

# Illinois State Beekeepers Association

FY07 Apiary Report

Steve Chard

## Distribution of Beekeeper Size in Illinois as of July 1, 2007

Number of Colonies	Number of Beekeepers	Percentage of Beekeepers
0	84	6.3
1-5	848	63.8
6-10	206	15.5
11-20	86	6.5
21-50	56	4.2
51-100	27	2.0
101-200	12	.09
201-300	3	.02
301-400	1	.01
401-500	1	.01
>500	5	.04
<b>TOTAL</b>	<b>1329</b>	<b>100.0*</b>

\* May not total 100% due to rounding.

**Illinois Beekeeper and Colony Statistics from 1988 through 2007  
as of July 1 of each year.**

<b>Year</b>	<b>Number of Registered Beekeepers</b>	<b>Number of Apiaries</b>	<b>Number of Colonies</b>	<b>Colonies/ Beekeeper</b>	<b>Colonies/ Apiary</b>
2007	1,329	2,216	18,821	14.2	8.5
2006	1,264	2,157	20,217	16.0	9.4
2005	1,213	2,054	27,646	22.8	13.5
2004	1,141	1,940	19,572	17.2	10.1
2003	1,117	1,926	18,649	16.7	9.7
2002	1,107	1,914	17,963	16.3	9.4
2001	1,160	2,038	19,627	16.9	9.6
2000	1,142	1,975	18,504	16.2	9.4
1999	1,208	2,025	16,939	14.0	8.4
1998	1,295	2,136	18,129	14.0	8.5
1997	1,521	2,464	17,276	11.4	7.0
1996	1,515	2,506	16,896	11.2	6.7
1995	1,782	2,879	19,037	10.7	6.6
1994	1,999	3,252	21,872	10.9	6.7
1993	2,021	3,350	24,240	12.0	7.2
1992	2,249	3,668	26,405	11.7	7.2
1991	2,329	3,758	27,693	11.9	7.4
1990	2,705	4,336	33,800	12.5	7.8
1989	2,783	4,413	34,966	12.6	7.9
1988	2,966	4,649	37,025	12.5	8.0

**Number of Registered Apiaries and Colonies  
in Illinois Counties as of July 1, 2007**

<b>COUNTY</b>	<b># OF APIARIES</b>	<b># OF COLONIES</b>
Adams	35	321
Alexander	1	6
Bond	5	16
Boone	14	330
Brown	24	164
Bureau	24	119
Calhoun	4	14
Carroll	23	388
Cass	10	90
Champaign	58	186
Christian	13	37
Clark	10	52
Clay	4	14
Clinton	15	26
Coles	30	165
Cook	114	649
Crawford	8	18
Cumberland	11	21

COUNTY	# OF APIARIES	# OF COLONIES
DeKalb	15	100
DeWitt	11	21
Douglas	19	65
DuPage	74	265
Edgar	25	141
Edwards	5	18
Effingham	11	57
Fayette	20	70
Ford	11	35
Franklin	9	37
Fulton	47	246
Gallatin	3	24
Greene	3	10
Grundy	18	212
Hamilton	3	10
Hancock	24	283
Hardin	0	0
Henderson	6	39
Henry	8	32

COUNTY	# OF APIARIES	# OF COLONIES
Iroquois	12	807
Jackson	18	162
Jasper	12	32
Jefferson	10	35
Jersey	11	54
JoDaviess	82	1970
Johnson	10	66
Kane	83	386
Kankakee	17	187
Kendall	25	123
Knox	18	233
LaSalle	35	206
Lake	79	455
Lawrence	6	17
Lee	9	33
Livingston	17	42
Logan	20	234
Macon	18	45
Macoupin	39	156

COUNTY	# OF APIARIES	# OF COLONIES
Madison	49	303
Marion	11	31
Marshall	9	60
Mason	15	101
Massac	2	400
McDonough	19	79
McHenry	55	652
McLean	35	150
Menard	14	62
Mercer	4	27
Monroe	16	281
Montgomery	10	41
Morgan	15	154
Moultrie	16	62
Ogle	32	260
Peoria	48	271
Perry	20	182
Piatt	12	52
Pike	27	95

COUNTY	# OF APIARIES	# OF COLONIES
Pope	1	2
Pulaski	3	534
Putnam	3	18
Randolph	13	97
Richland	10	24
Rock Island	10	41
Saline	3	10
Sangamon	114	375
Schuyler	16	86
Scott	6	6
Shelby	12	99
St. Clair	53	222
Stark	6	20
Stephenson	26	213
Tazewell	41	391
Union	13	1514
Vermilion	26	204
Wabash	2	19
Warren	10	126



<b>COUNTY</b>	<b># OF APIARIES</b>	<b># OF COLONIES</b>
Washington	13	48
Wayne	26	110
White	1	6
Whiteside	24	109
Will	42	821
Williamson	30	679
Winnebago	38	152
Woodford	25	108

## Illinois Apiary Inspection Statistics -- 1990 through July 1, 2007

Year	# Apiaries Inspected	Colonies Inspected	Colonies Opened
FY07	343	2,561	1,824
FY06	346	2,673	1,939
FY 05	296	4,695	2,603
FY 04	219	4,696	1,747
FY 03	266	3,662	1,915
FY02	196	1,999	1,254
FY01	231	3,228	1,273
FY00	115	1,731	855
FY99	156	4,083	1,424
FY98	199	3,027	1,388
FY97	277	2,086	1,236
FY96	279	2,480	1,349
FY95	333	2,584	1,363
FY94	530	3,809	2,357
FY93	419	2,366	1,530
FY92	460	-	2,173
Cal92	474	-	1,916
Cal91	459	2,944	2,437
Cal90	400	-	-

Year	____AFB____		# of Colonies with EFB	# of Colonies w/ Chalk Brood	____Varroa Mites____		# of Colonies Tracheal Mites
	# of Colonies	% of Colonies Opened			# of Colonies	% of Colonies Inspected	
FY07	23	1.3	7	24	157	6.1	1
FY06	36	1.9	2	17	182	6.8	-
FY 05	50	1.9	10	69	171	3.6	-
FY 04	37	2.1	1	48	54	1.1	-
FY 03	89	4.7	8	109	297	8.1	8
FY02	31	2.5	0	4	141	7.0	-
FY01	18	1.4	1	41	217	6.7	-
FY00	21	2.4	0	4	407	23.5	9
FY99	8	0.6	0	19	751	18.4	
FY98	85	6.1	0	51	1,232	40.7	5
FY97	32	2.6	2	7	99	4.7	-
FY96	156	11.8	5	54	260	11.3	-
FY95	15	1.1	3	6	837	32.4	88
FY94	72	3.1	8	33	1,090	28.6	121
FY93	48	3.1	6	10	672	28.4	144
FY92	62	2.8	19	25	389	-	119
Cal92	72	3.7	1	21	618	-	120
Cal91	64	2.6	3	9	392	-	286

# Colony Collapse Disorder

- Background
- Symptoms
- Cause(s)
- National Implications
- Impacts to Illinois
- IDOA Actions

# Varroa Mite Treatments

- Api Life VAR – Thymol Based Product
- Apiguard – Thymol Based Product
- Apistan – Fluvalinate
- Checkmite+ Bee Hive Pest Control Strips – Coumaphos Product
- Mite-Away II – Formic Acid Product
- Sucroside – Sugar Based Product
- Hivastan – Fenpyroximate Based Product
  
- RESULTS??

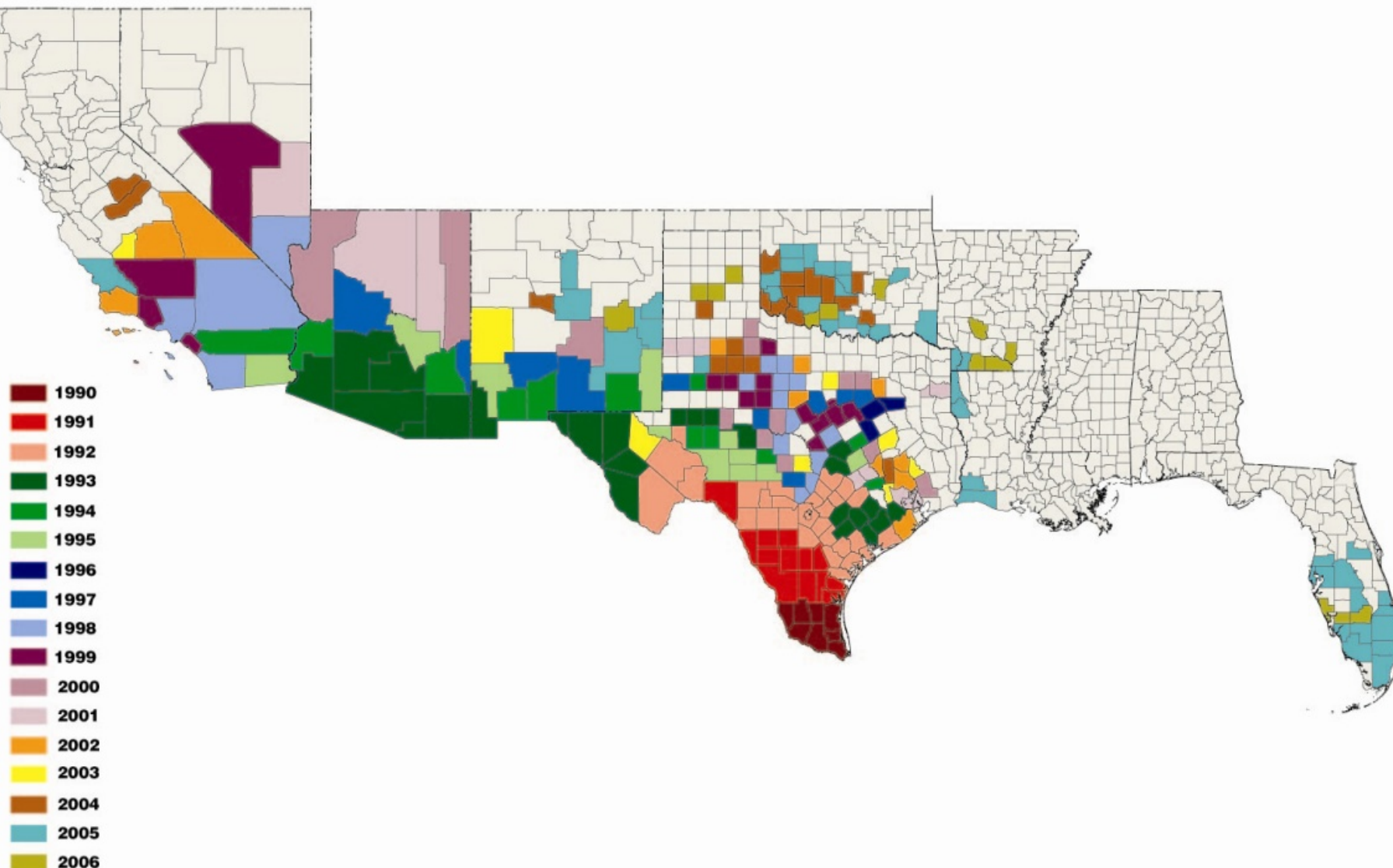
# Africanized Honeybee

- Illinois – No Problems Currently
- Be Constantly Vigilant
- Report Excessively Aggressive Bees To IDOA –  
Samples Collected/Sent To USDA Lab –  
Tucson AZ – Analysis
- Proactive Approach Needed – Reference  
Information Available – Carl Hayden Bee Lab –  
*[gears.tucson.ars.ag.gov](http://gears.tucson.ars.ag.gov)*

# Spread of Africanized honey bees by year, by county

*Updated January 2007*

First found in southern Texas in 1990, Africanized honey bees are now found in much of the South.



# Small Hive Beetle

- Major Pest of Apiary Industry
- Entered Illinois – 2001
- Found in 7 Counties -2001 to 2006 – Bureau, Cook, Henry, Kankakee, McLean, Whiteside, Will
- Found in 7 Counties – 2006 – Effingham, Grundy, Jackson, McHenry, Sangamon, St. Clair, Vermilion
- Current Infestation-17 Counties Total (Isolated)-Illinois
- Quarantine- 2006
- USEPA Approval – Checkmite+ Strips



# Small Hive Beetle-Affected Counties

- Bureau
- Cook
- Effingham
- Grundy
- Henry
- Jackson
- Kankakee
- Lake
- Livingston
- Logan
- McHenry
- McLean
- Sangamon
- St. Clair
- Vermilion
- Whiteside
- Will

# Additional Items

- Annual Registration Renewals
- New Registrations – 155 in Fiscal Year 2007
- Moving Permits
- Premise ID
- IDOA Service to Apiary Industry

# 2007 APIARY INSPECTION DISTRICTS

