274,000 9,840	\$5,858,000 1,079	\$7,485,000 1,732
Vegetable Crops Acreage	\$195,864,000 40,557	\$219,293,000 47,210	\$152,989,000 48,945	\$184,184,000 47,802	\$177,015,000 41,790
TOTAL	\$2,021,052,000	\$2,471,746,000	\$2,267,178,000	\$2,215,014,000	*\$2,219,569,000

*Revised

AGRICULTURAL EFFICIENCY...

Production Per Acre Comparison for Miscellaneous Crops
2015 & 1965

Crop	2015 Production/Acre	Unit	1965 Production/Acre	Unit
Corn, Silage	25.96	Tons	22.20	Tons
Cotton	3.43	Bales	2.18	Bales
Walnuts	2.11	Tons	1.14	Tons
Wheat	3.14	Tons	1.39	Tons

TOP 10 COMMODITIES

Crop	2015 Rank	Dollar Value	2014 Rank	2013 Rank	1965 Rank
Milk, Total	1	\$651,701,000	1	1	5
Cattle and Calves	2	\$226,316,000	3	3	3
Cotton, Total	3	\$177,263,000	2	2	2
Almonds, Total	4	\$173,118,000	4	4	40
Tomatoes, Processed	5	\$131,725,000	5	7	N/A
Pistachios	6	\$85,756,000	6	5	N/A
Corn, Silage	7	\$57,616,000	8	9	18
Alfalfa, Total	8	\$56,650,000	9	8	1
Walnuts	9	\$55,472,000	7	6	17
Grapes, Total	10	\$42,832,000	10	10	10

A LOOK BACK, 50 YEARS AGO.....1965 KINGS COUNTY'S TOP 10 COMMODITIES

Crop	Rank	Dollar Value
Cotton, Total	1	\$37,097,000
Barley, Total	2	\$17,154,000
Cattle & Calves	3	\$16,031,000
Milk, Total	4	\$13,599,000
Alfalfa, Seed	5	\$12,273,000
Safflower, Total	6	\$3,973,600
Corn, Silage	7	\$2,391,000
Peaches	8	\$2,246,800
Melons	9	\$2,041,000
Sugar Beets	10	\$1,920,000
Total		\$108,726,400

SUSTAINABLE AGRICULTURE REPORT

County Biological Control

Pest	Agent/Mechanism	Scope of Program
Puncture Vine <u>Tribulus terrestris</u>	Stem Mining Weevil <u>Microlarinus lypriformis</u>	Generally Distributed
	Seed Head Weevil <u>Microlarinus laerynii</u>	Generally Distributed
Yellow Starthistle <u>Centaurea solstitialis</u>	Seed Head Weevil <u>Bangastemus orientalis</u>	Generally Distributed
	Gall Fly <u>Urophora sirunaseva</u>	Generally Distributed
	Hairy Weevil <u>Eustenopus villosus</u>	Generally Distributed
Ash Whitefly <u>Siphoninus phillyreae</u>	Parasitic Wasp <u>Encarsia partenopea</u>	Generally Distributed
Red Gum Lerp Psyllid <u>Glycaspis brimblecombei</u>	Parasitic Wasp <u>Psyllaephagus bliteus</u>	Generally Distributed
Silverleaf Whitefly <u>Bemisia argentifolii</u>	Parasitic Wasp <u>Eretmocerus sp. (M95104)</u>	Generally Distributed
	<u>Eretmocerus sp. (M95012)</u>	Generally Distributed

County Pest Exclusion

Pest	Agent/Mechanism	Scope of Program
Glassy Winged Sharpshooter 	Nursery Inspections	2096 Shipments Inspected
Gypsy Moth <u>Lymantria dispar</u>	Household Goods Shipments 	11 Shipments Inspected
Various Pests	Truck Shipments	49,710 Units Inspected 

Crops	Activity	Scope of Program
Export Commodities	Phytosanitary Certification	1,131 Issued
Export Seed	Field Inspections 	48 Sites / 1576 Acres

SUSTAINABLE AGRICULTURE REPORT

County Pest Eradication

Pest	Agent/Mechanism	Scope of Program
Pink Bollworm <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	51,105 Acres
Alligatorweed <u>Alternanthera philoxeroides</u>	Visual Inspection Mechanical/Chemical	65 Sites Treated

County Pest Detection

Pest	Number of Traps	Number of Servicing	Type of Trap
All Purpose Fruit Fly	119	120	Champ
Asian Citrus Psyllid	265	3,732	Yellow Panel
European Corn Borer	13	136	Pherocon II
European Grape Vine Moth	502	6,304	Delta
European Pine Shoot Moth	6	24	Pherocon II
Glassy Wing Sharpshooter	67	870	Yellow Panel
Gypsy Moth	80	524	Delta
Japanese Beetle	80	524	Japanese Beetle
Light Brown Apple Moth	154	2,228	Jackson
Mediterranean Fruit Fly	154	2,228	Jackson
Melon Fly	74	730	Jackson
Mexican Fruit Fly	92	2,502	McPhail
Oriental Fruit Fly	154	2,228	Jackson
TOTAL	1,760	22,150	



EXPORT COMMODITIES

Commodities Grown and Exported From Kings County

Alfalfa Seed
Almonds
Apricots
Asparagus Seed
Cherries

Cotton Seed
Grapes
Kiwi
Nectarines
Onion Seed
Peach

Pistachios
Plums
Pluots
Pomegranates
Walnuts



**Export Trade Partners
of Kings County in 2015**

Australia
Bahrain
Brazil
Canada
Chile
China
Costa Rica
Dominican Republic
Egypt
Fiji
France

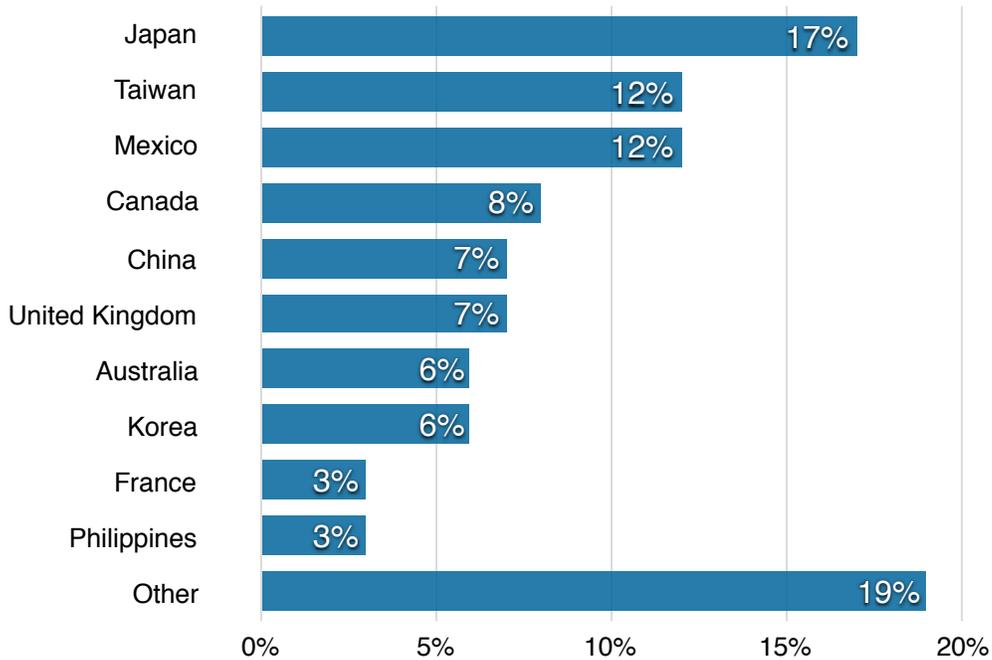
Germany
Greece
Honduras
Hong Kong
India
Israel
Italy
Japan
Jordan
Korea, Republic of
Luxembourg

Malaysia
Mexico
Morocco
Netherlands
New Zealand
Norway
Panama
Peru
Philippines
Portugal
Qatar

Saudi Arabia
Singapore
Spain
Switzerland
Taiwan
Thailand
Turkey
United Arab Emirates
United Kingdom
Uruguay
Vietnam

EXPORT PARTNERS

Percentage of Total Export Certificates Issued 2015



FAIRS AND EXPOSITIONS



ORGANIC PRODUCTION

On 25,889 acres, Kings County growers produced more than 70 organic crops including various nuts, tree fruits, vegetables, flowers, herbs, field crops, and organic fallow farmland. These crop values are included in their respective commodity groups.

Kings County had 27 organic producers and 5 organic handlers in 2015, including 2 new registrations.

In addition, all of Kings County's organic producers were certified or anticipating certification in 2015.



CERTIFIED FARMERS MARKET



Kings County had 19 certified producers in 2015 growing nearly 100 different commodities. Direct marketing and Certified Farmers' Markets (CFM) allow producers to sell the products they have grown directly to consumers.

2015 saw changes in CFMs across the state. New direct marketing laws governing CFMs came into effect January 1, 2015. Amongst the new codes was a signage requirement where growers must identify themselves, their county of production, and a phrase similar to *We Grow What We Sell*.

Thursday Night Market Place	Avenal Park Market	Friday Night Market
Irwin Street, Hanford	Floyd Rice Park, Avenal	Follett & E Street, Lemoore
Thursdays, Weekly	1st Saturday, Monthly	Fridays, Weekly
May to September	May to September	June to August
5:30 PM to 9 PM	5 PM to 9 PM	5 PM to 9 PM

LAND USE

Surrounding Counties	2014 Rank	2014 Gross Value*	Total County Area Acres	Value per Acre	Top Commodity	2014 Gross Value*
Tulare	1	\$8,084,478,000	3,840,000	\$2,105.33	Milk	\$2,533,454,000
Kern	2	\$7,552,160,000	3,112,320	\$2,426.54	Grapes	\$1,503,844,000
Fresno	3	\$7,037,175,000	5,166,720	\$1,362.02	Almonds	\$1,249,728,000
Monterey	4	\$4,493,427,000	2,127,359	\$2,112.21	Strawberries	\$691,200,000
Kings	8	\$2,471,746,000	890,785	\$2,774.80	Milk	\$967,035,000

* Gross Value does not include timber. Values based on annual crop reports.



LAND USE SUMMARY

Land Use Category	2014		2012		Acreage Change
	Acres	Percent	Acres	Percent	
Prime Farmland	112,255	13	118,451	13	-6,196
Farmland of Statewide Importance	365,024	41	376,878	42	-11,854
Unique Farmland	19,219	2	19,863	2	-644
Farmland of Local Importance	11,035	1	11,152	1	-117
Grazing Land	313,864	35	295,814	33	18,050
Urban and Built-Up Land	37,194	4	36,640	4	554
Other Land	32,145	3	31,938	4	207
Water Area	62	0	62	0	0
Total Acres	890,798		890,798		

WEIGHTS & MEASURES

We, in partnership with the California Department of Food and Agriculture, serve the people of California by preserving and defending the measurement standards essential in providing the citizens a basis of value comparison and fair competition in the marketplace.

In Kings County, weights and measures inspectors work to preserve equity in the marketplace. Using specialized and accurate equipment, they perform a multitude of inspections of commercial devices and commodities that touch the lives of people everyday.

In 2015, the Kings County Department of Measurement Standards:

- Verified 196 devices for Service Agencies
- Inspected 2,274 devices including:
 - 186 Counter Scales
 - 12 Livestock & Animal Scales
 - 88 Vehicle Scales
 - 1,222 Retail Motor Fuel Meters (gas pumps) as well as checking for petroleum advertising and labeling compliance
- Verified scanned prices of 2,534 packages and made 130 test purchases in Quantity Control
- Performed 32 weighmaster audits



KINGS COUNTY GENERAL INFORMATION

County Seat	Hanford
County Population (1/1/2015)	153,373*
Population per Square Mile	109
Total Assessed Value (2015)	\$9,427,709,528
Land Area (Square Miles)	1,392
Total Acres	890,798**
Total Harvested Crop Acreage (2015)	750,527
Total Farmland	821,397**
Public Ownership of Land (Acres - 2008)	
Federal	27,313.76
State	4,015.99
County	1,421.61
Local Agencies	3,587.01

Agricultural production ranked 8th among California counties (based on 2014 total value).

Railroads - Burlington Northern Santa Fe, Union Pacific & San Joaquin Railroad.

Major Roads - Interstate 5, Highway 41, Highway 43, Highway 33 & Highway 198.

Water Sources - Kings River, Tule River, Kaweah River, Kern River, & California Aqueduct.

Elevation - 175 feet above sea level at Tulare Lake to 3473 feet above sea level at the Kings/Monterey County line boundary.

Average length of growing season: 272 days.***

Average climate: 196 sunny clear days, 74 partly cloudy days & 95 cloudy days.

Average date of last spring frost: February 24.***

Average date of first fall frost: November 23.***

*Courtesy of the California Department of Finance (Estimate)

**Courtesy of the California Department of Conservation

***Courtesy of The Old Farmer's Almanac

RAINFALL - HANFORD, CA

YEAR	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1965-66	0.00	0.05	0.07	0.05	2.15	1.97	0.63	0.71	0.10	0.00	0.07	0.00	5.80
1966-67	0.04	0.00	0.29	0.09	1.28	2.57	1.41	0.05	2.42	2.95	0.07	0.06	11.23
1967-68	0.00	0.00	0.31	0.00	1.99	0.50	0.62	0.64	1.00	0.50	0.08	0.23	5.87
1968-69	0.00	0.00	0.00	1.33	0.98	1.64	6.69	4.54	0.79	0.85	0.32	0.00	17.14
1969-70	0.07	0.00	0.15	0.05	0.51	0.70	1.60	1.33	1.42	0.14	0.00	0.21	6.18
1970-71	0.00	0.00	0.00	0.00	2.40	1.23	0.35	0.19	0.23	0.40	1.44	0.00	6.24
1971-72	0.00	0.00	0.04	0.06	0.41	1.87	0.04	0.35	0.00	0.23	0.00	0.00	3.00
1972-73	0.00	0.00	0.24	0.21	2.90	0.65	2.44	2.29	2.20	0.12	0.00	0.00	11.05
1973-74	0.00	0.00	0.00	0.76	0.46	0.94	2.97	0.13	1.75	0.03	0.00	0.00	7.04
1974-75	0.00	0.00	0.00	0.64	0.24	1.40	0.09	2.26	1.24	0.49	0.00	0.00	6.37
1975-76	0.00	0.00	0.98	0.76	0.05	0.22	0.00	2.94	0.19	1.47	0.03	0.00	6.64
1976-77	0.00	0.22	1.47	0.00	1.15	0.96	0.96	0.03	0.43	0.00	0.01	0.01	5.24
1977-78	0.00	0.00	0.00	0.05	0.06	2.85	2.22	5.05	4.12	1.71	0.00	0.07	16.13
1978-79	0.00	0.00	1.10	0.00	0.79	0.50	1.84	1.61	1.16	0.03	0.00	0.00	7.03
1979-80	0.04	0.00	0.08	0.41	0.62	0.41	2.90	2.71	1.28	0.05	0.04	0.00	8.54
1980-81	0.00	0.00	0.00	0.09	0.00	0.21	1.80	0.86	2.10	0.68	0.17	0.00	5.91
1981-82	0.00	0.00	0.00	0.76	1.08	0.29	0.84	0.33	3.52	1.75	0.00	0.00	8.57
1982-83	0.18	0.00	0.64	1.03	2.15	0.71	3.74	2.59	3.39	1.63	0.04	0.45	16.55
1983-84	0.00	0.05	0.82	0.43	1.66	1.22	0.01	0.42	0.27	0.18	0.00	0.00	5.06
1984-85	0.00	0.00	0.01	0.52	1.41	1.66	0.59	0.61	0.68	0.12	0.01	0.00	5.61
1985-86	0.05	0.00	0.00	0.54	2.11	0.56	1.46	2.60	3.40	0.45	0.00	0.00	11.17
1986-87	0.00	0.00	0.15	0.00	0.21	0.77	1.77	2.04	2.02	0.06	0.13	0.00	7.15
1987-88	0.00	0.00	0.00	0.86	0.72	1.74	1.37	0.40	0.93	2.65	0.07	0.05	8.79
1988-89	0.00	0.00	0.00	0.00	1.33	2.29	1.02	2.03	0.85	0.02	0.39	0.06	7.99
1989-90	0.00	0.00	0.67	0.32	0.20	0.53	1.79	1.02	0.30	0.97	0.87	0.00	6.67
1990-91	0.00	0.66	0.00	0.01	0.22	0.09	0.37	1.32	6.67	0.19	0.66	0.00	10.19
1991-92	0.00	0.00	0.11	0.38	0.14	1.32	1.40	3.32	0.85	0.10	0.00	0.36	7.98
1992-93	0.01	0.00	0.00	0.58	0.00	2.62	3.88	2.48	2.16	0.07	0.08	0.00	11.88
1993-94	0.00	0.00	0.24	0.24	0.68	0.66	1.45	1.02	0.70	0.69	0.00	0.26	5.94
1994-95	0.00	0.00	1.06	0.35	1.54	0.33	4.70	0.51	4.77	0.65	0.87	0.00	14.78
1995-96	0.00	0.00	0.00	0.00	0.00	1.59	1.79	2.55	2.15	0.89	0.16	0.00	9.13
1996-97	0.00	0.00	0.00	1.65	0.87	3.03	3.02	0.12	0.21	0.00	0.00	0.04	8.94
1997-98	0.00	0.00	0.06	0.09	1.96	1.80	2.00	4.05	2.60	1.68	1.31	0.00	15.55
1998-99	0.00	0.00	0.00	0.68	0.63	0.64	3.01	0.56	0.43	1.37	0.00	0.44	7.76
1999-00	0.00	0.00	0.00	0.15	0.00	0.00	1.08	3.28	1.59	0.97	0.48	0.00	7.55
2000-01	0.00	0.00	0.03	1.31	0.00	0.03	1.98	1.48	1.24	1.12	0.00	0.35	7.54
2001-02	0.09	0.00	0.00	0.18	1.84	1.99	0.87	0.31	1.04	0.03	0.01	0.00	6.36
2002-03	0.00	0.00	0.00	0.00	1.42	1.14	0.25	1.13	1.05	1.67	0.67	0.82	8.15
2003-04	0.00	0.00	0.00	0.07	0.47	2.05	0.97	2.32	0.25	0.01	0.02	0.00	6.16
2004-05	0.00	0.00	0.00	2.09	0.44	2.13	2.55	1.69	2.02	0.70	0.84	0.00	12.46
2005-06	0.00	0.00	0.02	0.01	0.21	1.15	3.07	0.48	2.60	2.98	0.54	0.00	11.06
2006-07	0.00	0.00	0.00	0.09	0.16	0.90	0.61	0.90	0.22	0.27	0.01	0.00	3.16
2007-08	0.00	0.05	0.32	0.30	0.10	1.17	1.86	1.10	0.00	0.00	0.10	0.00	5.00
2008-09	0.00	0.00	0.00	0.14	1.03	1.36	0.60	1.43	0.21	0.03	0.43	0.37	5.60
2009-10	0.00	0.00	0.20	1.31	0.23	1.27	2.30	1.93	0.31	1.63	0.32	0.00	9.50
2010-11	0.00	0.00	0.00	0.76	1.24	5.29	0.88	0.96	2.70	0.32	0.41	0.91	13.47
2011-12	0.04	0.00	0.00	0.48	0.71	0.01	0.61	0.43	1.72	1.79	0.03	0.00	5.82
2012-13	0.00	0.00	0.00	0.14	0.34	1.52	0.25	0.42	0.67	0.08	0.18	0.00	3.60
2013-14	0.00	0.00	0.01	0.00	0.33	0.16	0.30	1.38	0.27	0.35	0.01	0.00	2.81
2014-15	0.00	0.00	0.03	0.00	0.94	2.52	0.08	0.72	0.02	0.77	0.10	0.00	5.18
2015-16	0.45	0.00	0.00	0.38	0.91	1.40							
AVERAGE	0.02	0.02	0.18	0.41	0.87	1.29	1.58	1.47	1.44	0.72	0.22	0.09	8.15