

Lower Michigan Region  
(summary of TreeAtlas results 2013-see companion file for keys to interpret)  
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**DISTRIB Results (suitable habitat)**

FIA	Common Name	Current IV		Modeled IV		Future:Current		Change Class	
		Actual	Current Modeled	2070 - 2099		2070 - 2099		PCM B1	GFDL A1FI
				PCM B1	GFDL A1FI	PCM B1	GFDL A1FI		
951	American basswood	406	496	392	162	0.79	0.33	Sm. Decrease	Lg. Decrease
531	American beech	156	237	329	123	1.39	0.52	Sm. Increase	Sm. Decrease
972	American elm	1524	1509	1638	1807	1.09	1.2	No change	Sm. Increase
391	American hornbeam; m	233	194	188	190	0.97	0.98	No change	No change
12	balsam fir	5	12	0	0	0	0	Lg. Decrease*	Lg. Decrease*
741	balsam poplar	77	52	0	99	0	1.9	Lg. Decrease	Sm. Increase
743	bigtooth aspen	411	387	187	9	0.48	0.02	Lg. Decrease	Lg. Decrease
804	bitternut hickory	141	142	121	176	0.85	1.24	No change	Sm. Increase
402	bitternut hickory	154	153	209	245	1.37	1.6	Sm. Increase	Sm. Increase
543	black ash	309	377	167	163	0.44	0.43	Lg. Decrease	Lg. Decrease
762	black cherry	1196	1229	1356	202	1.1	0.16	No change	Lg. Decrease
408	black hickory	0	0	1	32	New	New	NA	New Habitat
901	black locust	72	87	198	593	2.28	6.82	Lg. Increase	Lg. Increase
314	black maple	4	0	0	0	0	0	Lg. Decrease*	Lg. Decrease*
837	black oak	365	401	533	481	1.33	1.2	Sm. Increase	Sm. Increase
602	black walnut	168	192	379	483	1.97	2.52	Sm. Increase	Lg. Increase
922	black willow	215	233	214	340	0.92	1.46	No change	Sm. Increase
693	blackgum	43	10	42	34	4.2	3.4	Sm. Increase*	No change*
824	blackjack oak	0	0	0	191	NA	New	NA	New Habitat
313	boxelder	184	246	251	749	1.02	3.04	No change	Lg. Increase
823	bur oak	102	133	124	671	0.93	5.05	No change	Lg. Increase
601	butternut	40	5	0	0	0	0	Lg. Increase*	Lg. Decrease
973	cedar elm	0	0	0	9	NA	New	NA	New Habitat
826	chinkapin oak	9	0	17	174	1.89	19.33	No change*	Lg. Increase*
763	chokecherry	65	39	13	0	0.33	0	Lg. Decrease	Lg. Decrease
521	common persimmon	0	0	5	70	New	New	New Habitat	New Habitat
742	eastern cottonwood	288	290	285	713	0.98	2.46	No change	Lg. Increase
261	eastern hemlock	32	33	10	0	0.3	0	Lg. Decrease	Lg. Decrease

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		Actual	Current Modeled	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI	PCM B1	GFDL A1FI
701	eastern hophornbeam;	210	244	263	125	1.08	0.51	No change	Sm. Decrease
471	eastern redbud	0	6	85	381	14.17	63.5	New Habitat	New Habitat
68	eastern redcedar	27	15	135	586	9	39.07	Lg. Increase*	Lg. Increase*
129	eastern white pine	249	288	188	2	0.65	0.01	Sm. Decrease	Lg. Decrease
491	flowering dogwood	141	102	201	139	1.97	1.36	Sm. Increase	Sm. Increase
544	green ash	785	789	657	1012	0.83	1.28	No change	Sm. Increase
462	hackberry	27	71	387	693	5.45	9.76	Lg. Increase	Lg. Increase
552	honeylocust	20	14	140	350	10	25	Lg. Increase*	Lg. Increase*
105	jack pine	49	45	11	6	0.24	0.13	Lg. Decrease	Lg. Decrease
409	mockernut hickory	41	66	147	258	2.23	3.91	Lg. Increase	Lg. Increase
452	northern catalpa	4	0	0	0	0	0	Lg. Decrease*	Lg. Decrease*
809	northern pin oak	84	38	22	12	0.58	0.32	Sm. Decrease	Lg. Decrease
833	northern red oak	913	849	778	417	0.92	0.49	No change	Lg. Decrease
241	northern white-cedar	107	133	13	37	0.1	0.28	Lg. Decrease	Lg. Decrease
331	Ohio buckeye	1	10	15	8	1.5	0.8	No change*	No change*
641	Osage-orange	2	10	78	177	7.8	17.7	Sm. Increase*	Lg. Increase*
375	paper birch	190	187	20	0	0.11	0	Lg. Decrease	Lg. Decrease
404	pecan	0	0	2	27	New	New	NA	New Habitat
403	pignut hickory	56	89	238	233	2.67	2.62	Lg. Increase	Lg. Increase
761	pin cherry	65	9	4	4	0.44	0.44	Sm. Decrease*	Sm. Decrease*
830	pin oak	19	56	165	412	2.95	7.36	Lg. Increase	Lg. Increase
835	post oak	0	0	8	467	New	New	New Habitat	New Habitat
746	quaking aspen	748	741	157	86	0.21	0.12	Lg. Decrease	Lg. Decrease
316	red maple	1910	1692	1302	1209	0.77	0.71	Sm. Decrease	Sm. Decrease
682	red mulberry	25	9	68	347	7.56	38.56	Sm. Increase*	Lg. Increase*
125	red pine	211	265	119	89	0.45	0.34	Lg. Decrease	Lg. Decrease
977	rock elm	51	1	12	35	12	35	Lg. Increase	Lg. Increase
931	sassafras	282	216	322	234	1.49	1.08	Sm. Increase	No change

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				PCM B1	GFDL A1FI	PCM B1	GFDL A1FI		
806	scarlet oak	2	4	6	4	1.5	1	No change*	No change*
407	shagbark hickory	195	272	395	473	1.45	1.74	Sm. Increase	Sm. Increase
405	shellbark hickory	14	0	0	86	0	6.14	Lg. Increase*	Sm. Increase*
817	shingle oak	0	0	5	96	New	New	New Habitat	New Habitat
317	silver maple	382	389	491	924	1.26	2.38	Sm. Increase	Lg. Increase
975	slippery elm	143	213	308	466	1.45	2.19	Sm. Increase	Lg. Increase
318	sugar maple	710	830	865	367	1.04	0.44	No change	Lg. Decrease
461	sugarberry	0	0	0	77	NA	New	NA	New Habitat
611	sweetgum	0	0	5	0	New	NA	New Habitat	NA
731	sycamore	49	26	137	134	5.27	5.15	Lg. Increase	Lg. Increase
71	tamarack (native)	63	27	1	31	0.04	1.15	Lg. Decrease	No change
819	turkey oak	0	0	4	0	New	NA	New Habitat	NA
541	white ash	999	1105	1070	506	0.97	0.46	No change	Lg. Decrease
802	white oak	743	790	814	515	1.03	0.65	No change	Sm. Decrease
94	white spruce	50	2	4	5	2	2.5	No change*	No change*
971	winged elm	0	0	0	77	NA	New	NA	New Habitat
371	yellow birch	65	31	8	0	0.26	0	Lg. Decrease	Lg. Decrease
621	yellow-poplar	66	37	100	40	2.7	1.08	Lg. Increase	No change