

# Massachusetts Department of Agricultural Resources (MDAR)



## Apiary Program: Activity Summary 2015-2018



Metric Totals	Year				
	2015	2016	2017	2018	
Outreach Programs (Instruction Hours)	11 (N/A)	41 (110)	56 (172)	60 (162)	
Outreach Program Attendees	N/A	N/A	2,557	3,896	
Outreach Programs at State Apiaries	N/A	13	14	17	
Visitors to State Apiaries	N/A	238	361	372	
Varroa Mite Jars Dispersed	N/A	N/A	1,768	1,740	
AFB/EFB Sample Kits Dispersed	N/A	N/A	N/A	250	
Nosema/Varroa Mite Sample Kits Dispersed	N/A	N/A	N/A	250	
Grants Received by Apiary Program (\$)	N/A	N/A	0 (\$0)	1 (\$19,997)	
Beekeepers Joined Emailing List	N/A	N/A	N/A	139	
Apiary Message Line Calls – 617-626-1801	N/A	N/A	185	164	
Honey Harvested from State Apiaries – lbs	N/A	N/A	234	407	
Inspection Team Staff	4	5	5	5	
Interns (UMass or EEA)	N/A	1	2	0	
Inspector Miles Traveled (does not include Chief)	9,900	15,500	22,685	23,054	
Registered Apiaries	N/A	N/A	96	107	
Inspections Requested	N/A	783	554	619	
Inspections Completed	1,376	783	762	733	
Counties Visited	12	12	13	13	
Cites Visited	172	204	225	216	
Beekeepers/Apiaries Visited	1,080	582	636	568	
Live Colonies Inspected	N/A	4,348	3,682	3,591	
Dead Colonies Inspected and Equipment Check	N/A	309	377	223	
Grand Total Colonies Inspected	5,258	4,640	4,059	3,814	
USDA Beltsville Bee Lab Samples Submitted*	6	69	128	277	
USDA National Honey Bee Survey – Apiaries (Colonies)	0	24 (192)	24 (187)	19 (192) - UMass	
UMass Hobby Beekeeper Survey – Apiaries (Colonies), Collaboration with MDAR	N/A	N/A	N/A	40 (80)	
UMass Virus Lab Samples Submitted	5	22	21	24	
Hive Health (Total Colonies with Issue)**	American Foulbrood (AFB)	24	5	3	4 (apiaries)
	European Foulbrood (EFB)	61	140	137	324
	Chalkbrood	56	50	48	79
	Stonebrood	0	0	0	1
	<i>Nosema</i> spp	12	11	17	68
	Tracheal Mites	21	1?	0	0
	IBDS/PMS/Snot-Brood/Varroosis	156	208	381	145
	K-Wing	21	78	26	5
	Sacbrood Virus (SBV)	105	184	168	122
	Deformed Wing Virus (DWV)	73	126	290	104
	Varroa Destructor Virus 1 (VDV1)	N/A	N/A	18	79
	Black Queen Cell Virus (BQCV)	21	17	21	24

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Chronic Bee Paralysis Virus (CBPV)	2	35	13	21
Acute Bee Paralysis Virus (ABPV)	N/A	0	3	0
Kashmir Bee Virus (KBV)	N/A	0	1	0
Israeli Acute Paralysis Virus (IAPV)	N/A	1	9	15
Lake Sinai Virus 2 (LSV2)	N/A	N/A	3	25
Slow Bee Paralysis Virus (SBPV)	N/A	0	0	0
Queen Issues	N/A	N/A	132	170
Small Hive Beetle (SHB)	6	91	58	28
Wax Moth	2	64	6	10
Mouse Damage	N/A	11	3	12
Bear Damage	9	11	5	7
Africanized Honey Bee – Positive Samples (Samples Submitted)	N/A	0 (0)	0 (1)	0 (6)

\*Submitted by MDAR Apiary Inspectors and results received from individual beekeeper submissions

\*\*Includes USDA National Honey Bee Survey and UMass Hobby Beekeeper Survey sample results