



*Nevis
Agricultural and
Fisheries
Statistics Digest
2010 – 2014*

Produced by the
Department of Agriculture, Nevis

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Mission Statement:

*“To establish a professional climate for the high quality provision of services to farmers
and the general public towards sustainable Agricultural Development”.*



ACKNOWLEDGEMENTS

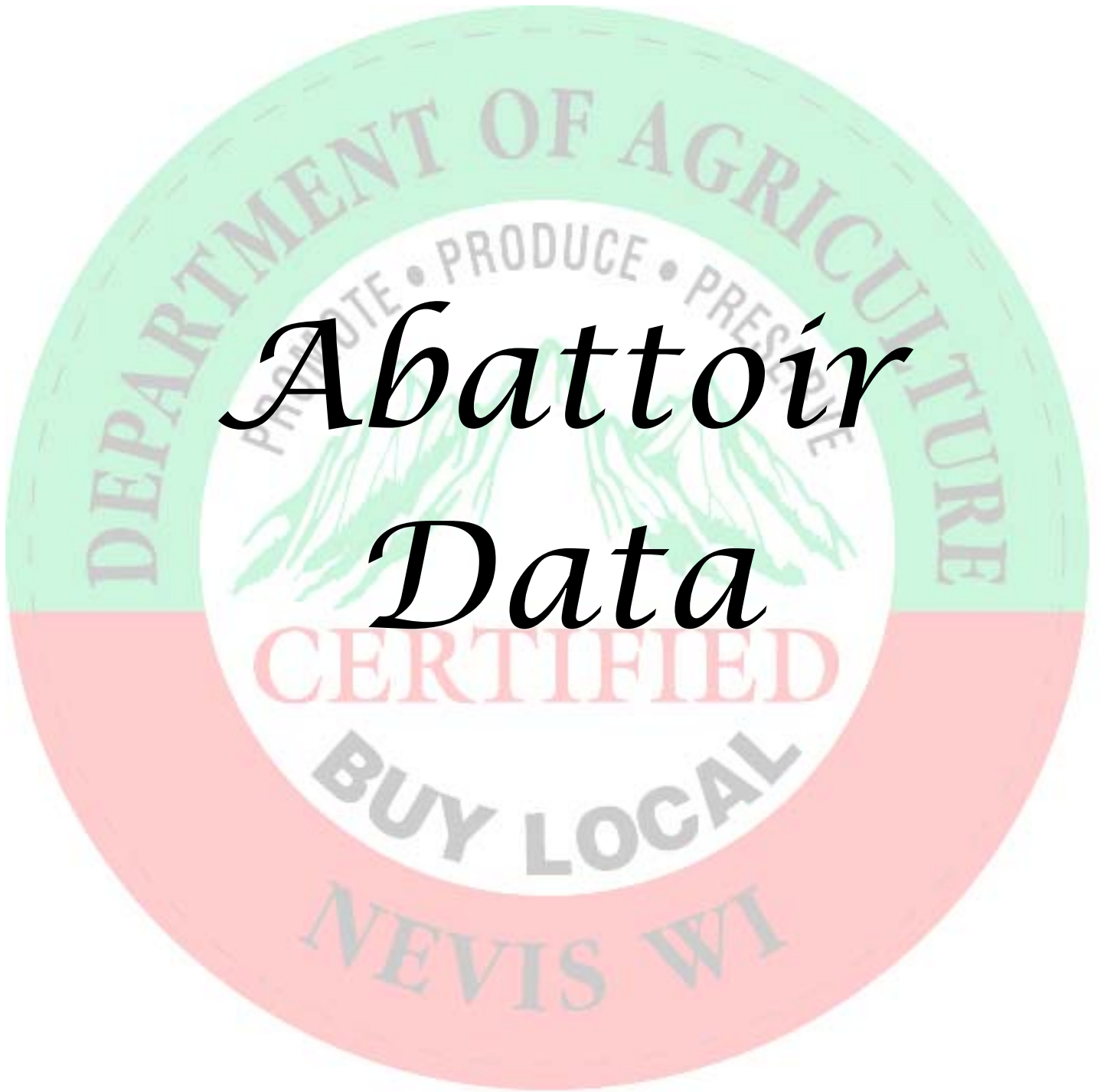
We wish to thank all the Departments who considered it important to contribute to our first edition of the statistics digest. We are kindly requesting that monthly records be kept such that no data is missed. As you peruse this digest and missing data can be found, kindly submit same to the office for inclusion. We are also inviting criticism and suggestion for inclusion in further editions of this digest.

Many thanks to Mrs Grace William-Leitch for the work done in putting this document together.

Keithley Amory
Director

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*Abattoir
Data*

Table 1 Quantity of meat produce (kg) at Abattoir 2010 - 2014 compared to the Nevis demand

Commodity	2010	2011	2012	2013	2014	Nevis Demand	Opportunity Gap
Beef	49,500	37,654	34,713	26,561	25,448	51,667	26,219
Mutton	18,300	18,424	17,688	19,836	21,727	67,000	45,273
Pork	42,450	33,477	30,612	38,941	49,994	151,333	101,339
TOTAL	110,250	89,555	83,013	85,338	97,169		

Source: Abattoir records

Table 2 Payments (EC\$) to Livestock farmers and percentage change in payment.

Year	2010	2011	2012	2013	2014
Payment	288,005	381,061	346,210	315,699	391,632
% change	(41.4)	32.31	(9.15)	(8.81)	24.05

Source: Abattoir records

Table 3 Number of livestock slaughtered at abattoir 2010 – 2014

Livestock	2010	2011	2012	2013	2014	% Change
Large Ruminants	243	225	204	163	175	7.36
Small Ruminants	1918	1767	1622	1773	1,951	10.04
Pigs	1435	1,052	858	1208	1,578	30.63
TOTAL	3596	3,044	2,684	3,144	3,704	

Source: Abattoir records

Table 4 Average carcass weight (kg) of livestock slaughtered at abattoir 2010 – 2014

Livestock	2010	2011	2012	2013	2014	% Change
Large Ruminants	203.7	167.4	170.2	162.65	265.02	62.94
Small Ruminants	9.5	10.43	10.91	11.19	20.06	79.27
Pigs	29.6	31.8	35.68	32.24	57.65	78.81

Source: Abattoir records

Table 5 Product and quantity of value added commodities sold at the Abattoir, 2010 – 2014

Product	2010 (kg)	2011 (kg)	2012 (kg)	2013 (kg)	2014 (kg)	% Change 2014
Smoke Ham	159	360	290	258	487	88.7
Smoke Chicken	54	222	79	73	110	50.7
Smoke Beef	16	43	45	83	66	(20.5)
Ground Beef	6,326	8,271	9,918	10,192	11,721	15
Ground Pork	0	0	38	0	0	0
Beef Burgers	4,730	761	1,517	1,519	1800	18.5
Chicken Burgers	0	51	111	185	281	51.9
Beef Sausages	0	53	18	38	51	34.3
Beef Nuggets	0	0	0	0	30	100
Pork Sausages	23	189	152	213	268	25.9
Beef/ Pork Sausages	0	0	0	14	0	100
Chicken Sausages	0	0	14	35	42	20
Tripe	0	0	0	449	828	84.4
Total	11,308	9,950	12,033	13,059	15,684	20.1

Source: Abattoir Records



*Veterinary/
Livestock
Data*

Table 6 Cases of dog bite wounds treated 2010-2014

Livestock	2010	2011	2012	2013	2014	% Change
Cattle	1	18	0	2	1	(50)
Small Ruminants	130	5	109	104	140	34.6
Pigs	3	12	7	7	8	14.3
Horse	0	11	0	0	0	0
TOTAL	134	46	116	113	149	31.9

Source: Veterinary Records

Table 7 Selected Ambulatory Health Care cases 2010-2014

Year	Large Ruminant					Small Ruminant					Pigs				
	DP	CN	MG	ID	IP	DP	CN	MG	ID	IP	DP	CN	MG	ID	IP
2010	33	0	0	0	2	14	198	2	0	20	0	139	8	17	4
2011	56	0	0	0	2	14	167	9	0	28	0	165	28	18	1
2012	36	0	0	0	20	24	213	7	0	26	0	180	26	4	14
2013	39	0	0	0	5	75	263	19	0	68	0	253	85	10	22
2014	30	0	0	0	8	20	264	17	0	45	0	209	78	0	14
% change	(23.08)	0	0	0	60	(73.33)	0.38	(10.53)	0	(33.82)	0	(17.39)	(8.24)	(100)	300

Source: Veterinary Records. DP- Dermatophilosis; CN-Castration; MG-Mange; ID-Iron Deficiency; IP-Internal Parasitism

Table 8 Tropical Bont Tick Surveillance by Parish for Period 2010-2014

Year	St. John			St. Paul			St. Thomas			St. James			St. George		
	H ex	H+	TBT	H ex	H+	TBT	H ex	H+	TBT	H ex	H+	TBT	H ex	H+	TBT
2010	3837	75	216	735	3	6	697	12	41	5495	56	699	12796	24	44
2011	5206	28	164	969	5	8	1175	23	181	3,425	35	130	10,401	14	28
2012	6350	43	129	1256	8	17	1654	33	168	8,013	36	114	14,207	27	56
2013	9,730	32	354	1695	3	10	2527	30	164	11,662	42	111	16,351	26	59
2014	13,597	51	171	2,083	0	0	2,413	28	149	14,595	36	120	21,105	57	186
% change	39.74	59.38	(51.69)	22.89	(100)	(100)	(4.5)	(6.67)	(9.15)	25.15	(14.29)	8.11	29.07	119.23	215.25

Source: Veterinary Records; H ex- No. of hosts examined; H+-No. of hosts positive; TBT- No. of Tropical Bont Ticks found

Table 9 Incidence of Dermatophilosis by Parish for Period 2010-2014

Year	St. John	St. Paul	St. Thomas	St. James	St. George	TOTAL	Annual % Change
2010	19	1	4	20	3	47	62
2011	30	0	20	14	4	68	44.7
2012	22	0	24	4	7	57	(16.2)
2013	27	0	21	5	5	58	1.8
2014	19	1	13	8	5	46	(20.7)

Source: Veterinary Record



Extension

Division

Data

Table 10 Accumulative total of acreage farmed and estimated yield 2010 – 2014

Institution	Criteria	2010	2011	2012	2013	2014
Farmers	Acres	35.59	60	52	52.44	74.41
	Yield (kg)	242,589	455,571	318,436	566,184	738,879
Government	Acres	32.89	46	38.82	22.4	65.57
	Yield (kg)	30,300	58,605	243,449	74,460	297,424
Total	Acres	68.48	106	90.82	74.84	739.98
	Yield (kg)	272,889	514,176	561,885	640,644	1,036,303

Source: Extension Division

Table 11 Production analysis for 2010 to 2014 of targeted crops, (000 kgs)

Crop	Estimated production 2010	Estimated production 2011	Estimated production 2012	Estimated production 2013	Estimated production 2014	Target Production	Production as a % of target production 2014
Cabbage	11,300	5,936	2,186	617	794	52,000	1.53
Cantaloupe/ Honey Dew	20,600	34,922	8,579	1,137	27,238	75,000	36.3
Carrot	7,100	5,374	1,296	9,403	4,717	58,100	8.1
Corn	2,700	4,775	6,779	1,734	1,324	22,700	5.8
Onion	23,700	2,072	8,744	5,503	23,704	108,000	22
Pumpkin	16,000	14,752	17,792	12,261	45,214	52,000	87
Sweet pepper	18,300	22,588	7,686	3,872	9,104	32,000	28.5
Sweet potato	12,500	17,159	3,515	4,818	11,741	164,000	7.2
Tomato	69,500	71,055	19,711	21,049	64,787	52,000	124.6
Watermelon	72,400	103,334	31,456	31,859	106,517	100,000	6.52
TOTAL	254,100	281,967	107,744	92,253	295,140	715,800	41.7

Table 12 Nevis Opportunity Gaps (Kg) 2010-2014

Crop	2010	2011	2012	2013	2014	Target Production Kg
Cabbage	40,700	46,064	49,814	51,383	51,205	52,000
Carrots	51,000	52,762	56,804	48,697	53,380	58,100
Onion	84,300	105,928	99,256	102,497	84,295	108,000
Peppers	13,700	9,412	24,314	28,128	22,896	32,000
Pumpkin	36,000	37,248	34,208	39,739	6,785	52,000
Sweet Potato	151,500	146,841	160,485	159,182	152,259	164,000
Tomato	0	0	32,289	30,951	0	52,000
Watermelon	27,600	0	68,544	68,141	0	100,000
Beef	2,056	14,013	16,854	25,106	26,219	51,667
Mutton	48,665	48,575	49,312	47,164	45,273	67,000
Pork	108,797	117,856	120,721	112,392	101,339	151,333
Total (Kgs)	564,318	578,699	712,601	713,380	543,651	888,100

Cotton

Table 13 Cotton Production for period 2007/2008 -2013/2014.

Institution	Criteria	2007/ 2008	2008/ 2009	2009/ 2010	2010/ 2011	2011/ 2012	2012/ 2013	2013/ 2014
Farmers	Acres		4	7	1.75	3.25	0	0
	Seed cotton Yield (kg)	1,951	1,217	1,005	188	243	0	0
	Ginned cotton yield	682	406	335	58	76	0	0
Government	Acres	36	30	30	17	30	14	7
	Seed cotton Yield (kg)	10,361	4,820	789	2,512	4178	1411	328
	Ginned cotton Yield (kg)	3,620	1,476	295	767	1305	1036	109
Total	Acres	43	34	35	18.75	33.25	14	7
	Seed cotton Yield (kg)	12,312	6,037	1,794	2,700	4,421	1,411	328
	Ginned cotton Yield (kg)	4,302	1,882	630	825	1,381	1036	109



Marketing

Division

Data

Table 14 Total throughput of crops (Kg) and payment to farmers and institutions at the Marketing Unit for period 2010– 2014.

Item	YEAR					% change
	2010	2011	2012	2013	2014	
Total Throughput (kg)	53,724	56,846	64,974	79,256	72,525	(8.5)
Crop payments (\$)	203,649	267,686	247,627	349,234	398,248	14.1
Other payments (\$)	423,642	430,421	335,701	426,938	493,512	15.6

Source: Marketing Unit records

Table 15 Payments received for Seeds, Chemicals and Equipment, 2010-2014

YEAR	SEEDS (\$)	CHEMICALS (\$)	EQUIPMENT (\$)
2010	22,588	59,926	49,897
2011	16,825	47,261	17,816
2012	22,488	34,675	13,705
2013	25,473	40,216	20,467
2014	21,805	52,625	21,795
% Change 2013/2014	(14.40)	30.86	6.49

Source: Marketing Unit records

Table 16 shows total throughput (lbs) for period 2010-2014.

CROPS	2010	2011	2012	2013	2014
Arugula	0	0	10	0	0
Apricot	0	0	0	175	0
Avocado	120	20	140	255	60
Basil	0	15	50	155	145
Beet	0	0	0	0	0
Bora Beans	20	5	25	140	485
Breadfruit	40	60	450	495	525
Broccoli	0	5	0	0	65
Butternut Squash	5,270	1,510	1,945	5,495	9,140
Cabbage	1,700	4,700	5,280	2,275	400
Cantaloupe	9,240	2,110	2,670	8,680	4,350
Carambola	0	0	0	0	0
Cauliflower	10	10	0	0	0
Carrots	1,230	1,065	260	425	725
Cassava	0	155	510	705	785
Cassava Meal	0	0	0	5	0
Chile Peppers	5				
Christophene	0	30	0	355	525
Cocoa	0	0	0	0	0
Coconut	5	0	380	735	550
Cotton	0	0	0	0	0
Cucumber	12,820	6,525	9,080	12,700	17,040
Dasheen	0	0	0	55	185
Dragon Fruit	0	0	185	50	310
Eddoes	0	0	0	5	80
Eggplant	2,110	1,170	670	2,145	1,930
Garlic	10				
Ginger	0	85	115	125	215
Ginip	0	0	0	300	0
Grapefruit	0	0	80	1,890	505
Green Banana	625	1,505	1,740	2,545	3,510
Green Papaya	0	780	735	470	600
Guava	78	190	30	75	0
Guava Pulp	0	0	15	0	0
Golden Apple	0	10	0	55	0
Herbs and Thyme	280	810	780	475	225
Hot Peppers	15	20	15	195	25
Honey Dew Melon	2,375	1,750	3,430	5,555	5,390
Jelly	0	0	30	350	130
Lemon Grass	0	0	40	45	10
Lettuce	160	10	0	770	515
Limes	285	620	240	520	285
Mango Improved (no.)	215	630	1,135	1,410	3,410
Mango Unimproved (no.)	0	0	0	0	70
Mint	0	0	5	5	0
Musk Melon	0	0	0	0	425

CROPS	2010	2011	2012	2013	2014
Okra	3,610	815	1,485	4,385	1,155
Onion	13,660	830	1,310	4,955	2,845
Oranges	0	0	35	40	50
Other Peas and Beans	45	0	0	0	0
Papaya Ripe	0	335	1,150	405	100
Passion Fruit	130	75	0	95	200
Plantain	35	1,480	2,675	2,585	2,200
Peanut	0	0	20	0	0
Pomerac	0	0	0	15	0
Pigeon Peas	0	0	0	190	0
Pineapple	510	1,740	2,085	4,020	2,415
Pumpkin	13,160	7,055	14,285	10,580	6,730
Purple Peppers	0	0	0	0	30
Red Peppers	0	0	10	0	160
Rosemary	0	0	5	25	0
Ripe Banana	5	2,575	8965	8060	15,610
Ripe Papaya	1,245	0	0	0	0
Ripe Plantain	10	710	1,710	3,270	4,445
Seasoning Pepper	2,485	325	145	1,315	525
Sea Grapes	0	0	0	55	0
Silk Banana	0	115	720	485	265
Sorrel	130	1,530	235	0	360
Sour Sop	0	5	30	80	50
Sugar Apple	25	30	0	45	130
String Beans	155	680	740	1,900	1,555
Star Apple	80	120	75	0	195
Sugar Cane	0	0	45	15	15
Sweet Corn	35	125	1,755	1,605	235
Sweet Pepper	2,855	5,890	3,280	5,160	2,265
Sweet Potato	5,670	11,290	11,950	16,640	10,590
Spinach	25	15	5	125	115
Tania	25	260	180	690	1,660
Tamarind	0	0	0	0	40
Thyme	0	0	200	255	100
Tomatoes	14235	14,955	19,465	21,715	22,115
Tomato Cherry	90	0	165	105	465
Tomato Plum	330	0	0	0	0
Tomato Roma	0	0	0	0	860
Watermelon	21,205	10,430	22,305	35,310	26,955
Wax Apple	0	70	10	10	35
White Potato	2,035	660	80	0	330
Yams	0	50	60	350	910
Yellow Peppers	0	0	0	0	60
Zucchini	85	110	140	655	70
Jujubi	0	0	10	0	0
Total	118,488	86,065	125,375	174,775	158,455

Source: Marketing Records



*Communication/
Quarantine*

Table 17 Output from the Communication and Quarantine Unit, 2010 - 2014

Activity	Year 2010	Year 2011	Year 2012	Year 2013	Year 2014
Eye on Agriculture (TV)	18	37	32	N/A	-
On the Farm (Radio)	17	25	28	N/A	-
Nevis News Cast	14	43	27	N/A	-
Containers Checked	180	176	208	N/A	274
Import Permits issued	165	198	234	N/A	274
Phytosanitary Certificate issued	839	755	874	N/A	899
Total	1,233	1,234	1,403		1,447

CERTIFIED

BUY LOCAL

NEVIS WI

Table 18 Shows Imports and Production of target crops 2010-2014 (000 kgs)

CROP	Criteria	2010 (kg)	2011 (kg)	2012 (kg)	2013 (Kg)	2014 (Kg)	Production as a % of imports 2014
Cabbage	Imports	51,100	54,621	48,570	52,192	61,637	1.3
	Produce	11,300	5,936	2,186	617	794	
Carrots	Imports	78,300	67,571	50,063	47,745	60,706	7.8
	Produce	7,100	5,374	1,296	9,403	4,717	
Cantaloupe/ Honeydew	Imports	19,800	21,247	16,834	9,307	51,973	52.4
	Produce	20,600	34,922	8,579	1,637	27,238	
Corn	Imports	6,000	8,211	8,949	9,691	14,225	9.3
	Produce	2,700	4,775	6,779	1,734	1,324	
Sweet Peppers	Imports	39,200	34,706	21,848	14,088	6,381	142.7
	Produce	18,300	22,588	7,686	3,872	9,104	
Pumpkin	Imports	14,700	4,427	1,481	1,115	0	0
	Produce	16,000	14,752	17,792	12,261	45,214	
Sweet Potato	Imports	5,100	0	0	0	0	0
	Produce	12,500	17,159	3,515	4,818	11,741	
Tomato	Imports	31,800	22,534	20,815	15,910	22,936	282.5
	Produce	69,500	71,055	19,711	21,049	64,787	
Watermelon	Imports	1,200	1,653	0	0	1,252	8507.7
	Produce	72,400	103,334	31,456	31,859	106,517	
Onion	Imports	72,400	78,937	65,773	57,640	92,537	25.6
	Produce	23,700	2072	8,744	5,503	23,704	



Propagation

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BUY LOCAL

NEVIS WI

Propagation

Table 19: Output from Propagation Unit of vegetable seedlings, fruit trees and herbs, 2010 – 2014

Type	2010	2011	2012	2013	2014	% change
Vegetable Seedlings	95,156	72,612	86,378	79,456	121,766	53.3
Fruit trees	5,485	3,640	3,123	2,510	4,087	62.8
Herbs	81	143	1,253	450	1,016	125.8



*Small Farms
Equipment
Pool Data*

Small Farms Equipment Pool

Table 20 Small Farm Equipment Pool output for period 2010 – 2014

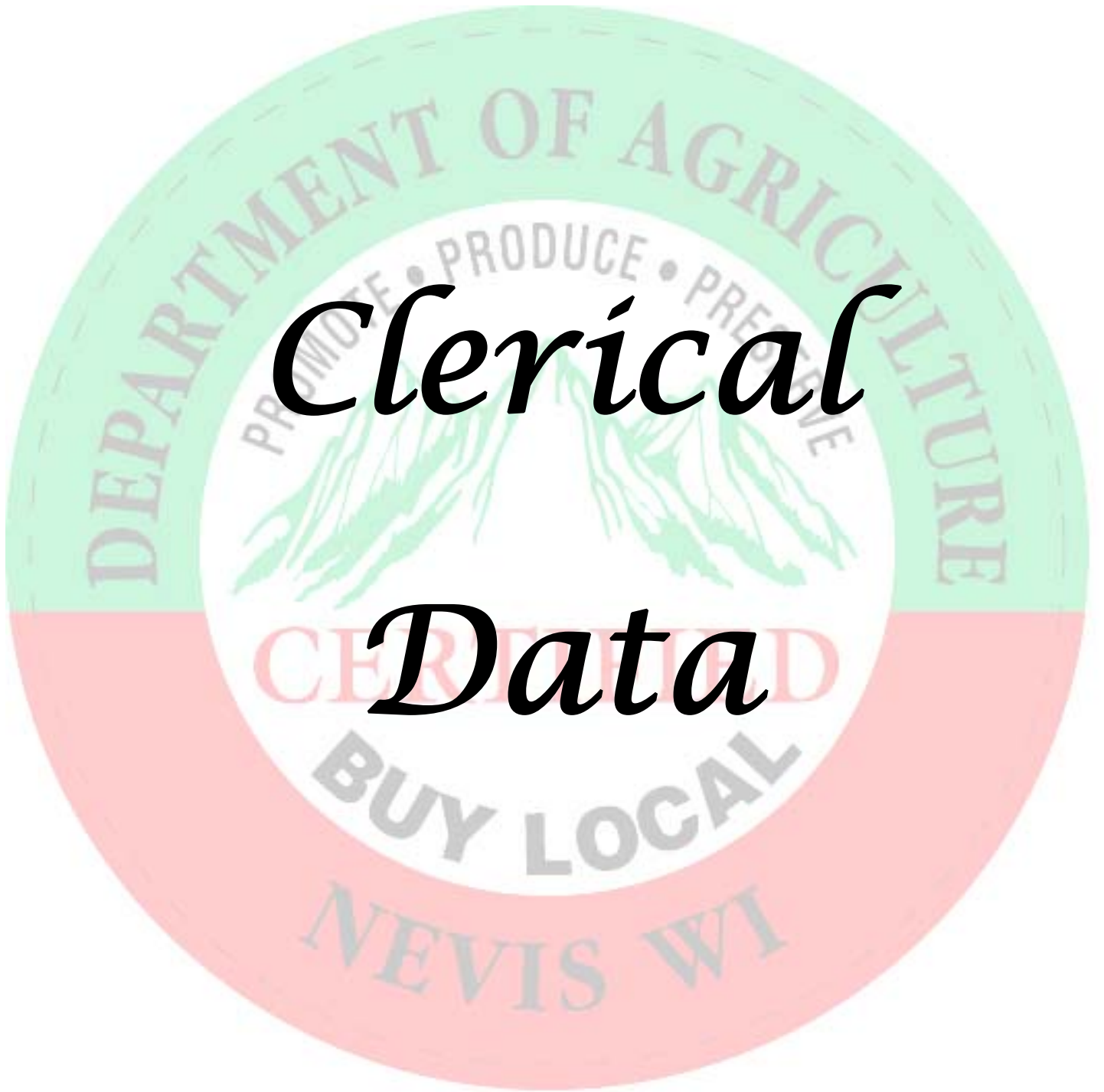
ACTIVITY	2010	2011	2012	2013	2014	% Change
Land preparation (acres)	226	189.25	345	176	276.25	57
Bull dozer services (hrs)	124	486	482	10	32	220
Bobcat services (holes dug)	195	550	259	104	433	316.4
Bobcat Services	0	0	0	0	64	0
Wood Chipper Services (yds)	125	27	12	24	164	583.3
Brush cutting (acres)	10	0.25	2	15	34.75	131.7

The image features a circular seal for the Department of Agriculture, Nevis, WI. The seal is divided into two horizontal sections: a light green top half and a light red bottom half. The outer ring of the seal contains the text "DEPARTMENT OF AGRICULTURE" in the green section and "NEVIS WI" in the red section. Inside this ring, the motto "PROMOTE • PRODUCE • PRESERVE" is written in a smaller font. The center of the seal depicts a stylized landscape with mountains and a river. Overlaid on the seal is the text "Agro-processing Data" in a large, black, cursive font.

*Agro-
processing
Data*

Table 21: showing output from agro-processing unit for 2011 - 2014.

Items	2011	2012	2013	2014
Ice Lollies (bags)	1,894	261	286	566
Drinks (bottles)	1,667	557	704	4813
Jams/Jellies (jars)	1,182	118	124	1,062
Pulp (lbs)	0	2,113	2,885	3,516
Cassava Meal (lb)	0	35	35	309
Cassava Flour (lb)	0	22.5	27	50
Cassava Starch	0	0	0	9
Cassava Cake		1	1	0
Mixed peel(lbs)	35	0	0	0
Mixed fruits(lbs)	0	37	0	0
Shelled Tamarind	0	0	0	5.65
Frozen Gooseberry	0	0	0	267
Chips(bags)	95	1,186	1189	1,888
Guava cheese (pks)	133	49	50	49
Tea leaves(bags)	66	0	0	0
Water (Gallons)	2,879	3,355	3193	1,522
Green Seasoning	0	21	23	0
Sugar Cake	0	3	8	0
Sorrel (frozen)	0	25	25	0
Guava preserves	0	3	3	0
Sweet potato Flour	0	2	1.5	0
Jujube	0	10	10	0
Noni Juice	0	0	5	0
Mauby	0	0	3	0
Syrup	0	0	3	0



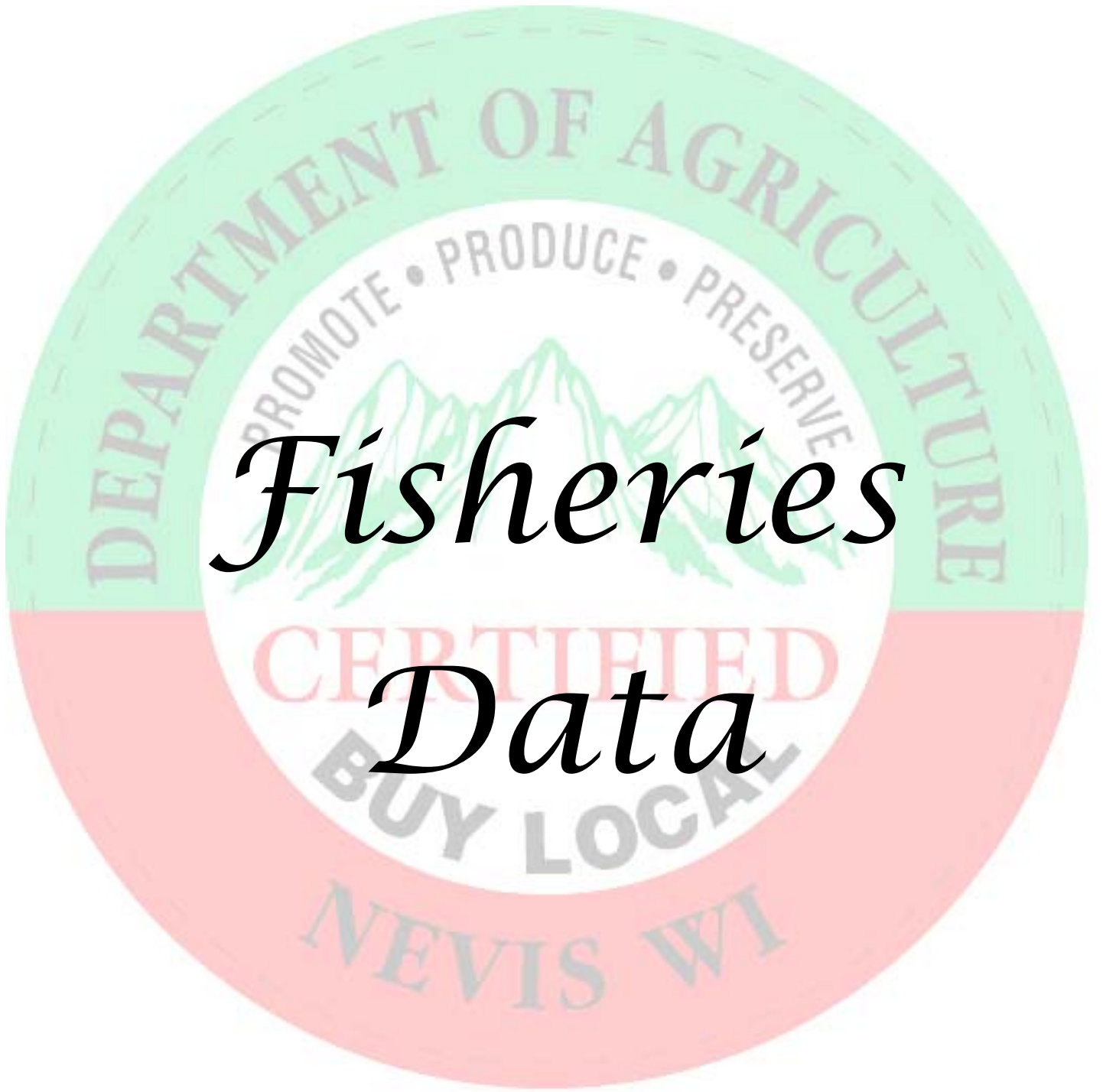
Clerical

Data

Table 22. Showing details of revenue for 2010 to 2014

Revenue Heads	Actual (\$) 2010	Actual (\$) 2011	Actual (\$) 2012	Actual (\$) 2013	Actual (\$) 2014	Projected (\$) 2014	Actual as a % of Variance, 2014
19- Nursery Sale	15,780.00	12,890	18,245	21,170	31,965	30,000	6.55
20 -Charlestown Public Market	25,875	1,275	14,375	14,310	17,935	48,000	(62.64)
21- Sale of Produce	23,615	5,605	5290	26,505	29,910	150,000	(80.06)
23- Abattoir Fees	62,470	50,325	45,995	53,715	61,975	100,000	(38.03)
24 - Sale of Livestock	48,695	56,420	59,470	66,220	74,410	75,000	(0.79)
25 - Veterinary Division	12,555	16,080	9,135	5,945	9,565	18,000	(46.86)
35 – Pound Fees	760	2,410	1,660	500	3,780	12,000	(68.49)
40 - Small Farm Equipment Pool	46,445	30,975	25,600	25,055	39,400	40,000	(1.50)
54 - Cutting Fees	35,950	23,685	21,030	27265	29,235	65,000	(55.03)
56 – Cotton Production*	37,735	0	78,000	0.00	0.00	200,000	0
65 - Unclassified	25,590	17,105	18,830	20,560	41,165	18,000	128.70
TOTAL	335,470	216,770	297,630	261,245	339,340	756,000	

*Sale Value of cotton



Fisheries
Data

Fisheries Data: Table 23

SPECIES	2010 Kg	2011 Kg	2012 Kg	2013 Kg	2014 Kg
(TRAP/HANDLINE)					
DOCTOR FISH (Acanthuridae)	13,994	18,399	17,370	-	N/A
TRIGGER FISH (Balistidae)	2,385	8,038	4,692	-	N/A
GRUNT (Pomadasyida)	7,912	10,854	9,003	-	N/A
SQUIRREL (Holocentridae)	8,857	12,179	9,403	-	N/A
SNAPPER (Lutjanidae)	21,620	15,734	3,163	3,298	N/A
GOAT FISH (Mullidae)	1,142	2,723	3,368	-	N/A
PARROT FISH (Scaridae)	10,947	13,918	9,553	-	N/A
GROUPER (Serranidae)	11,784	17,427	8,340	101	N/A
LOBSTER (Panulinus)	11,737	27,985	20,437	2,630	N/A
					N/A
GAR (Belonidae)	16,236	23,278	16,194	635	N/A
BOLLYHOO (Exocoetidae)	12,907	9,068	7,727	907	N/A
JACKS (Selar Crumenophthalmus)	18,173	5,949	42,362	107	N/A
					N/A
DOLPHIN (Coryphaena)	358	3,110	2,318	3010	N/A
TUNA/MACKEREL (Thunnus/ Scrombridae)	-	2,976	1,952	1,066	N/A
					N/A
CONCH (Strombus Gigas)	27,967	102,393	105,581	36,924	N/A
					N/A
MIXED (Seine)	6,880	30,676	29,382	24,633	N/A
					N/A
TOTAL	252,751	304,708	290,845	73,311	N/A

Source: Fisheries Records

Table 24 Annual Exports of Conch and Lobster 2010 to 2014.

YEARS	LOBSTER (lbs)	CONCH (lbs)
2010	2,383	187,097
2011	146	291,408
2012	230	128,348
2013	66	76,761
2014	100	22,349
	0	0
TOTAL	2,925	705,963

Source: Fisheries Records

