

2004 Tournament Catch Report Synopsis

In 1996 the Pennsylvania Fish and Boat Commission adopted a regulation that could require anglers who sponsor special fishing events (tournaments) on Commonwealth waters to complete a fishing event catch report. Approved event permits are required for sponsors of fishing or marine activities that involves 10 or more participants or an unusual concentration of boats or anglers. For most events that involve targeting warmwater and coolwater fish species an event catch report is required.

Beginning in 1997 approved permit mailings included a catch report form where reporting was identified as a permit requirement. The catch reporting requirement is intended to provide a better understanding of the level of participation, catch and harvest occurring in association with tournaments held on all waters in Pennsylvania and to provide Fisheries Management personnel with better information to guide Law Enforcement personnel in the permit issuing process. Responsible management will serve to enhance recreational fishing opportunities enjoyed by avid tournament anglers as well as non-tournament anglers. Tournament data collection represents one method through which agency personnel can monitor use of fishery resources and thereby insure those resources are appropriately managed.

Report requirements included reporting the number of anglers participating in the event, the duration of the event (days), the length of each fishing day, identification of the number of fish caught and entered in the tournament, and of those, the number released alive, released stressed, and harvested. Stressed fish are specifically defined as fish that do not swim away upright within 1 minute of release. All details are reported in association with event location. Minor changes were made to the report form in 1998 and 1999, primarily to facilitate ease of use and prevent oversights. From individual event reports submitted by event sponsors, catch and event data was tabulated by water. We produced individual tabular summaries for black bass (Table 1) and for other fish species (Table 2) targeted in fishing events. In 2004, black bass *Micropterus spp.* were caught most frequently followed by white perch *Morone americana*, walleye *Sander vitreus*, "panfish", common carp *Cyprinus carpio*, crappie *Pomoxis spp.*, catfish *Ameiurus spp.* and *Ictalurus spp.*, yellow perch *Perca flavescens*, and striped

bass *Morone saxatilis*. In 2004, 38,537 black bass were reported caught, followed by 2,960 white perch, 1515 walleye, 1474 "panfish", 724 common carp, 472 crappie species, 449 catfish, 307 yellow perch, 207 striped bass, and many other less frequently targeted species. Waters fished for black bass that accounted for the greatest number of event days in 2004 include: Raystown Lake (83), Lake Wallenpaupack (56), Glendale Lake (53), F. J. Sayers Dam (50), Two Lick Lake (42), Pymatuning Lake (38), Harveys Lake (32), and Blue Marsh Reservoir (29).

Black bass permitted fishing event days have increased steadily from 1997 through 2002, some 1166 event days were reported and summarized in 2004 (Table 3). Catch of black bass at events has increased in similar fashion since 1997, with a catch of 33,676 reported in 2004. Most black bass are released alive at the end of the event day, 98 percent were released in 2004. Not all black bass survive following release. Lorantas and Kristine (2004) measured delayed mortality of 0.07 at F. J. Sayers Lake in 2002. Angler catch per hour has ranged from 0.13 to 0.18 from 1997 to 2004, in 2004 black bass angler catch rate was 0.17 (Table 3).

We recommend this project continue in 2005, with evaluation of the utility of catch statistics derived from the data collection effort relative to black bass management and permit issuance. Following a literature review, it may be worthwhile to compare tournament catch statistics to other measures of density (electrofishing catch) or fishing success (creel survey catch per hour) that are available.

Literature Cited

Lorantas, R. M. and D. P. Kristine. 2004. Black Bass fishing loss at F. J. Sayers Lake: Results of Partitioning Tournament and Non-Tournament Loss. Pennsylvania Fish and Boat Commission. Bellefonte. Pennsylvania. USA.

Table 1. Number of fishing days and fishing participants, by water, where black bass were targeted or captured at a permitted fishing event in Pennsylvania. For each water, the number of black bass caught, harvested, and released, by release condition, is listed. The percent released alive and various catch rate statistics are also listed. Data is derived from event sponsors required to report event statistics to the Pennsylvania Fish and Boat Commission as a condition of sponsorship in 2004. (Multiple page table)

Water Location													
Water	Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Allegheny Reservoir			7	218	All Black Bass	410	403	0	7	98.3	58.6	1.36	0.17
					Largemouth Bass	6	6	0	0	100.0	0.9	0.01	0.00
					Smallmouth Bass	404	397	0	7	98.3	57.7	1.34	0.17
Allegheny, Monongahela, and Ohio Rivers			2	92	All Black Bass	94	93	0	1	98.9	47.0	0.76	0.10
					Largemouth Bass	3	3	0	0	100.0	1.5	0.02	0.00
					Smallmouth Bass	82	81	0	1	98.8	41.0	0.69	0.09
					Spotted Bass	9	9	0	0	100.0	4.5	0.06	0.01
Allegheny River	French Creek	Richey Run	1	5	All Black Bass	8	8	0	0	100.0	8.0	1.60	0.20
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00
					Smallmouth Bass	8	8	0	0	100.0	8.0	1.60	0.20
Allegheny River	Richey Run	Lock and Dam 9	2	28	All Black Bass	13	13	0	0	100.0	6.5	0.54	0.07
					Largemouth Bass	4	4	0	0	100.0	2.0	0.33	0.04

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Water Location				Number	Angler		Sum of	Sum of	Sum of	Sum of	Percent	Mean	Mean	Catch
Water	Upper River limit	Lower River Limit	Event days	Participants	Species	Catch	Released Alive	Released Stressed	Harvested	Released Alive	Catch Per Event	Catch Per Angler	Catch per hour	
Allegheny River	Richey Run	Lock and Dam 9	2	28	Smallmouth Bass	9	9	0	0	100.0	4.5	0.20	0.03	
Allegheny River	Sugar Creek	Lock and Dam 9	2	25	All Black Bass	33	32	0	1	97.0	16.5	1.39	0.17	
					Largemouth Bass	5	5	0	0	100.0	2.5	0.20	0.02	
					Smallmouth Bass	28	27	0	1	96.4	14.0	1.19	0.15	
Allegheny River	Lock and Dam 9	Lock and Dam 8	6	69	All Black Bass	42	42	0	0	100.0	7.0	0.63	0.14	
					Largemouth Bass	11	11	0	0	100.0	1.8	0.11	0.01	
					Smallmouth Bass	31	31	0	0	100.0	5.2	0.52	0.12	
					Spotted Bass	0	0	0	0		0.0	0.00	0.00	
Allegheny River	Lock and Dam 8	Lock and Dam 7	3	25	All Black Bass	12	12	0	0	100.0	4.0	0.52	0.17	
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00	
					Smallmouth Bass	12	12	0	0	100.0	4.0	0.52	0.17	
					Spotted Bass	0	0	0	0		0.0	0.00	0.00	

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Allegheny River	Lock and Dam 8	Lock and Dam 6	1	5	All Black Bass	6	5	0	1	83.3	6.0	1.20	0.15
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	6	5	0	1	83.3	6.0	1.20	0.15
Allegheny River	Lock and Dam 7	Lock and Dam 6	7	309	All Black Bass	78	74	3	1	94.9	11.1	0.43	0.09
					Largemouth Bass	18	18	0	0	100.0	2.6	0.14	0.02
					Smallmouth Bass	59	55	3	1	93.2	8.4	0.29	0.06
					Spotted Bass	1	1	0	0	100.0	0.2	0.00	0.00
Allegheny River	Lock and Dam 5	Point At Pittsburgh	1	118	All Black Bass	3	3	0	0	100.0	3.0	0.03	0.00
					Largemouth Bass	1	1	0	0	100.0	1.0	0.01	0.00
					Smallmouth Bass	2	2	0	0	100.0	2.0	0.02	0.00
Allegheny River	Lock and Dam 4	Point At Pittsburgh	1	50	All Black Bass	2	2	0	0	100.0	2.0	0.04	0.00
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	

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Allegheny River	Lock and Dam 4	Point At Pittsburgh	1	50	Smallmouth Bass	2	2	0	0	100.0	2.0	0.04	0.00
					Spotted Bass	0	0	0	0	0.0	0.00	0.00	
Allegheny River	Kinzua Dam	Oil Creek	1	52	All Black Bass	62	62	0	0	100.0	62.0	1.19	0.15
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	62	62	0	0	100.0	62.0	1.19	0.15
Allegheny River	Kinzua Dam	French Creek	2	533	All Black Bass	97	86	10	1	88.7	48.5	0.43	0.04
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	97	86	10	1	88.7	48.5	0.43	0.04
Allegheny River	Brokenstraw Creek	Sugar Creek	1	36	All Black Bass	34	34	0	0	100.0	34.0	0.94	0.13
					Largemouth Bass	1	1	0	0	100.0	1.0	0.03	0.00
					Smallmouth Bass	33	33	0	0	100.0	33.0	0.92	0.13
Belmont Lake			2	27	All Black Bass	56	56	0	0	100.0	28.0	2.02	0.25

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Water														
Belmont Lake	Largemouth Bass			2	27		42	42	0	0	100.0	21.0	1.51	0.19
	Smallmouth Bass						14	14	0	0	100.0	7.0	0.51	0.06
Beltzville Lake	All Black Bass			9	135		114	110	0	4	96.5	12.7	0.93	0.12
	Largemouth Bass						56	55	0	1	98.2	6.2	0.50	0.07
	Smallmouth Bass						58	55	0	3	94.8	6.4	0.43	0.06
Bimini Lake	All Black Bass			1	26		46	46	0	0	100.0	46.0	1.77	0.35
	Largemouth Bass						5	5	0	0	100.0	5.0	0.19	0.04
	Smallmouth Bass						41	41	0	0	100.0	41.0	1.58	0.32
Black Moshannon Lake	All Black Bass			2	24		30	29	0	1	96.7	15.0	1.25	0.17
	Largemouth Bass						30	29	0	1	96.7	15.0	1.25	0.17
Blue Marsh Reservoir	All Black Bass			29	1159		365	359	5	1	98.4	12.6	0.36	0.06
	Largemouth Bass						268	263	5	0	98.1	9.2	0.27	0.05

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Water	Per Event											Per Angler	per hour	
Blue Marsh Reservoir				29	1159	Smallmouth Bass	97	96	0	1	99.0	3.3	0.09	0.02
Briar Ck Lake				1	8	All Black Bass	5	5	0	0	100.0	5.0	0.63	0.10
			Largemouth Bass			5	5	0	0	100.0	5.0	0.63	0.10	
			Smallmouth Bass			0	0	0	0	0.0	0.00	0.00		
C F Walker Lake				2	38	All Black Bass	27	25	0	2	92.6	13.5	0.69	0.09
			Largemouth Bass			27	25	0	2	92.6	13.5	0.69	0.09	
Canoe Lake				2	36	All Black Bass	13	13	0	0	100.0	6.5	0.38	0.05
			Largemouth Bass			13	13	0	0	100.0	6.5	0.38	0.05	
			Smallmouth Bass			0	0	0	0	0.0	0.00	0.00		
Chester- Octoraro River				6	114	All Black Bass	107	106	0	1	99.1	17.8	0.97	0.13
			Largemouth Bass			104	103	0	1	99.0	17.3	0.94	0.13	
			Smallmouth Bass			3	3	0	0	100.0	0.5	0.04	0.00	

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Water	Mean Catch Per Event											Mean Catch Per Angler	per hour	
Clarion River	SR 36 Bridge at Cooksburg	Mill Creek	1	18	All Black Bass	29	27	0	2	93.1	29.0	1.61	0.23	
					Largemouth Bass	14	14	0	0	100.0	14.0	0.78	0.11	
					Smallmouth Bass	15	13	0	2	86.7	15.0	0.83	0.12	
Conneaut Lake			10	195	All Black Bass	274	260	2	12	94.9	27.4	1.75	0.22	
					Largemouth Bass	253	242	2	9	95.7	25.3	1.58	0.20	
					Smallmouth Bass	21	18	0	3	85.7	2.1	0.17	0.02	
Conewago Lake			21	928	All Black Bass	436	432	0	4	99.1	20.8	0.52	0.09	
					Largemouth Bass	426	422	0	4	99.1	20.3	0.49	0.09	
					Smallmouth Bass	10	10	0	0	100.0	0.5	0.03	0.00	
Cowanesque Reservoir			12	181	All Black Bass	393	381	0	12	96.9	32.8	2.21	0.29	
					Largemouth Bass	274	267	0	7	97.4	22.8	1.62	0.22	
					Smallmouth Bass	119	114	0	5	95.8	9.9	0.59	0.07	

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Crooked Ck Lake			10	139	All Black Bass	202	198	0	4	98.0	20.2	1.47	0.24
					Largemouth Bass	188	184	0	4	97.9	18.8	1.34	0.22
					Smallmouth Bass	14	14	0	0	100.0	1.6	0.15	0.02
Cross Ck Lake			9	373	All Black Bass	127	126	0	1	99.2	14.1	0.37	0.05
					Largemouth Bass	127	126	0	1	99.2	14.1	0.37	0.05
Curwensville Lake			9	134	All Black Bass	172	171	0	1	99.4	19.1	1.25	0.18
					Largemouth Bass	141	140	0	1	99.3	15.7	1.02	0.15
					Smallmouth Bass	31	31	0	0	100.0	3.4	0.23	0.03
Delaware Estuary	Trenton Falls	Neshaminy Creek	3	43	All Black Bass	71	71	0	0	100.0	23.7	1.45	0.18
					Largemouth Bass	71	71	0	0	100.0	23.7	1.45	0.18
					Smallmouth Bass	0	0	0	0		0.0	0.00	0.00
Delaware Estuary	Trenton Falls	Tacony-Palmyra Bridge	4	77	All Black Bass	77	75	0	2	97.4	19.3	1.05	0.13

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Delaware Estuary	Trenton Falls	Tacony-Palmyra Bridge	4	77	Largemouth Bass	76	75	0	1	98.7	19.0	1.03	0.13
					Smallmouth Bass	1	0	0	1	0.0	0.3	0.02	0.00
Delaware Estuary	Trenton Falls	PA-DE State Line	17	359	All Black Bass	486	481	0	5	99.0	28.6	1.43	0.18
					Largemouth Bass	483	478	0	5	99.0	28.4	1.42	0.18
					Smallmouth Bass	3	3	0	0	100.0	0.2	0.01	0.00
Delaware River	Tohickon Creek	Trenton Falls	1	31	All Black Bass	7	7	0	0	100.0	7.0	0.23	0.04
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	7	7	0	0	100.0	7.0	0.23	0.04
Duck Harbor Pond			8	166	All Black Bass	159	155	0	4	97.5	19.9	0.95	0.17
					Largemouth Bass	110	110	0	0	100.0	13.8	0.62	0.12
					Smallmouth Bass	49	45	0	4	91.8	6.1	0.33	0.06
E Br Clarion R Lake			1	18	All Black Bass	15	15	0	0	100.0	15.0	0.83	0.10

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E Br Clarion R Lake			1	18	Smallmouth Bass	15	15	0	0	100.0	15.0	0.83	0.10
Edinboro Lake			9	120	All Black Bass	304	303	0	1	99.7	33.8	2.56	0.35
					Largemouth Bass	276	275	0	1	99.6	30.7	2.33	0.32
					Smallmouth Bass	28	28	0	0	100.0	3.1	0.23	0.03
Fairview Lake			4	55	All Black Bass	97	69	27	1	71.1	24.3	1.69	0.22
					Largemouth Bass	68	42	26	0	61.8	17.0	1.21	0.16
					Smallmouth Bass	29	27	1	1	93.1	7.3	0.49	0.06
F J Sayers Lake			50	1345	All Black Bass	1322	1304	6	12	98.6	26.4	1.32	0.18
					Largemouth Bass	1132	1120	6	6	98.9	22.6	1.14	0.15
					Smallmouth Bass	190	184	0	6	96.8	3.8	0.18	0.02
Frances Slocum Lake			1	11	All Black Bass	7	7	0	0	100.0	7.0	0.64	0.08
					Largemouth Bass	6	6	0	0	100.0	6.0	0.55	0.07

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Water	Per Event											Per Angler	per hour	
Frances Slocum Lake				1	11	Smallmouth Bass	1	1	0	0	100.0	1.0	0.09	0.01
G B Stevenson Reservoir				5	80	All Black Bass	111	107	0	4	96.4	22.2	1.21	0.16
			Largemouth Bass			102	99	0	3	97.1	20.4	1.10	0.15	
			Smallmouth Bass			9	8	0	1	88.9	1.8	0.11	0.01	
Glendale Lake				53	2098	All Black Bass	1339	1314	1	24	98.1	25.3	0.66	0.11
			Largemouth Bass			1088	1068	1	19	98.2	20.5	0.55	0.09	
			Smallmouth Bass			251	246	0	5	98.0	4.7	0.10	0.02	
Gouldsboro Lake				12	576	All Black Bass	918	885	0	33	96.4	76.5	1.97	0.28
			Largemouth Bass			918	885	0	33	96.4	76.5	1.97	0.28	
Hammond Lake				3	59	All Black Bass	167	166	0	1	99.4	55.7	2.77	0.36
			Largemouth Bass			113	112	0	1	99.1	37.7	1.88	0.25	
			Smallmouth Bass			54	54	0	0	100.0	18.0	0.89	0.12	

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Water	Per Event											Catch Per Angler		
Harveys Lake	All Black Bass			32	1302		896	892	0	4	99.6	28.0	0.87	0.14
	Largemouth Bass						670	668	0	2	99.7	20.9	0.65	0.11
	Smallmouth Bass						226	224	0	2	99.1	7.1	0.22	0.03
High Point Lake	All Black Bass			1	15		15	15	0	0	100.0	15.0	1.00	0.13
	Largemouth Bass						10	10	0	0	100.0	10.0	0.67	0.08
	Smallmouth Bass						5	5	0	0	100.0	5.0	0.33	0.04
Hills Ck Lake	All Black Bass			2	26		25	25	0	0	100.0	12.5	0.98	0.13
	Largemouth Bass						25	25	0	0	100.0	12.5	0.98	0.13
Hopewell Dm	All Black Bass			1	20		4	4	0	0	100.0	4.0	0.20	0.03
	Largemouth Bass						4	4	0	0	100.0	4.0	0.20	0.03
Hunters Lake	All Black Bass			4	58		101	101	0	0	100.0	25.3	1.90	0.25
	Largemouth Bass						94	94	0	0	100.0	23.5	1.74	0.23

Table 1. Number of fishing days and fishing participants, by water, where black bass were targeted or captured at a permitted fishing event in Pennsylvania. For each water, the number of black bass caught, harvested, and released, by release condition, is listed. The percent released alive and various catch rate statistics are also listed. Data is derived from event sponsors required to report event statistics to the Pennsylvania Fish and Boat Commission as a condition of sponsorship in 2004. (Multiple page table)

Water Location			Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean	Mean	Catch per hour
Water	Upper River limit	Lower River Limit									Per Event	Per Angler	
Hunters Lake			4	58	Smallmouth Bass	7	7	0	0	100.0	1.8	0.16	0.02
Juniata River	Raystown Br Jun R	Kishacoquillas Creek	3	182	All Black Bass	34	34	0	0	100.0	11.3	0.69	0.08
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00
					Smallmouth Bass	34	34	0	0	100.0	11.3	0.69	0.08
Juniata River	Raystown Br Jun R	Tuscarora Creek	4	531	All Black Bass	61	58	0	3	95.1	15.3	0.06	0.01
					Largemouth Bass	19	19	0	0	100.0	9.5	0.04	0.00
					Smallmouth Bass	42	39	0	3	92.9	10.5	0.04	0.00
Juniata River	Aughwick Creek	Kishacoquillas Creek	4	30	All Black Bass	54	54	0	0	100.0	13.5	0.90	0.05
					Largemouth Bass	2	2	0	0	100.0	0.5	0.03	0.00
					Smallmouth Bass	52	52	0	0	100.0	13.0	0.87	0.04
Juniata River	Kishacoquillas Creek	Buffalo Creek	2	126	All Black Bass	11	11	0	0	100.0	5.5	0.04	0.00
					Smallmouth Bass	11	11	0	0	100.0	5.5	0.04	0.00

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Water	Mean Catch Per Event											Mean Catch Per Angler	per hour	
Kettle Ck Lake	All Black Bass			3	35		71	70	0	1	98.6	23.7	2.04	0.25
	Largemouth Bass						60	59	0	1	98.3	20.0	1.68	0.21
	Smallmouth Bass						11	11	0	0	100.0	3.7	0.36	0.04
Keystone Lake (Armstrong County)	All Black Bass			19	406		231	228	0	3	98.7	12.2	0.64	0.11
	Largemouth Bass						132	130	0	2	98.5	6.9	0.36	0.06
	Smallmouth Bass						99	98	0	1	99.0	5.2	0.28	0.05
Lackawanna Lake	All Black Bass			12	255		118	115	0	3	97.5	9.8	0.39	0.05
	Largemouth Bass						118	115	0	3	97.5	9.8	0.39	0.05
	Smallmouth Bass						0	0	0	0	0.0	0.00	0.00	
Leboeuf Lake	All Black Bass			1	13		21	21	0	0	100.0	21.0	1.62	0.20
	Largemouth Bass						20	20	0	0	100.0	20.0	1.54	0.19
	Smallmouth Bass						1	1	0	0	100.0	1.0	0.08	0.01

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Water	Upper River limit	Lower River Limit									Per Event	Per Angler	
Lily Lake			1	7	All Black Bass	2	2	0	0	100.0	2.0	0.29	0.04
					Largemouth Bass	2	2	0	0	100.0	2.0	0.29	0.04
Lake Arthur			24	1781	All Black Bass	622	603	2	17	96.9	25.9	0.51	0.08
					Largemouth Bass	541	523	2	16	96.7	22.5	0.46	0.08
					Smallmouth Bass	81	80	0	1	98.8	3.4	0.05	0.01
Lake Carey			20	347	All Black Bass	531	517	6	8	97.4	26.6	1.41	0.24
					Largemouth Bass	437	426	6	5	97.5	21.9	1.16	0.20
					Smallmouth Bass	94	91	0	3	96.8	4.7	0.25	0.04
Lake Chillisquaque			2	32	All Black Bass	19	19	0	0	100.0	9.5	0.56	0.10
					Largemouth Bass	19	19	0	0	100.0	9.5	0.56	0.10
Lake Erie			15	177	All Black Bass	405	366	3	36	90.4	27.0	2.07	0.25
					Largemouth Bass	104	96	0	8	92.3	6.9	0.59	0.07

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Water Location		Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean	Mean	Catch
Water	Per Event											Per Angler	per hour	
Lake Erie				15	177	Smallmouth Bass	301	270	3	28	89.7	20.1	1.47	0.18
Lake Henry				21	745	All Black Bass	664	656	3	5	98.8	31.6	0.81	0.16
						Largemouth Bass	637	631	2	4	99.1	30.3	0.79	0.15
						Smallmouth Bass	27	25	1	1	92.6	1.3	0.02	0.00
Lake Heritage				2	62	All Black Bass	16	16	0	0	100.0	8.0	0.26	0.08
						Largemouth Bass	11	11	0	0	100.0	5.5	0.20	0.05
						Smallmouth Bass	5	5	0	0	100.0	2.5	0.06	0.02
Lake Marburg				2	66	All Black Bass	54	53	0	1	98.1	27.0	1.80	0.22
						Largemouth Bass	54	53	0	1	98.1	27.0	1.80	0.22
						Smallmouth Bass	0	0	0	0		0.0	0.00	0.00
Lake Redman				2	64	All Black Bass	55	55	0	0	100.0	27.5	1.62	0.20
						Largemouth Bass	55	55	0	0	100.0	27.5	1.62	0.20

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Water Location		Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean	Mean	Catch
Water	Per Event											Catch Per Angler	per hour	
Lake Redman				2	64	Smallmouth Bass	0	0	0	0		0.0	0.00	0.00
Lake Wallenpaupack				56	1846	All Black Bass	2645	2618	4	23	99.0	47.2	1.64	0.24
						Largemouth Bass	792	785	1	6	99.1	14.1	0.52	0.08
						Smallmouth Bass	1853	1833	3	17	98.9	33.7	1.13	0.16
Lake Wilhelm				21	413	All Black Bass	680	670	0	10	98.5	32.4	1.80	0.23
						Largemouth Bass	680	670	0	10	98.5	32.4	1.80	0.23
Lake Winola				1	54	All Black Bass	132	132	0	0	100.0	132.0	2.44	0.41
						Largemouth Bass	125	125	0	0	100.0	125.0	2.31	0.39
						Smallmouth Bass	7	7	0	0	100.0	7.0	0.13	0.02
Long Arm Dm				1	15	All Black Bass	29	27	0	2	93.1	29.0	1.93	0.21
						Largemouth Bass	25	24	0	1	96.0	25.0	1.67	0.19
						Smallmouth Bass	4	3	0	1	75.0	4.0	0.27	0.03

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Water Location		Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Water	Upper River limit											
Long Pond		3	59	All Black Bass	52	51	0	1	98.1	17.3	0.81	0.15
				Largemouth Bass	34	34	0	0	100.0	11.3	0.55	0.11
				Smallmouth Bass	18	17	0	1	94.4	6.0	0.26	0.04
Loyalhanna Lake		9	134	All Black Bass	160	156	1	3	97.5	17.8	1.11	0.15
				Largemouth Bass	160	156	1	3	97.5	17.8	1.11	0.15
Lower Woods Pond		2	40	All Black Bass	7	7	0	0	100.0	3.5	0.18	0.04
				Largemouth Bass	7	7	0	0	100.0	3.5	0.18	0.04
Mahoning Ck Lake		3	61	All Black Bass	119	118	0	1	99.2	39.7	2.05	0.30
				Largemouth Bass	86	85	0	1	98.8	28.7	1.52	0.23
				Smallmouth Bass	33	33	0	0	100.0	11.0	0.53	0.08
Manor Lake		4	116	All Black Bass	445	445	0	0	100.0	111.3	1.74	0.22
				Largemouth Bass	445	445	0	0	100.0	111.3	1.74	0.22

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Water Location		Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Water														
Marsh Creek Lake	All Black Bass			28	996		924	909	1	14	98.4	33.0	1.30	0.19
	Largemouth Bass						919	904	1	14	98.4	32.8	1.29	0.19
	Smallmouth Bass						5	5	0	0	100.0	0.2	0.01	0.00
Mauch Chunk Lake	All Black Bass			12	735		55	55	0	0	100.0	4.6	0.11	0.02
	Largemouth Bass						53	53	0	0	100.0	4.4	0.11	0.02
	Smallmouth Bass						2	2	0	0	100.0	0.2	0.00	0.00
Meadow Grounds Lake	All Black Bass			3	60		122	114	0	8	93.4	40.7	2.09	0.26
	Largemouth Bass						121	113	0	8	93.4	40.3	2.07	0.26
	Smallmouth Bass						1	1	0	0	100.0	0.3	0.02	0.00
Miller Pond	All Black Bass			2	58		97	97	0	0	100.0	48.5	1.56	0.29
	Largemouth Bass						97	97	0	0	100.0	48.5	1.56	0.29
Minsi Lake	All Black Bass			1	10		28	28	0	0	100.0	28.0	2.80	0.35

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Water	Upper River limit	Lower River Limit									Mean Catch Per Event	Mean Catch Per Angler		
Minsi Lake			1	10	Largemouth Bass	28	28	0	0	100.0	28.0	2.80	0.35	
					Smallmouth Bass	0	0	0	0		0.0	0.00	0.00	
Monongahela River	PA-WV State Line	Grays Landing Lock and Dam	1	7	All Black Bass	10	10	0	0	100.0	10.0	1.43	0.18	
					Largemouth Bass	2	2	0	0	100.0	2.0	0.29	0.04	
					Smallmouth Bass	8	8	0	0	100.0	8.0	1.14	0.14	
					Spotted Bass	0	0	0	0		0.0	0.00	0.00	
Monongahela River	Grays Landing Lock and Dam	Maxwell Lock and Dam	4	314	All Black Bass	117	113	2	2	96.6	29.3	0.36	0.05	
					Largemouth Bass	45	45	0	0	100.0	11.3	0.20	0.03	
					Smallmouth Bass	66	62	2	2	93.9	16.5	0.13	0.02	
					Spotted Bass	6	6	0	0	100.0	1.5	0.03	0.00	
Monongahela River	Grays Landing Lock and Dam	Lock and Dam	4	1	12	All Black Bass	6	6	0	0	100.0	6.0	0.50	0.06
					Largemouth Bass	4	4	0	0	100.0	4.0	0.33	0.04	

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Monongahela River	Grays Landing Lock and Dam	Lock and Dam	4	1	12	Smallmouth Bass	2	2	0	0	100.0	2.0	0.17	0.02
						Spotted Bass	0	0	0	0	0.0	0.00	0.00	
Monongahela River	Maxwell Lock and Dam	Lock and Dam	4	3	29	All Black Bass	13	12	0	1	92.3	4.3	0.48	0.06
						Largemouth Bass	3	2	0	1	66.7	1.0	0.10	0.01
						Smallmouth Bass	10	10	0	0	100.0	3.3	0.38	0.05
						Spotted Bass	0	0	0	0	0.0	0.00	0.00	
Monongahela River	Maxwell Lock and Dam	Lock and Dam	3	1	21	All Black Bass	11	11	0	0	100.0	11.0	0.52	0.07
						Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
						Smallmouth Bass	11	11	0	0	100.0	11.0	0.52	0.07
						Spotted Bass	0	0	0	0	0.0	0.00	0.00	
Monongahela River	Maxwell Lock and Dam	Point At Pittsburgh	1		14	All Black Bass	4	4	0	0	100.0	4.0	0.29	0.04
						Largemouth Bass	0	0	0	0	0.0	0.00	0.00	

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Monongahela River	Maxwell Lock and Dam	Point At Pittsburgh	1	14	Smallmouth Bass	4	4	0	0	100.0	4.0	0.29	0.04
					Spotted Bass	0	0	0	0	0.0	0.00	0.00	
Monongahela River	Lock and Dam 3	Point At Pittsburgh	1	90	All Black Bass	48	46	0	2	95.8	48.0	0.53	0.07
					Largemouth Bass	32	30	0	2	93.8	32.0	0.36	0.04
					Smallmouth Bass	16	16	0	0	100.0	16.0	0.18	0.02
					Spotted Bass	0	0	0	0	0.0	0.00	0.00	
Monongahela River	Lock and Dam 2	Point At Pittsburgh	1	9	All Black Bass	0	0	0	0	0.0	0.00	0.00	0.00
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	0.00
					Smallmouth Bass	0	0	0	0	0.0	0.00	0.00	0.00
					Spotted Bass	0	0	0	0	0.0	0.00	0.00	0.00
Moon Lake			1	150	All Black Bass	2	2	0	0	100.0	2.0	0.01	0.00
					Largemouth Bass	2	2	0	0	100.0	2.0	0.01	0.00

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Water	Mean Catch Per Event											Mean Catch Per Angler	per hour	
Muddy Run Rec Lake				1	11	All Black Bass	12	12	0	0	100.0	12.0	1.09	0.14
			Largemouth Bass			12	12	0	0	100.0	12.0	1.09	0.14	
			Smallmouth Bass			0	0	0	0		0.0	0.00	0.00	
Nockamixon Lake				14	549	All Black Bass	325	319	0	6	98.2	23.2	0.68	0.08
			Largemouth Bass			308	304	0	4	98.7	22.0	0.65	0.08	
			Smallmouth Bass			17	15	0	2	88.2	1.2	0.03	0.00	
Ohio River	Emsworth Lock and Dam	Dashields Lock and Dam	1	13	All Black Bass	6	6	0	0	100.0	6.0	0.46	0.06	
					Largemouth Bass	3	3	0	0	100.0	3.0	0.23	0.03	
					Smallmouth Bass	3	3	0	0	100.0	3.0	0.23	0.03	
Ohio River	Dashields Lock and Dam	Montgomery Lock and Dam	2	170	All Black Bass	25	24	0	1	96.0	12.5	0.08	0.01	
					Largemouth Bass	3	3	0	0	100.0	1.5	0.01	0.00	
					Smallmouth Bass	15	14	0	1	93.3	7.5	0.05	0.01	

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Water	Upper River limit	Lower River Limit											
Ohio River	Dashiels Lock and Dam	Montgomery Lock and Dam	2	170	Spotted Bass	7	7	0	0	100.0	3.5	0.02	0.00
Presque Isle Bay			19	495	All Black Bass	894	881	2	11	98.5	47.1	1.61	0.20
					Largemouth Bass	636	629	2	5	98.9	33.5	1.27	0.16
					Smallmouth Bass	258	252	0	6	97.7	13.6	0.34	0.04
Presque Isle Bay and Lake Erie			8	385	All Black Bass	618	539	28	51	87.2	77.3	1.69	0.21
					Largemouth Bass	129	128	0	1	99.2	16.1	0.47	0.06
					Smallmouth Bass	489	411	28	50	84.0	61.1	1.22	0.15
Prompton Reservoir			13	714	All Black Bass	668	644	0	24	96.4	51.4	1.40	0.20
					Largemouth Bass	506	488	0	18	96.4	38.9	1.04	0.15
					Smallmouth Bass	162	156	0	6	96.3	12.5	0.36	0.05
Pymatuning Lake			38	1043	All Black Bass	2391	2312	6	73	96.7	62.9	2.63	0.32
					Largemouth Bass	2030	1960	5	65	96.6	53.4	2.30	0.28

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Water Location			Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Water	Upper River limit	Lower River Limit											
Pymatuning Lake			38	1043	Smallmouth Bass	361	352	1	8	97.5	9.5	0.33	0.04
Raystown Lake			83	3249	All Black Bass	4197	4109	10	78	97.9	50.6	1.48	0.21
					Largemouth Bass	2524	2465	7	52	97.7	30.4	0.91	0.13
					Smallmouth Bass	1673	1644	3	26	98.3	20.2	0.57	0.08
Roamingwood Lake			7	75	All Black Bass	112	112	0	0	100.0	16.0	1.44	0.25
					Largemouth Bass	47	47	0	0	100.0	6.7	0.64	0.12
					Smallmouth Bass	65	65	0	0	100.0	9.3	0.80	0.13
Rose Valley Lake			3	68	All Black Bass	31	30	0	1	96.8	10.3	0.52	0.07
					Largemouth Bass	31	30	0	1	96.8	10.3	0.52	0.07
					Smallmouth Bass	0	0	0	0		0.0	0.00	0.00
Schuylkill River	Black Rock Dam	Plymouth Dam	1	10	All Black Bass	7	7	0	0	100.0	7.0	0.70	0.09
					Largemouth Bass	6	6	0	0	100.0	6.0	0.60	0.08

Table 1. Number of fishing days and fishing participants, by water, where black bass were targeted or captured at a permitted fishing event in Pennsylvania. For each water, the number of black bass caught, harvested, and released, by release condition, is listed. The percent released alive and various catch rate statistics are also listed. Data is derived from event sponsors required to report event statistics to the Pennsylvania Fish and Boat Commission as a condition of sponsorship in 2004. (Multiple page table)

Water Location				Number	Angler		Sum of	Sum of	Sum of	Sum of	Percent	Mean	Mean	Catch
Water	Upper River limit	Lower River Limit	Event days	Participants	Species	Catch	Released Alive	Released Stressed	Harvested	Released Alive	Catch Per Event	Catch Per Angler	Catch per hour	
Schuylkill River	Black Rock Dam	Plymouth Dam	1	10	Smallmouth Bass	1	1	0	0	100.0	1.0	0.10	0.01	
Schuylkill River	Perkiomen Creek	Norristown Dam	2	27	All Black Bass	20	20	0	0	100.0	10.0	0.68	0.08	
					Largemouth Bass	13	13	0	0	100.0	6.5	0.44	0.05	
					Smallmouth Bass	7	7	0	0	100.0	3.5	0.23	0.03	
Schuylkill River	Plymouth Dam	Flatrock Dam	1	14	All Black Bass	26	26	0	0	100.0	26.0	1.86	0.23	
					Largemouth Bass	17	17	0	0	100.0	17.0	1.21	0.15	
					Smallmouth Bass	9	9	0	0	100.0	9.0	0.64	0.08	
Schuylkill River	T-837 Landingville	Auburn Dam	17	395	All Black Bass	225	225	0	0	100.0	13.2	0.75	0.12	
					Largemouth Bass	224	224	0	0	100.0	13.2	0.75	0.12	
					Smallmouth Bass	1	1	0	0	100.0	0.1	0.01	0.00	
Shawnee Lake			6	245	All Black Bass	93	93	0	0	100.0	15.5	0.47	0.06	
					Largemouth Bass	93	93	0	0	100.0	15.5	0.47	0.06	

Table 1. Number of fishing days and fishing participants, by water, where black bass were targeted or captured at a permitted fishing event in Pennsylvania. For each water, the number of black bass caught, harvested, and released, by release condition, is listed. The percent released alive and various catch rate statistics are also listed. Data is derived from event sponsors required to report event statistics to the Pennsylvania Fish and Boat Commission as a condition of sponsorship in 2004. (Multiple page table)

Water Location			Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Water	Upper River limit	Lower River Limit											
Shenango Lake			10	362	All Black Bass	263	260	1	2	98.9	26.3	0.89	0.11
					Largemouth Bass	253	250	1	2	98.8	25.3	0.88	0.11
					Smallmouth Bass	10	10	0	0	100.0	1.0	0.01	0.00
Speedwell Forge Lake			1	10	All Black Bass	2	2	0	0	100.0	2.0	0.20	0.02
					Largemouth Bass	2	2	0	0	100.0	2.0	0.20	0.02
					Smallmouth Bass	0	0	0	0		0.0	0.00	0.00
Susquehanna River N Br	Fishing Creek	Mouth	1	10	All Black Bass	39	39	0	0	100.0	39.0	3.90	0.49
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00
					Smallmouth Bass	39	39	0	0	100.0	39.0	3.90	0.49
Susquehanna River N Br	Oakland Dam	PA-NY State Line	1	10	All Black Bass	28	28	0	0	100.0	28.0	2.80	0.35
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00
					Smallmouth Bass	28	28	0	0	100.0	28.0	2.80	0.35

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Water Location													
Water	Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Susquehanna River N Br	Towanda Creek	Lackawanna R	1	33	All Black Bass	29	24	3	2	82.8	29.0	0.88	0.15
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	29	24	3	2	82.8	29.0	0.88	0.15
Susquehanna River N Br	Lackawanna R	Border W Pittston Exeter	1	32	All Black Bass	29	0	0	29	0.0	29.0	0.91	0.10
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	29	0	0	29	0.0	29.0	0.91	0.10
Susquehanna River N Br	Lackawanna R	Wapwallopen Creek	1	24	All Black Bass	17	17	0	0	100.0	17.0	0.71	0.10
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	17	17	0	0	100.0	17.0	0.71	0.10
Susquehanna River N Br	Border with Pittston Exeter	Wapwallopen Creek	3	55	All Black Bass	64	63	0	1	98.4	21.3	1.49	0.19
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	

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Water	Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Susquehanna River N Br	Border with Pittston Exeter	Wapwallopen Creek	3	55	Smallmouth Bass	64	63	0	1	98.4	21.3	1.49	0.19
Susquehanna River N Br	Wapwallopen Creek	Mouth	13	242	All Black Bass	170	163	0	7	95.9	13.1	0.68	0.17
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00
					Smallmouth Bass	170	163	0	7	95.9	13.1	0.68	0.17
Susquehanna River N Br	Wapwallopen Creek	Fishing Creek	2	58	All Black Bass	55	55	0	0	100.0	27.5	0.83	0.12
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00
					Smallmouth Bass	55	55	0	0	100.0	27.5	0.83	0.12
Lake Augusta (Susquehanna R)			25	980	All Black Bass	804	803	0	1	99.9	32.2	0.85	0.13
					Largemouth Bass	8	8	0	0	100.0	0.3	0.01	0.00
					Smallmouth Bass	796	795	0	1	99.9	31.8	0.84	0.13
Susquehanna River	PPL Dam	Juniata River	2	28	All Black Bass	72	72	0	0	100.0	36.0	2.57	0.33
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00

Table 1. Number of fishing days and fishing participants, by water, where black bass were targeted or captured at a permitted fishing event in Pennsylvania. For each water, the number of black bass caught, harvested, and released, by release condition, is listed. The percent released alive and various catch rate statistics are also listed. Data is derived from event sponsors required to report event statistics to the Pennsylvania Fish and Boat Commission as a condition of sponsorship in 2004. (Multiple page table)

Water Location													
Water	Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Susquehanna River	PPL Dam	Juniata River	2	28	Smallmouth Bass	72	72	0	0	100.0	36.0	2.57	0.33
Susquehanna River	PPL Dam	Swatara Creek	6	664	All Black Bass	262	262	0	0	100.0	43.7	0.36	0.04
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	262	262	0	0	100.0	43.7	0.36	0.04
Susquehanna River	PPL Dam	York Haven Dam	2	116	All Black Bass	142	141	1	0	99.3	71.0	1.23	0.15
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	142	141	1	0	99.3	71.0	1.23	0.15
Susquehanna River	Juniata R	Swatara Creek	8	239	All Black Bass	185	184	0	1	99.5	23.1	1.51	0.19
					Largemouth Bass	14	14	0	0	100.0	1.8	0.04	0.00
					Smallmouth Bass	171	170	0	1	99.4	21.4	1.47	0.19
Susquehanna River	Juniata R	York Haven Dam	18	388	All Black Bass	428	427	1	0	99.8	23.8	1.46	0.18
					Largemouth Bass	36	36	0	0	100.0	2.0	0.12	0.02

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Water Location													
Water	Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Susquehanna River	Juniata R	York Haven Dam	18	388	Smallmouth Bass	392	391	1	0	99.7	21.8	1.35	0.17
Susquehanna River	Swatara Creek	York Haven Dam	17	340	All Black Bass	258	258	0	0	100.0	15.2	1.02	0.15
					Largemouth Bass	56	56	0	0	100.0	3.3	0.22	0.04
					Smallmouth Bass	202	202	0	0	100.0	11.9	0.80	0.12
Susquehanna River	RT 462	Safe Harbor Dam	23	685	All Black Bass	171	168	0	3	98.2	7.4	0.44	0.07
					Largemouth Bass	56	56	0	0	100.0	2.4	0.13	0.02
					Smallmouth Bass	115	112	0	3	97.4	5.0	0.31	0.05
Susquehanna River	Safe Harbor Dam	Holtwood Dam	2	22	All Black Bass	11	11	0	0	100.0	5.5	0.92	0.11
					Largemouth Bass	1	1	0	0	100.0	0.5	0.08	0.01
					Smallmouth Bass	10	10	0	0	100.0	5.0	0.83	0.10
Susquehanna River	Holtwood Dam	PA-MD State Line	19	461	All Black Bass	774	764	1	9	98.7	40.7	1.98	0.25
					Largemouth Bass	445	438	0	7	98.4	23.4	1.18	0.15

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Water Location													
Water	Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Susquehanna River and Juniata Rivers	Holtwood Dam	PA-MD State Line	19	461	Smallmouth Bass	329	326	1	2	99.1	17.3	0.80	0.10
			1	34	All Black Bass	9	9	0	0	100.0	9.0	0.26	0.03
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00
					Smallmouth Bass	9	9	0	0	100.0	9.0	0.26	0.03
Susquehanna River W Br	Bald Eagle Creek	Loyalsock Creek	22	624	All Black Bass	406	404	0	2	99.5	18.5	0.69	0.14
					Largemouth Bass	14	14	0	0	100.0	0.6	0.03	0.00
					Smallmouth Bass	392	390	0	2	99.5	17.8	0.65	0.13
Susquehanna River W Br	Bald Eagle Creek	Mouth	13	351	All Black Bass	241	241	0	0	100.0	18.5	0.63	0.14
					Largemouth Bass	15	15	0	0	100.0	1.2	0.02	0.00
					Smallmouth Bass	226	226	0	0	100.0	17.4	0.61	0.13
Susquehanna River W Br	Loyalsock Creek	Mouth	1	10	All Black Bass	8	8	0	0	100.0	8.0	0.80	0.10
					Largemouth Bass	0	0	0	0		0.0	0.00	0.00

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Water Location													
Water	Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Susquehanna River W Br	Loyalsock Creek	Mouth	1	10	Smallmouth Bass	8	8	0	0	100.0	8.0	0.80	0.10
Tamarack Lake			1	12	All Black Bass	39	39	0	0	100.0	39.0	3.25	0.41
					Largemouth Bass	39	39	0	0	100.0	39.0	3.25	0.41
					Smallmouth Bass	0	0	0	0	0.0	0.00	0.00	
Tioga Lake			2	38	All Black Bass	43	43	0	0	100.0	21.5	1.17	0.15
					Largemouth Bass	22	22	0	0	100.0	11.0	0.61	0.08
					Smallmouth Bass	21	21	0	0	100.0	10.5	0.56	0.07
Tionesta Lake			2	18	All Black Bass	10	10	0	0	100.0	5.0	0.58	0.07
					Largemouth Bass	1	1	0	0	100.0	0.5	0.08	0.01
					Smallmouth Bass	9	9	0	0	100.0	4.5	0.50	0.06
Treasure Lake			1	12	All Black Bass	24	24	0	0	100.0	24.0	2.00	0.40
					Largemouth Bass	24	24	0	0	100.0	24.0	2.00	0.40

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Water Location													
Water	Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Tuscarora Lake			1	10	All Black Bass	2	2	0	0	100.0	2.0	0.20	0.02
					Largemouth Bass	2	2	0	0	100.0	2.0	0.20	0.02
					Smallmouth Bass	0	0	0	0		0.0	0.00	0.00
Two Lick Lake			42	1115	All Black Bass	274	274	0	0	100.0	6.5	0.27	0.07
					Largemouth Bass	181	181	0	0	100.0	4.3	0.17	0.05
					Smallmouth Bass	93	93	0	0	100.0	2.2	0.09	0.03
Promised Land Lake Upper			3	29	All Black Bass	84	81	0	3	96.4	28.0	2.88	0.33
					Largemouth Bass	84	81	0	3	96.4	28.0	2.88	0.33
					Smallmouth Bass	0	0	0	0		0.0	0.00	0.00
White Oak Pond			10	265	All Black Bass	582	574	1	7	98.6	58.2	2.25	0.33
					Largemouth Bass	582	574	1	7	98.6	58.2	2.25	0.33
Woodcock Ck Lake			2	35	All Black Bass	73	71	1	1	97.3	36.5	2.15	0.27

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Water Location			Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Water	Upper River limit	Lower River Limit											
Woodcock Ck Lake			2	35	Largemouth Bass	4	4	0	0	100.0	2.0	0.11	0.01
					Smallmouth Bass	69	67	1	1	97.1	34.5	2.04	0.26
Yellow Ck Lake			11	298	All Black Bass	120	120	0	0	100.0	10.9	0.52	0.10
					Largemouth Bass	105	105	0	0	100.0	9.5	0.45	0.09
					Smallmouth Bass	15	15	0	0	100.0	1.4	0.07	0.01
Youghiogheny River	Connellsville Dam	Mouth	1	18	All Black Bass	9	9	0	0	100.0	9.0	0.50	0.06
					Largemouth Bass	0	0	0	0	0.0	0.00	0.00	
					Smallmouth Bass	9	9	0	0	100.0	9.0	0.50	0.06
Youghiogheny R Lake			10	195	All Black Bass	213	211	0	2	99.1	21.3	1.30	0.16
					Largemouth Bass	67	67	0	0	100.0	6.7	0.35	0.04
					Smallmouth Bass	146	144	0	2	98.6	14.6	0.95	0.12
All Waters					All Black Bass	33676	32938	131	607	97.8	28.9	1.15	0.17

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Water Location		Upper River limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean	Mean	Catch per hour
Water	Per Event											Catch Per Angler		
All Waters	Largemouth Bass						21732	21310	69	353	98.1	18.7	0.76	0.11
	Smallmouth Bass						11921	11605	62	254	97.3	11.1	0.42	0.06
	Spotted Bass						23	23	0	0	100.0	1.0	0.01	0.00

Table 2. Number of fishing days and fishing participants, by water, where a fish species was targeted or captured at a permitted fishing event in Pennsylvania. For each water, the number of fish caught, harvested, and released, by release condition, is listed. The percent released alive and various catch rate statistics are also listed. Data is derived from event sponsors required to report event statistics to the Pennsylvania Fish and Boat Commission as a condition of sponsorship in 2004. (Multiple page table)

Water Location			Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Water	Upper River Limit	Lower River Limit											
Allegheny Reservoir			13	779	Muskellunge	0	0	0	0		0.0	0.00	0.00
					Northern Pike	34	0	0	34	0	17.0	0.35	0.02
					Walleye	859	649	3	207	76	71.6	0.67	0.07
					Yellow Perch	29	0	0	29	0	14.5	0.30	0.02
Allegheny, Monongahela and Ohio Rivers			1	32	Sauger	4	4	0	0	100	4.0	0.13	0.02
					Walleye	2	2	0	0	100	2.0	0.06	0.01
Allegheny River	Lock and Dam 7	Lock and Dam 6	2	242	Bowfin	3	3	0	0	100	1.5	0.01	0.00
					Common Carp	34	32	2	0	94	17.0	0.07	0.01
					Catfish Species	51	51	0	0	100	25.5	0.11	0.01
					Freshwater Drum	67	65	1	1	97	33.5	0.14	0.02
					Gizzard Shad	7	6	1	0	86	3.5	0.01	0.00
					Northern Pike	1	1	0	0	100	0.5	0.00	0.00
					Sauger	4	4	0	0	100	2.0	0.01	0.00
					Saugeye	1	1	0	0	100	0.5	0.00	0.00
					Suckers	68	66	1	1	97	34.0	0.14	0.02
					White Bass	1	1	0	0	100	0.5	0.00	0.00
					Crappie Species	2	2	0	0	100	1.0	0.00	0.00

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Water Location													
Water	Upper River Limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Allegheny River	Lock and Dam 7	Lock and Dam 6	2	242	Walleye	4	4	0	0	100	2.0	0.01	0.00
					Yellow Perch	4	4	0	0	100	2.0	0.01	0.00
Allegheny River	Lock and Dam 5	Point at Pittsburgh	2	118	Common Carp	9	8	0	1	89	4.5	0.04	0.00
					Catfish Species	9	9	0	0	100	4.5	0.04	0.00
					Freshwater Drum	3	2	0	1	67	1.5	0.01	0.00
					Muskellunge	2	2	0	0	100	1.0	0.01	0.00
					Walleye	4	1	0	3	25	2.0	0.02	0.00
Allegheny River	Lock and Dam 4	Point at Pittsburgh	1	50	Common Carp	2	2	0	0	100	2.0	0.04	0.00
					Catfish Species	2	2	0	0	100	2.0	0.04	0.00
					Muskellunge	0	0	0	0	0.0	0.00	0.00	
					Walleye	0	0	0	0	0.0	0.00	0.00	
Allegheny River	Kinzua Dam	French Creek	2	533	Muskellunge	5	5	0	0	100	2.5	0.08	0.01
					Northern Pike	17	17	0	0	100	8.5	0.24	0.03
					Trout	9	9	0	0	100	4.5	0.12	0.01
					Walleye	15	12	3	0	80	7.5	0.09	0.01
Allegheny River	Conewango Creek	Tionesta Creek	1	28	Walleye	36	36	0	0	100	36.0	1.29	0.14
Canadohta Lake			2	184	Northern Pike	2	0	0	2	0	1.0	0.01	0.00

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Water Location			Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Water	Upper River Limit	Lower River Limit											
Canadohta Lake			2	184	Walleye	5	0	0	5	0	2.5	0.01	0.00
Canoe Lake Conneaut Lake			1	88	Panfish	1245	0	0	1245	0	1245.0	14.15	4.72
			4	192	Bluegill	56	25	5	26	45	28.0	0.34	0.04
					Muskellunge	4	4	0	0	100	1.0	0.01	0.00
					Northern Pike	11	5	3	3	45	5.5	0.06	0.01
					White Bass	16	5	0	11	31	8.0	0.10	0.01
					Crappie Species	20	1	1	18	5	10.0	0.12	0.02
					Walleye	0	0	0	0		0.0	0.00	0.00
					Yellow Perch	14	9	1	4	64	7.0	0.08	0.01
Delaware Estuary F J Sayers Lake	Trenton Falls	PA-DE State Line	5	202	Catfish Species	125	124	0	1	99	25.0	0.66	0.10
			2	99	Common Carp	497	495	0	2	100	248.5	10.27	0.86
					Catfish Species	4	4	0	0	100	4.0	0.05	0.01
					Crappie Species	6	0	0	6	0	6.0	0.08	0.02
					Yellow Perch	1	0	0	1	0	1.0	0.01	0.00
Glendale Lake			2	72	Northern Pike	6	6	0	0	100	6.0	0.14	0.05
					Walleye	1	1	0	0	100	1.0	0.04	0.01
Gouldsboro Lake			2	198	Chain Pickerel	17	3	0	14	18	8.5	0.11	0.02
					Panfish	121	0	0	121	0	121.0	0.69	0.11
Harveys Lake			1	20	Chain Pickerel	48	46	0	2	96	48.0	2.40	0.32

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Water Location													
Water	Upper River Limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Juniata River	Raystown Br Jun R	Tuscarora Creek	4	531	Common Carp	32	32	0	0	100	8.0	0.03	0.00
					Catfish	36	36	0	0	100	9.0	0.04	0.00
					Muskellunge	3	3	0	0	100	0.8	0.00	0.00
					Rock Bass	7	5	0	2	71	3.5	0.01	0.00
					Walleye	27	26	0	1	96	6.8	0.03	0.00
Juniata River	Raystown Br Jun R	Kishacoquillas Creek	2	170	Common Carp	2	2	0	0	100	2.0	0.01	0.00
					Catfish	9	4	0	5	44	4.5	0.03	0.00
					Chain Pickerel	12	6	0	6	50	6.0	0.04	0.00
					Muskellunge	8	6	0	2	75	4.0	0.02	0.00
					Rock Bass	5	4	0	1	80	2.5	0.01	0.00
					Trout	1	1	0	0	100	1.0	0.01	0.00
					Walleye	10	7	0	3	70	5.0	0.03	0.00
Juniata River	Kishacoquillas Creek	Buffalo Creek	2	126	Common Carp	7	7	0	0	100	3.5	0.03	0.00
					Catfish	15	15	0	0	100	7.5	0.06	0.00
					Muskellunge	0	0	0	0		0.0	0.00	0.00
					Walleye	3	1	0	2	33	1.5	0.01	0.00
Keystone Lake (Armstrong County)			1	9	Muskellunge	0	0	0	0	0.0	0.00	0.00	
Lake Arthur			5	196	Bluegill	75	75	0	0	100	37.5	0.75	0.10
					Muskellunge	6	6	0	0	100	3.0	0.07	0.01

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Water Location													
Water	Upper River Limit	Lower River Limit	Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Lake Arthur			5	196	Crappie	119	119	0	0	100	119.0	1.14	0.14
Lake Carey			2	40	Chain Pickerel	3	3	0	0	100	3.0	0.19	0.02
					Walleye	0	0	0	0		0.0	0.00	0.00
					Rainbow Trout -								
Lake Erie			2	22	Steelhead	1	0	0	1	0	1.0	0.05	0.01
					Walleye	9	0	0	9	0	4.5	0.20	0.03
					Yellow Perch	220	0	0	220	0	110.0	5.00	0.68
					Chain Pickerel	56	55	1	0	98	4.7	0.13	0.04
Lake Henry			13	485	Crappie	141	74	0	67	52	141.0	8.81	1.26
					Species								
					White X Striped								
Lake Heritage			2	146	Bass	6	6	0	0	100	6.0	0.27	0.07
					Walleye	5	5	0	0	100	5.0	0.23	0.06
					White Perch	2960	0	0	2960	0	2960.0	23.87	2.39
Lake Wallenpaupack			7	199	Catfish	10	10	0	0	100	2.0	0.06	0.01
					Species								
					Striped Bass	13	10	0	3	77	1.9	0.05	0.01
					Walleye	63	62	0	1	98	12.6	0.35	0.05
Lake Wilhelm			1	34	Muskellunge	6	6	0	0	100	6.0	0.18	0.02
Lake Winola			1	54	Bluegill	2	2	0	0	100	2.0	0.04	0.01
					Rock Bass	13	13	0	0	100	13.0	0.24	0.04

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Water Location			Number Event days	Angler Participants	Species	Sum of Catch	Sum of Released Alive	Sum of Released Stressed	Sum of Harvested	Percent Released Alive	Mean Catch Per Event	Mean Catch Per Angler	Catch per hour
Water	Upper River Limit	Lower River Limit											
Marsh Creek Lake			1	36	Panfish	5	3	0	2	60	5.0	0.14	0.02
					Crappie	1	1	0	0	100	1.0	0.03	0.00
					Yellow Perch	4	2	0	2	50	4.0	0.11	0.02
Monongahela River	Lock and Dam 2	Point at Pittsburgh	1	28	Walleye	41	41	0	0	100	41.0	1.46	0.18
Presque Isle Bay			1	40	Freshwater								
					Drum	2	2	0	0	100	2.0	0.05	0.01
					Panfish	2	2	0	0	100	2.0	0.05	0.01
Prompton Rs			1	335	Walleye	3	3	0	0	100	3.0	0.08	0.01
					Catfish	3	0	0	3	0	3.0	0.01	0.00
					Species	3	0	0	3	0	3.0	0.01	0.00
					Chain Pickerel	22	0	0	22	0	22.0	0.07	0.01
					Panfish	78	0	0	78	0	78.0	0.23	0.03
Pymatuning Lake			8	398	Suckers	1	0	0	1	0	1.0	0.00	0.00
					Walleye	2	0	0	2	0	2.0	0.01	0.00
					Bluegill	15	15	0	0	100	15.0	0.54	0.06
					Common Carp	2	2	0	0	100	2.0	0.05	0.00
					Catfish								
Species	9	9	0	0	100	4.5	0.14	0.02					
Muskellunge	9	9	0	0	100	3.0	0.10	0.01					
Panfish	3	0	0	3	0	3.0	0.07	0.01					
Crappie													
Species	30	21	0	9	70	15.0	0.48	0.05					
Walleye	151	101	0	50	67	30.2	0.61	0.07					

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Water	Upper River Limit	Lower River Limit											
Pymatuning Lake			8	398	Yellow Perch	21	21	0	0	100	21.0	0.75	0.08
Raystown Lake			18	548	Striped Bass	194	1	0	193	1	10.8	0.23	0.02
Roamingwood Lake			2	38	Catfish Species	4	4	0	0	100	4.0	0.25	0.05
					Chain Pickerel	1	1	0	0	100	1.0	0.05	0.02
					Panfish	8	8	0	0	100	8.0	0.36	0.12
					Rock Bass	35	35	0	0	100	35.0	1.59	0.53
Schuylkill River	Black Rock Dam	Perkiomen Creek	1	12	Catfish Species	6	6	0	0	100	6.0	0.50	0.04
Schuylkill River	Perkiomen Creek	Mouth	1	75	Catfish Species	3	3	0	0	100	3.0	0.04	0.00
Schuylkill River	T-837 Landingville	Auburn Dam	1	10	Chain Pickerel	10	10	0	0	100	10.0	1.00	0.17
					Panfish	10	10	0	0	100	10.0	1.00	0.17
					Suckers Crappie Species	1	1	0	0	100	1.0	0.10	0.02
					Walleye Yellow Perch	10	10	0	0	100	10.0	1.00	0.17
Schuylkill River	Hay Creek	Fairmount Dam	8	219	Catfish Species	79	79	0	0	100	9.9	0.31	0.03
Shenango Lake			1	24	Crappie Species	143	0	0	143	0	143.0	5.96	1.19

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Water	Upper River Limit	Lower River Limit											
Susquehanna and Juniata Rivers			1	21	Catfish Species	16	15	0	1	94	16.0	0.76	0.10
Susquehanna River N Br	Lackawanna River	Border W Pittston Exeter	1	32	Rock Bass	4	0	0	4	0	4.0	0.13	0.01
					Walleye	8	0	0	8	0	8.0	0.25	0.03
Susquehanna River	York Haven Dam	Pa Rt 462	1	10	Common Carp	16	15	0	1	94	16.0	1.60	0.25
					Catfish Species	16	16	0	0	100	16.0	1.60	0.25
Susquehanna River	Rt 462	Safe Harbor Dam	2	180	Common Carp	2	2	0	0	100	2.0	0.03	0.01
					Catfish Species	52	24	0	28	46	26.0	0.31	0.06
					Walleye	3	0	0	3	0	1.5	0.02	0.00
Susquehanna River W Br	Bald Eagle Creek	Loyalsock Creek	1	60	Common Carp	120	120	0	0	100	120.0	2.00	0.17
Youghiogheny R Lake			5	417	Common Carp	1	1	0	0	100	1.0	0.02	0.01
					Panfish	2	2	0	0	100	2.0	0.05	0.01
					Walleye	263	259	0	4	98	52.6	0.57	0.07
					Yellow Perch	4	4	0	0	100	4.0	0.09	0.02
All Waters			138	7332	Bluegill	148	117	5	26	79	24.7	0.46	0.06
					Bowfin	3	3	0	0	100	1.5	0.01	0.00
					Catfish Species	449	411	0	38	92	10.7	0.26	0.03

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Water	Upper River Limit											
All Waters		138	7332	Chain Pickerel	169	124	1	44	73	8.0	0.26	0.05
				Common Carp Crappie Species	724	718	2	4	99	38.1	1.30	0.12
				Freshwater Drum	72	69	1	2	96	14.4	0.07	0.01
				Gizzard Shad	7	6	1	0	86	3.5	0.01	0.00
				Muskellunge Northern Pike	43	41	0	2	95	1.7	0.04	0.00
				Panfish Rainbow Trout - Steelhead	71	29	3	39	41	6.5	0.13	0.01
				Rock Bass Sauger	1474	25	0	1449	2	163.8	1.86	0.58
				Saugeye Striped Bass	1	0	0	1	0	1.0	0.05	0.01
				Suckers Trout	64	57	0	7	89	9.1	0.29	0.08
				Walleye	8	8	0	0	100	2.7	0.05	0.01
				White Bass White Perch	1	1	0	0	100	0.5	0.00	0.00
				White X Striped Bass	207	11	0	196	5	8.3	0.18	0.01
				Yellow Perch	70	67	1	2	96	17.5	0.10	0.01
					10	10	0	0	100	3.3	0.08	0.01
					1515	1211	6	298	80	25.3	0.33	0.04
					17	6	0	11	35	4.3	0.05	0.01
					2960	0	0	2960	0	2960.0	23.87	2.39
					6	6	0	0	100	6.0	0.27	0.07
					307	50	1	256	16	23.6	0.98	0.13

Table 3. Annual tournament days, participant days, catch, live release percentage, and black bass catch per angler hour derived from angler submitted reports to the Pennsylvania Fish and Boat Commission.

Year	Tournament Days	Participant Days	Catch			Released Alive	Angler Catch per Hour
			Smallmouth Bass	Largemouth Bass	All Black Bass		
1997	647	21479	7883	11574	19521	95.0	0.13
1998	749	24401	10923	12462	24023	95.6	0.15
1999	855	27480	13464	13657	27569	97.6	0.17
2000	1166	36239	17946	22386	40998	96.3	0.17
2001	1238	38759	16726	18757	35655	97.9	0.16
2002	1222	40492	19348	20049	39397	98.1	0.18
2003	1173	36561	16453	21750	38203	97.5	0.18
2004	1166	36947	11921	21732	33676	97.8	0.17