



2017 Midwest Peregrine Season Narrative



Midwestperegrine.umn.edu

Photo on Cover by Stephanie Ware, b/g W/72 Mouse.

2017 was an 'off' year for the Illinois peregrines where productivity was at its lowest in over 20 years. So many factors contributed to that including territorial fights, weather, construction activity near nest sites and age of adults. Certainly the latter three contributed to no young for b/g W/72 Mouse, a 2008 hatch from the Broadway site in Illinois, and the male at Chicago's UIC site. His mate b/g 2*Y Nitz, a 2001 hatch from Milwaukee, Wisconsin, was already 16 years old, an advanced age for a Midwest breeding peregrine. Though three eggs were laid by the pair, all failed to hatch perhaps in part to female age and/or the continual construction on the natal building which resulted in vibrations to the nest ledge. On the positive side, the number of occupied peregrine territories in Illinois continued its uphill climb which gave hope for a better breeding season in the following years. – Mary Hennen, Project Director, Chicago Peregrine Program

MIDWEST PEREGRINE FALCON RESTORATION, 2017 REPORT

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This report is a compilation of data and information provided by peregrine observers and field personnel in the Upper Midwest and Canadian Provinces of Manitoba and Ontario. A peregrine website and database for the Midwest is open at the University of Minnesota <<http://midwestperegrine.umn.edu>>. In cases where reports were not submitted, data was drawn from the database directly and incorporated into the narrative. The purpose of this website is to provide a publicly accessible record of peregrine in this region. Data may be entered only by those who have the appropriate passwords and it goes through a two-step review processing before being permanently added to the database. No password is required to search the database and the public is able and encouraged to download information into an Excel spreadsheet for conducting analytical work or simply use it to look up the status of an individual bird. Please acknowledge the Midwest Peregrine Society for any public use of information in this database and let us (Redig, Castrale, Burnette) know also. There is a section of the database where detailed reports submitted by state and area coordinators are posted *in toto* as received. In these are contained more detailed information than what is summarized in this report along with many excellent photographs taken at the various sites.

Background

All peregrines banded in the U.S. Midwest (ND, MN, WI, MI, SD, NE, IA, IL, IN, OH, KS, MO, KY) in 2016 and in previous years wear a bicolored project band, black over green(b/g), black over red (b/r), or black over blue (b/b) on the left leg. Wild-produced birds have silver USFWS band on the right leg. In Canada (SE MB, NW ON), hatched birds receive a red band and wild-produced birds get a black band, in addition to a silver USFWS band. No peregrines have been released in this region for several years except for a project in the western Dakotas.

Many of the bi-color bands have the upper or lower character (or both) tipped to the left on its side; these we show by using a star (*) to indicate the tipped-over letter or number, for example, *2/E or H/*4. It is essential to include the star because all combinations are in use (H/4, *H/4, H/*4, *H/*4 for example). To avoid confusion, numerals take precedence over letters; that is, numerals 1 and 0 are used on the project color bands, letters I and O are not used.

Names of buildings in the peregrine database haven proven problematic as they

often change when building ownership changes. We attempt to stay abreast of these changes by providing a continuous string of previously used name current in the database. However, working remotely, it is sometimes not always possible to decipher what is the current and previous situation. State coordinators are encouraged to review the sites with which they work and ensure that the appropriate names are being applied. Regarding names of birds, they cannot be changed; the original names are entered in the database in too many places - once named and entered, the name sticks.

Definitions of terms used in assigning nesting activity and counting productivity:

SP = eyases in nest up to point of banding age, (except Ontario where any observed eyasses at any stage are counted as SP) regardless of what may happen later.

LE = known to have at least laid eggs and possibly raised young that perished prior to banding age.

NB = a pair or a persistent individual seen on multiple occasions at a given site during the breeding season

F = number known to have left the eyrie (fledged)

P = number known to have survived out to at least 6 weeks post-fledge (produced); it is possible to have 0F and 0P, but still be SP

Overview

In the Midwestern United States, southeastern Manitoba, and the Lake Superior basin of Ontario, Peregrine Falcon (*Falco peregrinus*) egg-laying began in March in the southern Midwest and progressively later to the north. Banding typically occurs in May & June on a southern to northern progression. Not including Canadian sites, known territorial pairs were reported at 216; a total of 460 young were known to have hatched, 377 were banded, 466 fledged and 485 survived beyond the period of observations. Table 1 is a nesting summary by state and two Canadian provinces with separate and combined totals. Note use of the variable of “number produced” in addition to number fledged to take into account post-fledging adjustments – e.g. mortality events out to approximately 6 weeks, the outer limit for age-to-independence or discovery of post-fledged birds from previously unknown sites.

For productivity, we include all pairs that successfully hatch young (SP), laid eggs but failed to hatch the clutch or raise it up to banding age (LE), or attempted as a pair or a persistent single bird at a site to establish a territory (NB). Looking at the entire region, of 262 sites under observation (Occupied territories), 173 pairs were successful (SP) in producing 477 young; 2.76 young per successful pair (SP), 2.18 per nesting pair (SP,LE), & 1.8 per territorial pair (SP,LE,NB) (Table 2). Of the 262 active sites (SP,LE,NB), 119 (45%) were on buildings, 28 (11%) were on smokestacks, 22 (8 %) on bridges, and 91 (32%) on cliffs; it is clear that peregrines are heavily reliant on human-provided structures. There were 10 newly reported sites in 2017. With some sites not visited or

unreported, these are minimum numbers. Annual productivity as measured by number of young per successful pair has remained constant over the years.

Table 1. Productivity by State/Province for 2017

State/Province	Hatched	Banded	Fledged	Produced
North Dakota	3	3	3	3
Minnesota	132	111	135	132
Wisconsin	119	95	104	104
Iowa	10	5	7	7
Michigan	47	38	47	47
Nebraska	4	4	4	4
Illinois	28	23	31	30
Ohio	0	0	19	19
Kansas	0	2	2	2
Kentucky	43	29	40	39
Indiana	43	40	42	39
Missouri	31	27	31	31
Ontario	12	11	20	20
Manitoba	0	0	0	0
Total for U.S. Sites	460	377	466	458
Totals for U.S. & Canada	472	388	485	477

Table 2. Peregrine Falcon Productivity in 2017

	# Produced/SP	#Produced/Attempt (SP,LE)	#Produced/Occupied Territory (SP, LE, NB)
Entire Region	2.76	2.18	1.8
US (not including Canada)	2.9	2.32	2.1

2017 POPULATION STATUS

173 known successful pairs produced 477 young (SP in list below), of which 388 were banded. Remaining young were not banded owing to problems with access, timing, or resources. These numbers are smaller compared to previous years, owing to decreased effort in monitoring, therefore year-over-year comparisons of numbers are becoming increasingly non-representative of the total picture.

46 pairs laid eggs but failed to fledge young (LE) (28 in 2016)

43 pairs, non-breeding (NB) (47 in 2016)

262 territorial pairs (SP, LE, NB) (291 in 2016)

NORTH DAKOTA

Information taken from Midwestern Peregrine Society database.

SP-UND Water Tower, University of North Dakota, Grand Forks, Grand Forks County, North Dakota. Two males and one female banded on June 12, 2017.

First year nesting attempted: 2010 Total young produced: 24

MINNESOTA

Nest Sites: North Shore and Northern Minnesota

Amy Ries (Raptor Resource Project) and Jackie Fallon collected and submitted the information for this report. Crookston and Moorhead sites were banded by Tim Driscoll – information drawn from database.

SP-1220 So. Main St. Crookston, Polk County Minnesota. (NEW SITE for 2017). One young banded on June 12, 2017.

First year nesting attempted: 2017 Total young produced: 1

SP-2101 26th St. So. Moorhead, Polk County, Minnesota. Two young banded on June 9, 2017.

SP-Sappi Paper Mill, Cloquet, St. Louis County, Minnesota. New female unbanded, adult male is bla 74/V McCoy. One male and one female banded; both young known to fledge.

First year nesting attempted: 2010 (?) Total young produced: 26

SP-NorthShore Mining/Cleveland Cliffs Mining, Silver Bay, Lake County, Minnesota. Bla/blu 71/H Fuzzy, trapped and banded as an adult replaced b/r A/97 Nikia who nested here 2015 & 2016, as the breeding female; she was paired with an unknown, unbanded adult male. Four young, three males and one female, were banded.

First year nesting attempted: 1999 Total young produced: 50

SP-Hat Point, Grand Portage Reservation, Grand Portage, Cook County, Minnesota. Occupancy was confirmed in late June 2017. An adult pair of birds was observed with three nestlings in the eyrie

First year nesting attempted: 1996 Total young produced: 27

SP-Butterwort Cliffs-SNA, Cascade River State Park, Grand Marais, Cook County, Minnesota. Once again, an adult pair of unbanded peregrines were on territory in early March. By early April, eggs were being laid and the pair actively defending the territory. One female and three male chicks banded in 2017. All four fledged successfully and were observed on territory in mid-July.

First year nesting attempted: 2008 Total young produced: 20

SP- SP-Raven Cliff, Cook County, Minnesota. For the fourth year, six-year-old male b/r *C/*R, a 2010 hatch from North Shore Mining in Silver Bay, MN, was paired with eleven-year-old female b/g *K/*V Lisa, a 2006 hatch from North Shore Mining in Silver Bay, MN. Three females were banded on June 7, 2017.

First year nesting attempted: 2011 Total young produced: 24

SP-Palisade Head Cliff, Tettegouche State Park, Lake County, Minnesota. This year's eyrie was located in early April at the most eastern ledge used in previous years. Once again, the pair was an unbanded adult female, and b/g H/78 Yukon Jack, a 2009 hatch from Manitou Cliff near Little Marais, MN. The pair laid two eggs, both of which hatched. One female and one male were banded June 7, 2017.

First year nesting attempted: 1988 Total young produced: 72

SP-Pink Cove, Beaver Bay, Lake County, Minnesota. An unbanded adult female was paired with two-year-old male b/r 57/C, 2015 fledge from Passage Island Cliffs, Isle Royal National Park, MI. Three chicks hatched, and were observed being cared for by both adults. However, within 10 days, only two chicks remained in the eyrie. The two males were banded.

First year nesting attempted: 1996 Total young produced: 29

SP-Oberg Mountain, Superior National Forest, Cook County, Minnesota. As in previous years, the field staff had limited opportunity to closely monitor this site. An adult pair were reported to be on territory and vocal towards hikers in the area. During a

site visit in mid-July, three immature peregrines were observed to be sitting or chasing an adult peregrine that had captured a blue jay.

First year nesting attempted: 2014 Total young produced: 9

SP-Ulland Brothers Quarry, Duluth, St. Louis County, Minnesota. In mid July, four immature peregrines were found to be chasing the adults or sitting in the area tree tops.

First year territory occupied: 2014 Total young produced: 11

SP-Brainerd 210 Bridge, Brainerd, Crow Wing County, Minnesota. The pair fledged three young falcons, which were not banded.

First year nesting attempted: 2015 Total young produced: 13

SP-Minnesota Power and Light Boswell Energy Center, Cohasset, Itasca County, Minnesota. Two eyasses were produced this year, one each sex, and were banded on July 5, 2017.

First year nesting attempted: 1993 Total young produced: 74

SP-Brainerd Highway 371 Bridge, Brainerd, Crow Wing County, Minnesota. Four chicks were observed on the outer span of the bridge and flying in the area, harassing the adult pair.

First year nesting attempted: 2015 Total young produced: 13

SP-Duluth Ore Docks, Duluth, St Louis County, Minnesota. Two chicks produced but not banded due to lack of access.

First year territory occupied: 2015 Total young produced: 5

SP-Cat's Cradle, Lake County, Minnesota. Dr. Pat Redig and his wife Ann notified us of this site in 2012. One chick banded on June 21, 2017.

First year nesting attempted: 2012 Total young produced: 7+

SP-Corundumn Point, Split Rock Lighthouse State Park, Lake County, Minnesota. Following a re-nesting, two males were banded on July 9, 2017.

First year nesting attempted: 1997

Total young produced: 38

SP-Split Rock Lighthouse Cliff, Lake County Minnesota. (NEW SITE for 2017). (Not to be confused with Split Rock Corundum Point or Split Rock Gold Hoist). Adult female unbanded, adult male banded, but not clearly identified (b/g K/?). Four young banded on June 15, 2017.

First year nesting attempted: 2017

Total young produced: 6

SP-Castle Cliff, Castle Danger, Lake County, Minnesota. Three males were banded on July 3, 2017.

First year nesting attempted: 2001

Total young produced: 41

SP-Minnesota Power and Light, Hibbard, Hibbard Plant, Duluth, Minnesota. Three young were banded on June 15, 2017.

First year nesting attempted: 2009

Total young produced: 23

SP-Agate Bay Ore Docks, Two Harbors, Lake County, Minnesota. Observations at the site were minimal this season, although reports by CN employees report that an adult pair of birds were on territory at the docks and produced at least two young.

First year site occupied: 2006

Total young produced: 2

SP-Shovel Point, Tettegouche State Park, Lake County, Minnesota. Two young were banded on July 9, 2017.

First year nesting attempted: 2010

Total young produced: 2

SP-Kennedy Creek, Lake County, Minnesota. One male was banded on June 15, 2017.

First year nesting attempted: 1995

Total young produced: 33

SP-CRH Concrete Plant, Duluth, St. Louis County, Minnesota. (NEW SITE for 2017). A nest box was installed at this site in 2015. An unbanded adult female peregrine was paired at the site with adult male b/blu 89A Old Globe, banded in 2012 from Blatnik

Bridge in Duluth, MN. Three chicks, two females and one male, were banded on June 20, 2017; one was later found dead below the plant (b/blu 17/X).

First year nesting attempted: 2017

Total young produced: 2

LE- Birch Bay, Lake County, Minnesota. An adult male banded b/g ?/P? was paired once with an unbanded adult female. The pair appeared to be incubating an unknown number of eggs in early May, although by early June, the pair appeared to have failed.

LE-Gull Island/Taconite Harbor, Cook County, Minnesota. The adults appeared to be incubating eggs in late April, but by the end of May, it appeared that they had failed or chicks did not hatch.

First year nesting attempted: 2005

Total young produced: 4

LE-Finn Church Cliff, two miles northeast of Tofte, Cook County, Minnesota. The pair were observed to be incubating eggs in April and appeared to be feeding very young chicks in late May. However, a visit to the site the following week resulted in no adults found on territory and the eyrie empty, with just a few shell fragments found.

First year nesting attempted: 1993

Total young produced: 23

LE-Manitou Bay Cliff, northeast of Little Marais, Lake County, Minnesota. An unbanded adult pair of birds were actively incubating and defending the entire cliff area from either human or avian intruders. However, by late May, it appeared that the pair failed and did not re-clutch.

First year nesting attempted: 1999

Total young produced: 29

LE-Crow Creek Point/Cliff, Lake County, Minnesota. In early April, Dave Evans observed an adult pair of unbanded adults on territory, once again choosing to nest off the point of the property, ~8 feet from the top of the cliff. Eggs were laid starting in mid April but by the end of May, there was no hatch found, and still a solitary egg. The adults remained on territory through August.

LE-Superior Shores/Rocky Point (Ellen's Bluff), Two Harbors, Lake County. Chicks were known to have hatched in late May, the nest bowl was empty at banding time in mid June.

First year nesting attempted: 2006

Total young produced: 17

NB-Crystal Bay, Tettegouche State Park, Lake County, Minnesota. An unbanded adult pair of peregrines were observed on territory from late March through early May. However, by the middle of May, the site appeared to have been abandoned. We suspect that the pair moved to Shovel Point at Tettegouche State Park and nested successfully.

First year nesting attempted: 2012

Total young produced: 3

NB-Devil's Track, Superior Hiking Trail, Lake County, Minnesota. A pair was reported present for part of the season.

First year territory occupied: 2015

Total young produced: 5

Nest Sites: Minneapolis/St Paul Metro Area

SP-Colonnade Building, Hwy. 100 and I-394, Golden Valley, Hennepin County, Minnesota. Two-year-old b/r A/41 Bullet, 2014 fledged from Great Energy plant in Elk River, MN and was paired an unbanded adult, replacing b/g 49/E Loree who was injured in October of 2016 in Oklahoma, and euthanized as a result of severe injuries. A 2003 hatch from Monticello, MN, she had been the female at this site since 2004. Three young, two males and one female were banded on June 5, 2017. This site hosts the largest number of chicks to fledge from a single site in the state, since recovery efforts began in 1982.

First year nesting attempted: 1991

Total young produced: 91

SP-Multifoods Tower (also called City Center and 33 South 6th Street), Minneapolis, Hennepin County, Minnesota. Male b/r 58/P Triumph, 2013 fledged from the Mayo clinic in Rochester, MN and female b/r 22/X Geanie, 2012 hatch from the Mayo Building on the University of Minnesota Minneapolis campus were present for the second year. Three young, two females and one male, were banded on June 2, 2017.

First year nesting attempted: 1987

Total young produced: 80 (plus 21 hacked)

SP-Norwest Financial Center (currently called Wells Fargo), Xerxes and I-494, Bloomington, Hennepin County, Minnesota. For the twentieth year, a pair nested in an open tray on the east side of the building. Once again, a pair of adult falcons were observed to be on territory, but not identified until egg laying in late March. Thirteen-year-old b/g 30/E Speedy, 2003 hatch from the King plant in Bayport, MN and twelve-year-old b/g D/32 MPR2, 2004 hatch from the Multifoods Tower in Minneapolis, MN

were confirmed through photographs and scope observations. Four eggs were laid in late March, and two male chicks hatched in early May. Two males May 24, 2017.

First year nesting attempted: 1997

Total young produced: 62

SP-City Hall, Minneapolis, Hennepin County, Minnesota. For the sixth year, thirteen-year-old b/g 03/N Bor, fledged in 2003 at NSP Monticello Plant in Monticello, MN was paired with nine-year-old b/g M/56 Dot, 2007 hatch from the Xcel Energy Blackdog plant in Eagan, MN. Three eggs laid, hatched and three chicks, two males and a female were banded on May 30, 2017.

First year nesting attempted: 2000

Total young produced: 31

SP-Lock and Dam #1/Ford Parkway Bridge, Minneapolis/St Paul, Hennepin County, Minnesota. For the fourth year, five-year-old b/r 13/U Eve, 2011 fledged from the UND Water Tower, Grand Forks, ND, was paired with the same unbanded adult male who has been on territory since 2013. Eve had sustained a wing injury in fall of 2011, was rehabilitated by TRC, and released near Alexandria, MN by Marian Redig (Dr. Redig's mother) in April of 2012. Four chicks were banded May 25, 2017, three males and one female.

First year nesting attempted: 2000

Total young produced: 51 (combined sites)

SP-North Central Life Tower (currently called Bremer Tower), St. Paul, Ramsey County, Minnesota. A new male on site, two-year-old b/r N/79 Tom, 2015 fledged from Delta Airlines hanger 5/6, Minneapolis International airport, Minneapolis, MN was paired with returning four-year-old female b/r B/05 Arcadia, 2013 fledged from the St. Cloud Correctional Facility, St. Cloud, MN. Three young, two males and one female were banded on 6/12/17.

In 2011, a web camera was installed at the site, made possible by the Non-Game department of Minnesota DNR, and the link was provided by the management company at the Bremer Towers. <http://www.webcams.dnr.state.mn.us/falcon/>

First year nesting attempted: 1988

Total young produced: 73

SP-Milwaukee Railroad Bridge/Hastings Cliff/Highway 61 Bridge, Hastings, Dakota County, Minnesota. Adult female not banded, adult male is banded but not known. Four chicks hatched and four females were banded June 5, 2017.

First year nesting attempted: 2001

Total young produced: 22

SP-NSP Allen S. King Plant, Bayport, Washington County, Minnesota (aka: Xcel Energy King Plant), Oak Park Heights, Washington County, Minnesota. Adults unknown. Two young were banded in 2017.

First year nesting attempted: 1989

Total young produced: 69

SP-Xcel Energy High Bridge Plant, Highway 149, High Bridge St. Paul, MN Ramsey County. Adults are unknown. Four eggs laid, two hatched and one young banded on June 12, 2017. This site had been vacant for 10 years owing to construction on the adjacent power plant and the bridge itself. In 2017 the DOT built a new box as part of the bridge reconstruction and barred access to the old box. Falcons moved in the spring of 2017. One banded and fledged in 2017.

First year nesting attempted: 1999

Total young produced: 38

SP-Highway 610 Bridge, Brooklyn Park, Hennepin County, Minnesota. Adult female is b/blu 30/P Reba, and adult male is b/g H/34 Sawatzke. Four young, three females and one male, banded on June 6, 2017.

First year nesting attempted: 2010

Total young produced: 9

SP-NSP SHERCO Plant, Becker, Sherburne County, Minnesota (aka Xcel Energy Plant Becker) Sherburne County, Minnesota. Adults unknown. Three young banded in 2017.

First year nesting attempted: 1992

Total young produced: 64

SP-3M Langdon Facility, Cottage Grove, Washington County, Minnesota. Adults unknown. Two young banded on June 6, 2017.

First year nesting attempted: 2008

Total young produced: 23

SP-I-94 Highway Bridge, Lakeland, Washington County, Minnesota. An unbanded pair of adult peregrines was observed to be using the center span of the bridge. Access was not possible for banding, and observations in late June showed four chicks at the eyrie, ~ 35 days of age.

First year nesting attempted: 2014 Total young produced: 7

SP-Great River Energy, Elk River, Sherburne County, Minnesota. Adult female is b/r 11/X MaryEllen, 2012 hatch from Winona, MN, and male is b/r 65/M, 2012 hatch from Golden Valley, MN. Two young banded on May 30, 2017.

First year nesting attempted: 2007

Total young produced: 26

SP-St. Cloud Correctional Facility (also known as State Prison/University Bridge) St. Cloud, Stearns County, Minnesota. In 2017 these birds moved to the nearby University Bridge (10th Avenue) after the nest box was removed from the correctional facility site. Four young were observed to have fledged.

First year nesting attempted: 1994

Total young produced: 47

LE-Xcel Energy Riverside Plant, Minneapolis, Hennepin County, Minnesota. The falcons laid eggs, but around the time the eggs should have been hatching, they disappeared from the nest box. We suspect that the eggs may have failed to hatch and were eaten by the incubating female, something we've (RRP) seen before in other places.

First year nesting attempted: 1998

Total young produced: 20

LE-Burlington Northern Santa Fe Railroad Bridge, Prescott, Pierce County, Wisconsin and Hastings, Washington County, Minnesota. Two-year-old male b/r K/77 Rio, 2015 fledge from Hastings, MN was paired with adult female b/r A/49 Freya, 2015 fledge from Bay City Milling in Winona, MN. The pair appeared to lay and incubate eggs on the Minnesota side of the river, but it appears that either the eggs did not hatch or the young were lost shortly after hatching. There have been nesting successes six years on the Minnesota side (21 young total), and five years on the Wisconsin side (16 young total).

First year nesting attempted: 2006

Total young produced at both sites: 37

LE-Highway 169 Bridge, Champlin, Hennepin County, Minnesota. This site was highly contested by four peregrines in 2017. Despite examination of the bridge with a snooper, no evidence of nesting activity was found; however, observers believe birds got at least to the egg-laying stage before things unraveled.

First year nesting attempted: 2016

Total young produced: 1

LE-Delta Airlines Hanger 5, Minneapolis International Airport, Hennepin County, Minnesota. Weather had a significant influence on observations this year, and the

airport was no exception. During an opportunity in early June to gain access to the site, it was discovered that for the second year, eight-year-old male b/g B/82 Sam, 2008 fledger from the US Bank Building in LaCrosse, WI was paired with eleven-year-old female b/g P/94 Jaime, 2006 fledger from Prairie Island Plant in MN. The pair was using the same door track as in 2015, for their eyrie. A visit in early June revealed that the pair had laid eggs but apparently the young died shortly before banding time. The pair remained very defensive during the visit to the eyrie ledge, leading us to believe that they had recently failed. Egg shells were found in the track of the hangar door as well.

First year nesting attempted: 2015

Total young produced: 12

Sites with no activity reported for 2017: Metropoint, St. Louis Park, Hennepin County; Riverview Tower (Terrace), Hennepin County; Flint Hills Refinery, Rosemount, Dakota County; Mendota Bridge, Fort Snelling State Park, Dakota County; Highway 694 Bridge; Brooklyn Center, Hennepin County, Minnesota, NSP Monticello, McGladry Plaza, High Bridge Hwy 149.

Nest Sites: Mississippi River and Southern Minnesota

SP-Cargill Elevator/Horizon Milling/Ardent Milling, Lake City, Wabasha County Minnesota. Adult female is b/g *Y/*P Charlette, a 2008 Wells Fargo Bank Bloomington MN fledger, the male is unknown. One female eyas was banded in 2017.

First year nesting attempted: 2002

Total young produced: 50

SP-Precipice Cliff, Whitewater State Park, Winona County, Minnesota. Male is b/g D/57 Davis, hatched in La Crosse 2007, and was paired with a female b/r *B/*W Ava, 2014 fledger from the Racine County Courthouse in Racine, WI. Three males and one female were banded on May 23, 2017.

First year nesting attempted: 2009

Total young produced: 29

SP-NSP Prairie Island, Goodhue County, Minnesota (aka Xcel Energy Prairie Island Plant) Goodhue County, Minnesota. Three young, two males and one female were banded on June 14, 2017. Female injured at fledging time and taken to The Raptor Center in St. Paul, MN – no further report.

First year nesting attempted: 1997

Total young produced: 62

SP-Great Spirit Bluff/P17, La Crescent/Dresbach, Houston County, Minnesota. Two young were banded on May 28, 2017

First year nesting attempted: 2005

Total young produced: 41

SP-Faith Bluff, John Latsch State Park, Winona County, Minnesota. Adults unidentified; access to site unsafe due to heavy rains. Four young fledged and produced.

First year nesting attempted: 1986

Total young produced: 24

SP-North Star Bridge, Highway 169, Mankato, Blue Earth County, Minnesota.

Four chicks, three females and one male were banded on May 25, 2017.

First year nesting attempted: 2006

Total young produced: 6

SP-Homer Bluff/P4, Homer, Winona County, Minnesota. Three chicks were banded June 1, 2017.

First year nesting attempted: 2007

Total young produced: 19

SP-Mayo Clinic, Rochester, Olmsted County, Minnesota. Three young, two females and one male were banded on June 31, 2017.

First year nesting attempted: 1991

Total young produced: 57 (plus 1 augment & 32 hacked)

SP-Bay State Milling, Winona, Winona County, Minnesota. Bay State Milling in Winona, MN is visible from Castle Rock Cliff in WI and falcons nest either here or there. They have not nested at Maiden Rock since 2011 and were back on the Rock in 2016. We suspect a new female took over given the change in location and the number of offspring produced. Two males and two females were banded on June 5, 2017.

First year nesting attempted: 2009 Total young produced: 29

SP-Delta Airlines Hanger 7/8, Minneapolis International Airport, Minneapolis, Hennepin County. (NEW SITE 2017). Adult female is b/r 77/W Elizabeth, a 2011 hatch from Elk River, MN, and adult male is b/r 15/S Grace, banded as a female in 2010 from Bloomington, MN. Two female chicks banded on June 2, 2017.

First year nesting attempted: 2017 Total young produced: 2

NB-Rattlesnake Bluff/Wacouta Bluff, Frontenac State Park, Frontenac, Goodhue County, Minnesota. A pair was observed to be occupying the cliff area in late March. An adult male was paired with a SY unbanded female. Unfortunately, the tiercel never landed in an area long enough or with proper viewing to confirm banding status. The pair remained on territory, but did not appear to nest.

First year nesting attempted: 2007

Total young produced: 3

NB-Cargill Elevator/Red Wing Grain Stack House, Red Wing, Goodhue County, Minnesota. This normally productive site had at least two birds: an unknown male and female bl 77/X, a 2011 hatch from the mouth of the Nipigon river in Canada! The two falcons went through courtship, but bl 77/X never laid eggs.

First year nesting attempted: 2000

Total young produced: 38

[Shellhorn Bluff, Brownsville, Houston County, Minnesota. Landowner would not give permission to access site. Falcons first nested here in 2008 and have produced at least 7 young to date (2017).

First year nesting attempted: 2008

Total young produced: 4]

[Queen's Bluff-SNA, Great River Bluffs State Park, Winona County, Minnesota. No activity reported in 2017.

First year nesting attempted: 2000

Total young produced: 48]

[Mayo Building, University of Minnesota campus, Hennepin County, Minneapolis, Minnesota. No activity in 2017.

First year nesting attempted: 2012

Total young produced: 18]

[Greysolon Plaza (aka Duluth Hotel), Duluth, St. Louis County, Minnesota. Not reported as active in 2017.

First year nesting attempted: 2003

Total young produced: 36]

[Gold Hoist Cliff, Split Rock Lighthouse State Park, Lake County. No activity reported for 2017.]

WISCONSIN

Greg Septon (Wisconsin Falconwatch) and Amy Ries (Raptor Resource Project) contributed information for this report.

SP-We Energies Port Washington Generating Station, Port Washington, Ozaukee County, Wisconsin. Three males banded on June 2, 2017.

First year nesting attempted: 2000 Total young produced: 59

SP-Wauwatosa: We Energies Milwaukee County Power Plant, MRMC Thermal Power Plant, Milwaukee County, Wisconsin. Three females and one male banded on May 30, 2017.

First year nesting attempted: 2013 Total young produced: 16

SP-Busch Agricultural Resources Complex/Riverland Ag/ Briess Malt & Ingredients Company, Manitowoc, Manitowoc County, Wisconsin. Four males banded on June 6, 2017.

First year nesting attempted: 1998 Total young produced: 63

SP-WPS Pulliam Power Plant, Green Bay, Brown County, Wisconsin. Female is b/r 44/U Jill 2013 alumna of Mayo Building at University of Minnesota, Minneapolis; adult male is b/r 97/R, Bones, produced in 2012 at St. Joseph's Hospital in Milwaukee, WI. Four young, two females and two males banded on June 1, 2017.

First year nesting attempted: 1996 Total young produced: 66

SP-We Energies Pleasant Prairie Power Plant (P4), Pleasant Prairie, Kenosha County, Wisconsin. Adult male is b/r 07/B PBR, who was produced at Milwaukee's Miller Brewery nest site in 2009. This was PBR's sixth year at this site. Adult female is unbanded. Two females were banded on May 30, 2017.

First year nesting attempted: 1997 Total young produced: 61

SP-Racine County Courthouse, Racine, Racine County, Wisconsin. Three females banded on May 31, 2017.

First year nesting attempted: 2002 Total young produced: 46

SP-Oshkosh: UW Oshkosh, Winnebago County, Oshkosh, Wisconsin. One male was banded on June 8, 2017. One young died in nest and was removed by the adults.

First year nesting attempted: 2011

Total young produced: 16

SP-Alliant Columbia Generating Station, Pardeeville, Wisconsin. Two young died early on; three males banded on June 5, 2017.

First year nesting attempted: 2006

Total young produced: 38

SP-Proctor & Gamble Mill Green Bay, Wisconsin. (NEW SITE 2017). Adults unknown. Four nearly-fledged young found on June 27, 2017.

First year nesting attempted: 2017

Total young produced: 4

SP-UW-Milwaukee EMS Bldg. Milwaukee, Milwaukee County, Wisconsin. Adult female is unbanded, likely her sixth year here. Adult male is b/r 84/R, Lightning, 2012 hatch from Milwaukee, WI. Four eggs were laid, four hatched, and one female and three males were banded on May 26, 2017.

First year nesting attempted: 2009

Total young produced: 29

SP-Milwaukee: St. Joseph's Hospital, Milwaukee, Milwaukee County, Wisconsin. Adult female is b/r C/44 Agatha, produced in 2015 at the Millennium Park site in Chicago, IL. The male is new and unidentified, replacing b/r 71/P Wildcat, a Milwaukee hatch from 2013, who was here in 2016 and is now at UW-Milwaukee EMS Bldg. Four eggs were laid, all hatched, and three females and one male were banded on May 31, 2017.

First year nesting attempted: 2011

Total young produced: 24

SP-Madison Gas & Electric Company, Madison, Dane County, Wisconsin. Adult female is Trudy, unbanded, likely the same female as previous five years. Adult male is b/r 80/P Melvin, produced in 2013 at We Energies Oak Creek Power Plant in Oak Creek, WI. This is Melvin's third year at MG&E. Four eggs were laid, all hatched, and one female and three males were banded on May 31, 2017.

First year nesting attempted: 2009

Total young produced: 35

SP-Froedtert Malt, West Milwaukee, Milwaukee County, Wisconsin (now Malteurop, also formerly ADM Malting Co.). Adult female is b/r *E/*S Amylase, a 2008-produced falcon from the US Steel old coke plant in Gary, IN, back for her eighth year. Adult male is b/g 96/N JJ, produced in 2005 at the Valero Renewables site at Jefferson, WI and back for his ninth year. Four eggs were laid, all hatched, and two chicks of each sex banded on May 18, 2017.

First year nesting attempted: 1995

Total young produced: 63

SP-Kenosha Memorial Hospital, Kenosha County, Kenosha, Wisconsin. (aka: United Hospital System, Kenosha Medical Center). Adult female is b/r 31/W Olympia, produced in 2012 at the south loop site on Michigan Ave. in Chicago, IL. Adult male is b/r 55/D Livingston, produced in 2010 at the MG&E site in Madison. Three eggs were laid, two hatched, and one male and one female banded June 5, 2017.

First year nesting attempted: 2006

Total young produced: 21

SP-Dominion Kewaunee Nuclear Power Plant, Kewaunee, Kewaunee County, Wisconsin. Adult female is b/g N/27 Athena, 2007 hatch from Racine Courthouse; male is unidentified. Four young, two females and two males were banded on May 26, 2017.

First year nesting attempted: 2001

Total young produced: 41

SP-West Bluff/P10-P11 (Maiden Rock Complex) Pepin County, Wisconsin. RRP reports banding three chicks on June 5, 2017.

First year nesting attempted: 2005

Total young fledged: 27

SP-Georgia Pacific (GP), Green Bay, Brown County, Wisconsin. Adult female b/r 53/E Chloe, produced in 2010 at the WPL Edgewater Generating Station site in Sheboygan, WI. Adult male was b/g E/08 Elmo, produced in 2006 at the Busch Agricultural Complex in Manitowoc. Four eggs were laid, three hatched, and two females and one male were banded on May 24, 2017.

First year nesting attempted: 2008

Total young produced: 26

SP-Maassen's Bluff, Buffalo County, Wisconsin. Adults were unknown in 2017. Two chicks, one each, were banded on June 7, 2017.

First year nesting attempted: 2001

Total young produced: 24

SP-Ashland: Xcel Energy Bay Front Generating Station, Ashland County, Wisconsin. Adult female unbanded and adult male is b/r 69/C Babyface from McGregor, IA. Three chicks, two females and one male, banded on June 30, 2017. One young found dead in box at banding.

First year nesting attempted: 2009

Total young produced: 22

SP-NSP Dairyland Genoa Power Plant, Genoa, Vernon County, Wisconsin (aka: Dairyland Power Cooperative). Female b/r 32/V Peta, a 2012 Manitowoc hatch, and b/r A/36 Marcel, a 2013 West Bluff, WI hatch, were the adults as in the past. Four young, three females and one male, were banded on June 1, 2017.

First year nesting attempted: 1998

Total young produced: 62

SP-US Bank Building, La Crosse, La Crosse County, Wisconsin. Adult female is b/r C/78, a 2014 fledge off the smokestack at Hibbard Plant, St. Louis County, MN; male is unknown. Four male chicks were banded May 25, 2017.

First year nesting attempted: 2006

Total young produced: 31

SP-Diamond Bluff, Pierce County, Diamond Bluff, Wisconsin. Adults are unknown. Falcons have nested in three different places at this lovely cliff since 2011. They nested in a nest box in 2011, a small pothole on the front side of the cliff from 2012-2015, and a large pothole near the top in 2016 and back to the front hole in 2017. Two young were banded on June 12, 2017.

First year nesting attempted: 2011

Total young produced: 9

SP-Cargill Malt Complex, Jefferson County, Jefferson, Wisconsin (now Jefferson: Valero Renewables; was also known as Renew Energy LLC Complex). Adult female is b/g 82/A Smokey, a 2003 hatch from Sheboygan, WI; adult male is b/g E/06, Suzuki, a 2006 hatch from Kenosha, WI. Five eggs were laid, two hatched, and two male chicks were banded on June 13, 2017.

First year nesting attempted: 2004

Total young produced: 34

SP-WPS Weston Power Plant, Rothschild, Marathon County, Wisconsin. Immature female is b/r C/94 Rosalee, a 2014 hatch from Madison Gas and Electric in Wisconsin;

adult male is b/r 19/M Sheldon, a 2013 hatch from UW Oshkosh. Four eggs were laid, four hatched, and two males and one female were banded on June 1, 2017.

First year nesting attempted: 2006

Total young produced: 28

SP-Miller Coors Brewery, Milwaukee, Wisconsin. Unbanded female paired with b/r 74/Y Wyatt, a 2013 hatch from Kenosha. Four eggs laid, three hatched, and one female and two males banded on June 6, 2017.

First year nesting attempted: 2002

Total fledged: 30

SP-Menasha: SCA Tissue, Winnebago County, Wisconsin. (Essity Paper Mill) (This site has in past been mentioned in conjunction with Roland Kampo Bridge). Male is b/g 76/N Thor, a 2004 hatch from Manitowoc, Wisconsin, female is b/g 4/*5 Karla a 2002 hatch from Boswell Energy Center in Cohasset, Minnesota. It was believed the peregrines had returned to nest under the Roland Kampo Bridge again but two young fledged from the SCA south nest box the week of 6/9. One young was found grounded on that same day and transferred to the Bay Beach Wildlife Sanctuary for care. It was banded and released back at the SCA site on June 19, 2019.

First year nesting attempted: 2015

Total young produced: 4

SP-We Energies Valley Power Plant, Milwaukee, Wisconsin. Adult female was unbanded and adult male is b/r 60/R Hercules, a 2011 hatch from Milwaukee, Wisconsin. Four eggs were laid, three hatched and two young, one each, were banded on May 22, 2017.

First year nesting attempted: 2002

Total young produced: 33

SP-Green Bay: UW Green Bay, Green Bay, Brown County, Wisconsin. Adult female is b/r D/54 Mimi, a 2014 hatch from We Energies Milwaukee, and the adult male is b/r H/24 Rupert, a 2014 hatch from UW Oshkosh in 2014. Four eggs laid, four hatched and four males were banded on May 27, 2017.

First year nesting attempted: 2011

Total young produced: 4

SP-Devils Lake State Park: Quarry, Sauk County, Wisconsin. Bill Smith monitored this site again this year and confirmed young present on May 22nd. An effort to band here was undertaken on May 28th. But when Eddie Feltes rappelled into the eyrie he discovered the young were approximately 27-28 days of age and too old to safely capture and band so the attempt was called off.

First year nesting attempted: 2015

Total young produced: 7

SP-Hoan Bridge Territory/MMSD/Veolia Water NA, Milwaukee, Milwaukee County, Wisconsin. Adult male is b/g B/38 Rounder, produced in 2007 at Milwaukee's Miller Brewery site, back for his sixth year. Female is banded b/r. Four young were banded on May 10, 2017.

First year nesting attempted: 1999

Total young produced: 18

SP-Rock Island, Door County, Wisconsin. Adult male and adult female both unbanded. Two young were unbanded on June 7, 2017.

First year nesting attempted: 2017

Total young produced: 2

SP--De Soto Redbird Bluff, Crawford County, Wisconsin. (NEW SITE 2017). Adult female is b/r A./47 Lefty, a 2015 hatch from US Bank La Crosse, WI; male is unidentified. Three young banded.

First year nesting attempted: 2017

Total young produced: 3

SP-Twin Bluff, Nelson, Buffalo County, Wisconsin and nearby Hemion Bluff. Adults are unknown. Four chicks, two each sex, were banded on June 6, 2017.

First year nesting attempted: 2009

Total young produced: 15

LE- Burlington Northern Ore Docks, Douglas County, Wisconsin. Adult female is b/blu 65/H Allouette, banded at the territory site as an adult, and the adult male is b/g M/26 Hunter, produced in 2005 at the New Madrid Power Plant site in New Madrid Co., MO. Dave Evans trapped and banded the adult female here on March 4th. He identified the adult male as b/g M/26 on March 16th. Two young were observed in the nest on May 28th, 2017 and banding was attempted on June 2nd but the nest was found empty. Dave found a section of the nest (old raven's nest) collapsed and 3 dead young at base of dock below.

First year nesting attempted: 2015

Total young produced: 4

LE -We Energies Oak Creek Power Plant, Oak Creek, Milwaukee County, Wisconsin. Adult female is b/r 67/H Eclipse, a 2009 falcon in her 7th year here; adult male is b/r P/58 Michael, a 2015 hatch from Racine, Wisconsin, here for his first year.

Four eggs laid, all hatched, and all four died in the nest box and were removed by the adults. No further information.

First year nesting attempted: 1998

Total young produced: 58

LE-Wyalusing: Wyalusing Quarry, Grant County, Wisconsin. Male is unbanded. Female is b/blu 82/H Freya, a 2015 hatch from Faith Bluff in Winona, MN. Two very young falcons found dead in nest – probably black fly strike.

First year nesting attempted: c. 2015

Total young produced: 0

LE-Dairyland Power, 12-Mile Bluff, Alma Wisconsin. Adults are unknown. Three females and one male chick banded June 5, 2017. Amy, Dave, and John (RRP) descended to the extremely large nest box in a pothole on 12-Mile bluff immediately behind the Alma plant. The box was installed by a team working with The Raptor Center co-founder Pat Redig. They built it up top and lowered the complete structure down the cliff – really amazing given its size! This is a great spot to band – the deep pothole provides a nice ledge to sit and work on and the view is spectacular. Five fresh eggs found on June 5th; no further information.

First year nesting attempted: 1997

Total young produced: 71

LE-Lynxville Cliff Complex (also known as Lee's Bluff and P5, Monehen), Lynxville, Crawford County, Wisconsin. Three eggs found on May 25, 2017; no further information.

First year nesting attempted: 2003

Total fledged: 19

LE-Thilmany Mill, Kaukauana, Outagamie County, Wisconsin. Four eggs laid, but failed to hatch.

First year nesting attempted: 2007

Total young produced: 31

LE-WPL Edgewater Generating Station, Sheboygan, Sheboygan County, Wisconsin. Four laid eggs failed to hatch; two went missing in 2017.

First year nesting attempted: 1992

Total young produced: 76

NB-Wisconsin River I-90/94 Bridge, Wisconsin. Bill Smith reports peregrines observed here during early April but no nesting occurred. On April 2nd he captured an

image of an adult male at the bridge with a band that likely identified it as b/r P/01 Horos produced in 2014 at the Georgia Pacific site in Green Bay, WI.

NB-Glen Haven Cliff, Glen Haven, Wisconsin. Amy Ries reports that an immature and an adult peregrine were present here but did not nest again in 2017.

First year nesting attempted: 2015

Total number produced: 2

NB-Firststar Center, (Now US Bank – Milwaukee), Milwaukee, Milwaukee County, Wisconsin. Although peregrines were observed here during the nesting season and a scrape was present, no nesting occurred.

First year nesting attempted: 1988

Total young produced: 58

[Castle Rock, Trempealeau County, Wisconsin. No activity in 2017

First year nesting attempted: 2001

Total fledged: 28]

[Maiden Rock/P11, Pepin County, Wisconsin. Uncertain as to what happened here in 2017. Young may have been produced, but information is sketchy – no direct observation by project personnel.

First year nesting attempted: 2001

Total young produced: 29]

[General Mills Superior, Douglas County, Wisconsin. No activity reported in 2017.

First year nesting attempted: 2009

Total young produced: 14

[Fountain City Bluff (aka Greshik's Bluff), Fountain City, Wisconsin. No activity in 2017.

First year nesting attempted: 2002

Total young fledged: 27]

MICHIGAN

Karen Cleveland, All-Bird Biologist, Michigan Dept. of Natural Resources, submitted the information for this report.

Contributors: Christine Becher (MI DNR), Tim Payne (MI DNR), Nik Kalejs (MI DNR), Lori Sargent (MI DNR), Kristie Sitar (MI DNR), Brian Roell (MI DNR), Mark Mills (MI DNR), Brad Johnson (MI DNR), John DePue (MI DNR), Julie Oakes (MI DNR), Al Stewart (MI DNR), Matt Cole (US Forest Service), Cindy Heyd (National Park Service), Greg Septon, Karl Hansen (Sault Ste. Marie Bridge Authority), Kim Nowack (Mackinac Bridge Authority), Dan Weingarten (MDOT), Pete Petainen (MDOT), Stan Madziar (Consumers Energy), Dina Maneval (Lansing Board of Water & Light), Thomas Skewis (Marquette Board of Light & Power), Ric Sheele (Jackson County), Joe and Barb Rogers (Wildlife Recovery Association), Andy Bacon (Michigan Nature Association), Gail Walter (Audubon Society of Kalamazoo), Dave Hogan, Susan Stamy, Josh Haas, Joseph Youngman, Tom Schneider (Detroit Zoo), Alec Lindsay (NMU), Joel Donohue (NMU), Cody Selewski (NMU), Jim Sikarskie (MSU), Jim Schneider (MSU)

SP- New Center/Fisher Building, Detroit, Wayne County, Michigan. Adult male is b/g 89/P Horus, hatched in 2004 at First Merit Bank, Akron, OH. Adult female is black 20/W Mystique hatched in 2006 at London, ON. Three young produced, one banded on June 22, 2017.

First year nesting attempted: 1993

Total young produced: 38

SP- Whittier Apartments, Detroit, Wayne County, Michigan. A new male, b/r E/06 Promise hatched at 5/3 Building, Kalamazoo, MI in 2014, replaced black 21/V Windsor. Female was b/r 20/W Theresa, hatched at St. Mary's Hospital in Chicago, IL in 2012. Three young, two males and one female were banded.

First year nesting attempted: 1995

Total young produced: 26

SP- Book / Ameritech / SBC/ Now AT&T, Detroit, Wayne County, Michigan. Male is b/g S/B Bud-Z, hatched in 2000 at Toledo, OH. Female is unbanded. This site is not accessible for banding. Four young, two males and two females, fledged in 2017.

First year nesting attempted: 1992

Total young produced: 64

SP-Durant Hotel/UM Northbank Center, Flint, Genesee County, Michigan. An unknown male paired with an unbanded female. Birds cannot be safely banded at this site. One male and two females fledged.

First year nesting attempted: 2009

Total young produced: 14

SP-Jackson County Building, Jackson, Jackson County, Michigan. Male is b/g C/57

Chayton, hatched in 2007 at Toledo, OH. Female is b/r 33/K Big Red, hatched in 2008 at Chicago, IL. Five chicks, one male and four females banded on May 22, 2017.

First year nesting attempted: 2008

Total young produced: 25

SP-Consumers Energy Campbell Plant, Port Sheldon, Ottawa County, Michigan.

Male and female are undetermined. One male chick was banded on June 2, 2017.

First year nesting attempted: 2004

Total young produced: 40

SP-Board of Water and Light power plant / Michigan National Bank / State Capitol, Lansing, Ingham County, Michigan. Male is b/r 02/C Tornado, a 2010 hatch from Consumers Energy Cobb Plant in Muskegon, replacing b/g *P/*H Eckert, a 2009 hatch from same site; female is b/r 79/Y Ella, a 2010 hatch from Jackson County Building, replacing black 22/W Viper. Three females were banded and successfully fledged in 2017.

First year nesting attempted: 1991

Total young produced: 28

SP-International Bridge, Sault Ste. Marie, Chippewa County, Michigan. Male and female undetermined. As in prior years, the nest box on the American side of the bridge was successfully used in 2017, and four young, two each sex, were banded.

First year nesting attempted: 1999

Total young produced: 25

SP-WE Energies Presque Isle Power Plant, Marquette, Marquette County, Michigan. Male is unbanded. Female is b/g *P/*S, hatched in 2008 at Grand Haven Board of Light and Power, Sims Plant in Grand Haven, MI. Greg Septon banded the three chicks, one female and two males - at this site on June 11, 2017.

First year nesting attempted: 2010

Total young produced: 21

SP-Fifth Third Bank Building, Kalamazoo, Kalamazoo County, Michigan. Male b/r 81/D Kewpee hatched at Lima, OH in 2010 and female is b/g *W/*C Rebecca, hatched in 2009 at South Bend, IN. Same pair present in 2017. Three chicks, two males and one female, were banded and fledged in 2017.

First year nesting attempted: 2010

Total young produced: 15

SP-Passage Island Cliffs, Isle Royale, Keweenaw County, Michigan. Adults not identified. Two young, one each sex, were banded on June 20, 2017.

First year nesting attempted: 2012

Total young produced: 14

SP-Houghton-Hancock Bridge, Houghton, Houghton County, Michigan. Male is unidentified and female is b/r 81/W Carsten, hatched at Lee's Bluff Lynxville, WI in 2012. A nest box was mounted on each of the two bridge towers for the lift bridge in March 2012. Three young, two females and one male were banded on June 23, 2017.

First year nesting attempted: 2012

Total young produced: 13

SP-Detroit Edison Power Plant, Raisin River, Monroe, Monroe County, Michigan. Male is unknown; female is black 81/K. Two young, a male and a female, were banded in 2017.

First year nesting attempted: 1994

Total young produced: 40

SP-Grand Haven Board of Light and Power, Sims Plant, Grand Haven, Ottawa County, Michigan. Adults undetermined. Four young banded on June 7, 2017 and fledged.

First year nesting attempted: 2000

Total young produced: 42

SP-Detroit Zoo, Royal Oak, Oakland, Michigan - Nest location: Detroit Zoo. Male is b/r 08/P Justice, a 2012 hatch from Jackson County Building; female is unbanded. Four young, three males and one female were banded on June 22, 2017.

First year nesting attempted: 2017

Total young produced: 4

Sites reported on in 2016 narrative report with no data for 2017:

[Pictured Rocks #2, Pictured Rocks National Lakeshore, Alger County, Michigan.
No data for 2017.

First year nesting attempted: 2010

Total young produced: 12]

[Pictured Rocks #4, Pictured Rocks National Lakeshore, Alger County, Michigan.
No data for 2017.

First year nesting attempted: 2015 Total young produced: 4]

[Grand Portal Cliff, Pictured Rocks National Lakeshore, Alger County, Michigan.
No data for 2017.

First year nesting attempted: 1990 Total young produced: 28]

[Au Train Island, Alger County, Michigan. No data for 2017.

First year nesting attempted: 2002 Total young produced: 8]

[Grand Island, Alger County, Michigan. No data for 2017.

First year nesting attempted: 1993 Total young produced: 12]

[North Park Towers, Southfield, Oakland, Michigan. No data for 2017.

First year nesting attempted: 2016 Total young produced: 1]

[Old Main, Wayne State University, Detroit, Wayne, Michigan. New site in 2016. No data for 2017.

First year nesting attempted: 2016 Total young produced: 3]

[Consumers Energy D.E. Karn/J.C. Weadock Plant, Hampton Twp., Bay County, Michigan. No data for 2017

First year nesting attempted: 2008 Total young produced: 8]

[Parklane Tower East, Dearborn, Wayne County, Michigan. No data for 2017.

First year nesting attempted: 2013 Total young produced: 1]

[Mackinac Bridge, linking Upper and Lower Peninsulas, Emmet County, Michigan.
No data for 2017.

First year nesting attempted: 2009 Total young produced: 6]

[Grace Lake, Van Buren Charter Township, Wayne, Michigan No data for 2017.]

[Midland Cogeneration Venture, Midland, Midland County, Michigan. No data for 2017.

First year nesting attempted: 2014 Total young produced: 9]

[Shiras Steam Plant, Marquette Board of Light & Power, Marquette, Marquette County, Michigan. No data for 2017.

First year nesting attempted: 2012 Total young produced: 6*]

[Consumers Energy B. C. Cobb Plant, Muskegon, Muskegon County, Michigan. No data for 2017.

First year nesting attempted: 2003 Total young produced: 44]

[University of Detroit Mercy Bell Tower, Detroit, Michigan. No data for 2017.

First year nesting attempted: 2005 Total young produced: 21]

[Blue Water Bridge, Port Huron, St. Clair County, Michigan. No data for 2017.

First year nesting attempted: 2005 Total young produced: 31]

[Kent County Courthouse Building/Plaza Towers, Grand Rapids, Kent County, Michigan. Male and female undetermined. No data for 2017

First year nesting attempted: 2004 Total young produced: 16]

[Bell Tower (University of Michigan Medical Center), University of Michigan, Ann Arbor, Washtenaw County, Michigan. No data for 2017.

First year nesting attempted: 2006 Total young produced: 22]

[Campbell-Ewald Building, now General Motors Tech Center, Warren, Macomb County, Michigan. No data for 2017.

First year nesting attempted: 2010 Total young produced: 8]

[Macomb County Building, Mt. Clements, Macomb County, Michigan. No data for 2017.

First year nesting attempted: 2005 Total young produced: 25]

[AT&T Tower, Pontiac, Oakland County, Michigan. No data for 2017

First year nesting attempted: 2011 Total young produced: 14]

[Bare Bluff, Grant Township, Keweenaw County, Michigan. Male and female both undetermined. No data for 2017.

First year nesting attempted: 2011 Total young produced: 12]

NEBRASKA

Joel Jorgensen, Nebraska Game and Parks Commission, submitted the information for this report.

SP-Woodmen Tower, Omaha, Douglas County, Nebraska. Male is b/r 57/H (banded as female), hatched in 2010 in Lincoln, NE. Adult female, believed to be the adult breeding there for two years – was trapped and banded on the same day as chicks. She is b/r 48/U Charity. Four female chicks were banded on May 19, 2017.

First year nesting attempted: 1992 Total young produced: 81

[State Capitol Building, Lincoln, Lancaster County, Nebraska. No data for 2017

First year nesting attempted: 2005 Total young produced: 17]

IOWA

Information on peregrine falcon nesting activity in Iowa was provided by Amy Ries of Raptor Resource Project and Stephanie Shephard, IA DNR

SP-Guider's Bluff, Lansing, Iowa. (NEW SITE 2017). According to RRP narrative, landowners reported falcons nesting at this site for several years, but had gone unnoticed.

Adults are apparently secretive and non-defensive. The pair was nesting in a low elevation pothole, eschewing a box that had been placed on the cliff several years before. Four young, three males and one female were banded on June 3, 2017.

First year nesting attempted: ?

Total young produced: 4

SP-Dubuque County Courthouse, Dubuque County, Iowa. Adult female is unbanded; adult male is identified as Jeff (indefinite reference ed.). Four eggs laid, one hatched and one male chick banded on June 12, 2017.

First year nesting attempted: 2016

Total young produced: 2

SP-Aggie's Bluff (near Lansing) Allamakee County, Iowa. Two young spotted here, but unable to reach the eyrie to band them in 2017 (as in 2016).

First year nesting attempted: 2012

Total young produced: 18

LE-Alliant Lansing Cliff, Lansing, Iowa. Adults unknown. Three chicks survived to about 23 days of age and then succumbed to black fly attack.

First year nesting attempted: 2001

Total young produced: 35

LE-Agri-Bunge North America Stackhouse (Bunge America), McGregor, Allamakee County, Iowa. Adults unknown. One female chick produced, but blown out of the nest box in a windstorm and died.

First year nesting attempted: 2010

Total young produced: 18

LE-Bellevue State Park, Bellevue, Jackson County, Iowa. Adult falcons present and Park staff reported nesting activity. Nothing found at banding time – nest apparently failed.

First year nesting attempted: 2014

Total young produced: 3

[Leo's Bluff, Waukon Junction, Allamakee County, Iowa. Falcons heard in area; site was rappelled into in 2017, but there was no evidence of a nesting attempt. The whole complex has produced just seven falcons since 2007. *Total sites in complex: 3*

First occupied: 2004

Total young produced: 7]

[State Capitol, Des Moines, Polk County, Iowa. No data for 2017

First year nesting attempted: 2008 Total young produced: 20]

[ADM Plant, Clinton, Clinton County, Iowa. No data for 2017.

First year nesting attempted: 2010 Total young produced: 29]

[ADM Plant, Clinton, Clinton County, Iowa. No data for 2017.

First year nesting attempted: 2010 Total young produced: 29]

[Alliant Energy Plant, aka Ottumwa, Chillicothe, Wapello County, Iowa. No data for 2017.

First year nesting attempted: 2005 Total young produced: 28]

[I-80 Bridge, Quad Cities, Scott County, Iowa. No data for 2017.

First year nesting attempted: 2003 Total young produced: ?]

[Mississippi (Great River) Bridge, Burlington, Des Moines County, Iowa. No data for 2017.

First year nesting attempted: 2004 Total young produced: 11]

[ML Kapp Generating Station, Clinton, Iowa. No data for 2017.

First year nesting attempted: 2007 Total young produced: 12]

[MEC Louisa, (Louisa Generating Station), Louisa County, Iowa. No data for 2017.

First year nesting attempted: 2002 Total young produced: 33]

[Power Plant, Muscatine County, Iowa. (SM) No data for 2017.

First year nesting attempted: 2015 Total young produced: 4]

[Dubuque Eagle Point Park, Dubuque, Dubuque County. No data for 2017.

First year nesting attempted: 2014 Total young produced: ?]

[MidAmerican Energy Corporate Headquarters, Davenport, Scott County, Iowa.
No data for 2017.

First year nesting attempted: 2002 Total young produced: 22]

[American Republic (now called American Enterprise), Des Moines, Polk County, Iowa. No data for 2017.

First year nesting attempted: 1993 Total young produced: 53]

[Keokuk Power Plant, Keokuk, (County?) Iowa No data for 2017.

First year nesting attempted: ? Total young produced: ?]

[Firstar Bank (US Bank), Cedar Rapids, Linn County, Iowa. No data for 2017.

First year nesting attempted: 1993 Total young produced: 63]

ILLINOIS

Mary Hennen, Bird Division, Field Museum of Chicago submitted this information. The Chicago Peregrine Program has completed its 31st year.

SP-Wacker, Chicago, Cook County, Illinois. This is the oldest of the Illinois nest sites (30th year). The female was b/g R/39 Lisa a 2009 hatch from Green Bay, WI. This was her third year at Wacker. The new adult male was b/r H/34 Ben H, a 2013 hatch from from Chicago's Wrigleyville site, replacing b/g 97/K Andy, a 2009 hatch from Chicago, IL. Four eggs were laid, three of which hatched. Banding took place on May 22, 2017.

First year nesting attempted: 1987 Total young produced: 73

SP-Mary's Hospital, Chicago, Cook County, Illinois. This was the 10th year adults have been seen at this site, but only the 8th year that nesting was confirmed. A new female was identified as b/r 53/V Owena, a 2013 hatch from Racine County Courthouse, replacing b/g R/90, a 2007 Quad Cities IA hatch. The male was b/r *U/*W Neal, a 2008 hatch from Evanston, IL. Four eggs were laid, two of which hatched. Banding took place on May 12th. All fledged without issue.

First year nesting attempted: 2008

Total young produced: 22

SP-Millennium Park, Chicago, Cook County, Illinois. This was the seventh year for this site. As in 2017, the adult female was confirmed as b/g V/S unnamed, a 2003 St. Louis, MO hatch. New male b/r 86/A Peyton, a 2009 hatch from Busch Ag Complex in Manitowoc, WI was present. Four eggs were laid, three of which hatched. The chicks were banded on June 6th. One of the young (bl/blu 37/N) was found dead on a nearby roof post-fledging.

First year nesting attempted: 2011

Total young produced: 22

SP-Alton South, Illinois. An unbanded female and male is b/r 28/R, a 2013 hatch from St. Charles, MO, replacing b/g V/P were present in 2017. Unfortunately, there isn't a view into the nest to get an egg count. Three unbanded young fledged. Productivity in previous years is unknown.

First year nesting attempted: 2013

Total young produced: 3+

SP-Belmont / Addison, Illinois. This is the third year this pair has succeeded in their nesting attempt at this site. Both adults were confirmed as unbanded. Four eggs was laid, two of which hatched. Two female chicks were banded on June 10th. Both fledged without issue.

First year nesting attempted: 2012 Total young produced: 9

SP-68th Street Crib, Cook County, Illinois. This is the third year we can confirm breeding. The female was b/r 74/U Blue, originally from Ann Arbor MI in 2013. The male was b/r 42/N Bimo, a 2012 fledgling from our South Loop site. It was their second year at the site. Four eggs were laid at the old nest ledge. Three chicks, one male and two females hatched and were banded on May 30th. All fledged without issue though b/bl 34/N was found dead on a beach outside of Michigan City, IN on June 27, 2017.

First year nesting attempted: 2015

Total young produced: 6

SP-Decatur, Macon County, Illinois. This is the third year peregrines have been confirmed nesting in this location. Jacques Nuzzo reports identification on the adults was not confirmed. Four unbanded immature peregrines (newly fledged) were grounded and banded before being relocated to a safer nearby roof. All fledged without further issue.

First year nesting attempted: 2015 Total young produced: 9

SP-O'Hare Airport, Illinois. exact location unknown. This is the second year for breeding activity at this location. In an almost exact replay of 2016, a single unbanded grounded fledgling was picked up at O'Hare airport. Due to security issues about the location, and risk for the birds, it was transferred to rehab. The bird was taken to Willowbrook, banded (male), and then transferred to SOAR. It was released in Ottawa, Illinois on July 29th.

First year nesting attempted: 2016 Total young produced: 3

SP-Elmhurst, Illinois (NEW SITE in 2017). Glenn Perricone reports a single peregrine has been at this location for a number of years though this is the first confirmed breeding. Two immature peregrines fledged without issue.

First year nesting attempted: 2017 Total young produced: 2

SP-Pilsen Park (Throop St.), Illinois. This was the 16th year for this site. Last year only a single adult (unidentified) was seen at the site early in the year. The female, b/g R/98 Bob, a 2008, hatch from Kaukauna, Wisconsin, was also seen at the South Loop site this year with a new unbanded male. The male at Pilsen was again b/r 24/N Huff, a 2011 hatch from Chicago, IL. Four eggs were laid, three of which hatched. Banding took place on June 22nd and all fledged without issue

First year nesting attempted: 2002 Total young produced: 33

SP-Hartford Plaza North, Illinois. 2017 nest site location uncertain. On June 19th, an unbanded fledging peregrine was picked up after being grounded at a location directly across the river from the Hartford Plaza North site used in 2016. Last year an unbanded male and a female named b/r 29/W Stormy, a 2012 Chicago Lakeview fledgling, nested in 2016 at a new site adjacent to the existing Wacker site. In February this year (2017) the female Stormy was grounded and taken to rehab. Meanwhile a single bird was seen at the Hartford location early in the season but then no sign of activity was seen near this location until the young peregrine was found. He was banded as b/blu 17/E Ron and released at Ottawa site. It is possible the unbanded male from last year paired up with a new female using a nearby location across the River. He could not have bred with Stormy

as she wasn't released until May 12th in Ottawa, IL. Stormy was sighted in September at the Hartford site.

First year nesting attempted: 2016

Total young produced: 5

SP-River Birds, Chicago, Cook County, Illinois. This year the peregrines used a new building adjacent to previous buildings. The adult female was confirmed as b/g 22/C Autumn Hope, a 2005 hatch from Chicago, IL. The adult male was not identified beyond having a b/g band. Three eggs were laid with only one hatching. Banding took place on June 14th; but, unfortunately the young bird was found dead near the building after fledging.

First year nesting attempted: ?

Total young produced: 0

LE-Evanston Library, Evanston, Cook County, Illinois. This was the 14th year for this location in Evanston. A new female was present, an unbanded, one year old replacing b/g 64/D Nona, a 2004 hatch from Firststar Bank in Cedar Rapids, IA. The adult male was b/g 48/M Squawker, a 2003 hatch from Pleasant Prairie, WI. This was his 11th year at the site. Three eggs were laid, two of which hatched. Unfortunately one chick was accidentally killed after the adults stepped on it in a squabble over food. The second chick also died in the nest.

First year nesting attempted: 2004

Total young produced: 41

LE-UIC, Chicago, Cook County, Illinois. This was the 19th year for this site and the 5th year for both adults. The adult female was b/g 2/*Y Nitz, a 2001 hatch from Milwaukee, WI and the adult male was b/g W/72 Mouse, a 2008 hatch from Chicago, IL. Three eggs were laid, none of which hatched.

First year nesting attempted: 1999

Total young produced: 28

LE-Peoria, Illinois. Jim Robison reported that the Peoria falcons failed. They chose to nest on a rooftop between two large HVAC units this year, and the nest was destroyed by heavy rain. Both of the adults were unbanded. Four eggs were laid, none of which hatched.

First year nesting attempted: 2016

Total young produced: 3

LE-St. Michael's/Old Town/Oak Street Beach, Chicago, Cook County, Illinois. Peregrines that have previously nested at St. Michael's and Oak Street, used a new site in the Oak Street vicinity. The adult female was confirmed as b/g 69/C Ballistic, a 2005 hatch from Cleveland, OH. The adult male was not identified. Incubation was confirmed

though we were not able to get an exact egg count. The nest was rained out – as also happened in 2016.

First year nesting attempted: 2005

Total young produced: 15

NB-Broadway, Chicago, Cook County, Illinois. Previously, peregrines that hung around the Loyola campus were from the Broadway site. Loyola was the north end of their territory and they used a building closer to Broadway and Hollywood to nest on. As a result of construction work, this year (2017) the nest ledge was altered and the Peregrines abandoned that building. But a pair did pair hang out on the Mundelein building and we believe tried to nest on it. Ultimately it rained out. We have no confirmation on the adult identification, but it possible they were the Broadway birds from last year (male unbanded, female b/r C/90 Cofrin, a 2014 hatch from Georgia Pacific Green Bay, WI).

First year nesting attempted: 1994

Total young produced: 60

NB-LaSalle, Cook County, Illinois. This (2017) is the third year for this site. No confirmation on adult identification. Defensive behavior reported by site engineers confirms the possibility the pair tried to nest.

NB-Joliet, Will County, Illinois. The adult Peregrines were present in the quarry used in 2016 though not young peregrines were sighted. It is possible they laid eggs which failed to hatch but we cannot confirm nesting. Also, adult i.d. was not confirmed.

NB-Midwest Generation (NRG), Waukegan, Lake County, Illinois. This (2017) was the 17th year for this site. The adults were not confirmed beyond band colors but the colors do coincide with previous identifications of female b/r 63/V Patsy, a 2012 hatch from Dairyland Cooperative Alma, Wisconsin, and b/g 92/N Greg, a 2005 hatch from Racine, Wisconsin. Though present in the nest box early in the season and throughout courtship, heavy rains and a leaky roof may have caused them to abandon the box. Nor did they use the ledge they utilized in 2016.

First year nesting attempted: 2001

Total young produced: 53

NB-McCook/Lyons Quarries, Chicago, Cook County, Illinois. Only a single peregrine was sighted periodically during the breeding season at the McCook Quarry. The nearby Lyons quarry has been filled in.

First year nesting attempted: 2007

Total young produced: 7

NB-Harrison Crib, Illinois. In 2016, peregrines nested on the Harrison water intake crib, two miles off the Lake Michigan shoreline near downtown Chicago. Two adults were present this spring (2017) though no eggs were laid. The female peregrine is unbanded. A nest tray is available.

NB-South Loop / Michigan Ave, Chicago, Cook County, Illinois. A new unbanded male was present along with female b/g R/98 Bob, a 2008 hatch from Kaukauna, WI, early in the season. Though courtship was observed, no nesting took place. Bob returned to her previous site (2013-2015), Pilsen, to breed with her mate from that site, b/r 24/N Huff. Bob was seen periodically back at South Loop courting with the unbanded male late in the season.

First year nesting attempted: 2009

Total young produced: 4+

[Alton, Madison County, Illinois. No data for 2017.

First year nesting attempted: 2010

Total young produced: 15]

[Calumet Area (aka: Torrence Ave, Chicago) Cook County, Illinois. No data for 2017.

First year nesting attempted: 2008

Total young produced: 6]

[Oakwood/Pershing, exact location unknown, IL. No data for 2017.

First year nesting attempted: 2016

Total young produced: 2]

[Wilson Crib, Chicago, Illinois. No data for 2017

First year nesting attempted: 2013

Total young produced: 8]

[Romeoville, Illinois. No data for 2017.

First year nesting attempted: 2015

Total young produced: 4]

INDIANA

For the 2017 nesting season, at least 42 peregrine falcon chicks fledged and 39 were produced in 13 of 16 nesting attempts; 40 chicks were banded. Four additional sites had single birds or pairs reported during the breeding season. All identified adults associated with territories in Indiana were of wild origin. John Castrale, retired from the Indiana Division of Fish and Wildlife compiled the information for this state report, while partial funding for monitoring activities was provided by this agency.

Falcon cams can be viewed at:

Indianapolis (Market Tower) - <http://blogs.indystar.com/falconblog/>

Indianapolis (IPL Plant) - <http://apps.iplpower.com/axis/falcon.aspx>

South Bend - <http://www.southbendin.gov/falcam/>

Fort Wayne - <http://www.aep.com/environment/falconcam>

Petersburg – <http://apps.iplpower.com/axis/falcon2.aspx>

SP-Indianapolis Power and Light Plant, Petersburg, Pike County, Indiana. The first successful nesting occurred at this site in 2014. This pair consists of an unbanded female and a banded male (possible b/r V/X). Three chicks, one female and two males were banded on May 3, 2017.

First nesting attempt: 2012 Total young produced: 11

SP-Sycamore Building/Indiana State University Business Building, Terre Haute, Vigo County, Indiana. Same adults - female b/r G/*C, a 2013 hatch from St Charles County, MO, and male b/g N/83, a 2008 hatch from IPL Stout Plant, IN. Five eggs laid, all hatched. Five chicks, two females and three males, were banded on May 5, 2017.

First nesting attempted: 2010 Total young produced: 11

SP-Gallagher Power Plant, New Albany, Floyd County, Indiana. The male at this site is unbanded and a partial band number indicates the female is likely seven year-old b/r 21/H Isis from Louisville, KY, nesting here for the 7th time. Three eggs were laid in the smokestack nest box beginning March 11; all hatched and three male chicks were banded on May 8, 2017.

First nesting attempted: 2011 Total young produced: 20

SP-Carmeuse Lime Plant, Gary, Lake County, Indiana. For the sixth year, a pair consisting of an unbanded male and seven year-old female b/r 95/E Aurora, a Jefferson Co., KY fledged nested at this site. Three chicks, two males and one female, were banded on May 11, 2017.

First nesting attempted: 2012

Total young produced: 19

SP-One Summit Center, Fort Wayne, Allen County, Indiana. For the fifth year, the pair here consisted of four year-old b/r 99/E Moxie from Canton, OH and male b/r 92/D, Jamie, a five year-old from Port Sheldon, MI. Four eggs by March 16. Hatching began on April 17 with three chicks and one egg present on April 18. Three chicks, one female and two males, were banded on May 12, 2017.

First nesting attempted: 1996

Total young produced: 54

SP-NIPSCO Plant, Michigan City, LaPorte County, Indiana. This smokestack site was active for the twenty-second consecutive year with an unbanded female and male b/g W/55, nine year-old from South Bend nesting here for the ninth time. Five eggs laid, four hatched and three young, one female and two males, were banded on May 18, 2017.

First nesting attempted: 1996

Total young produced: 56

SP-NIPSCO Schahfer Plant, Wheatfield, Jasper County, Indiana. This site was active for the 20th consecutive year with the unbanded pair using the smokestack nest box again this year. Three chicks, two females and one male, were banded on May 18, 2017.

First nesting attempted: 1998

Total young produced: 54

SP-Inland Steel (aka Mittal Steel, Indiana Harbor East), Lime Plant, East Chicago, Lake County, Indiana. Active for at least 12 years; adults unbanded. Four chicks, two each, were banded on May 23, 2017.

First nesting attempted: 2006

Total young produced: 29

SP-NIPSCO Bailly Plant, Porter, Porter County, Indiana. The nest box on this smokestack was used for the twelfth time. The site could not be accessed the rest of the season due to a non-working elevator. The adults were not identified but two fledglings were noted June 2-6, 2017.

First nesting attempted: 1996

Total young produced: 35

SP-US Steel Tin Plant, East Chicago, Lake County, Indiana. One adult banded bl/blu incubating on March 26 on three eggs. One female chick banded on May 23, fledged on

June 9 and was killed by an aircraft on July 19, 2017 at General Mitchell airport in Wisconsin.

First nesting attempted: 2016 Total young produced: 1

SP-Market Tower, Indianapolis, Marion County, Indiana. 18 year-old b/r *B/*C KathyQ (aka Chantal,) from Milwaukee, here for the sixteenth year was found dead in nest box on March 2, replaced by an unbanded female. The male is again four-year old b/r 36/R Sesenta, KathyQ's son, and here for the fourth year. Three chicks were banded on June 12, 2017 and all fledged with some help.

First year nesting attempted: 1995 Total young produced: 69

SP-City-County/Tower Building, South Bend, St. Joseph County, Indiana. Nesting took place for the fifteenth year at this site. The female is b/r 47/V Maltese, a three year-old from the Maleutrop Complex in Milwaukee, WI, here for the second year. The male is b/r P/23 Peace, a 2005 hatch from Macomb County Building in MI, replacing an unbanded male. Four eggs were laid, four chicks hatched and two females and one male were banded on June 7, 2017. Two chicks found dead – frounce suspected and only one chick accounted for by July 12.

First nesting attempted: 2003 Total young produced: 39

SP-US Steel (Sinter Plant), Gary, Lake County, Indiana. Indiana's oldest existing nest site showed no signs of use in 2016. Unbanded adults present in 2017. Five chicks, two females and three males banded on June 6, 2017.

First nesting attempted: 1990 Total young produced: 59

LE-IPL Stout (Harding St.) Plant / Southside Landfill, Indianapolis, Marion County, Indiana. This site has been active for fourteen years. Both adults unbanded suggesting a changeover at least for the male. Five eggs were laid but none hatched – site failed.

First nesting attempted: 2002 Total young produced: 42

LE-Duke Energy Gibson Station, Princeton, Gibson County, Indiana. Female b/r, male unknown. In 2017 five eggs laid on cold steel plate – none hatched. Smokestack is scheduled for demolition.

LE-Mittal (Bethlehem) Steel, Porter, Porter County, Indiana (aka Burns Harbor?). Adults unknown. Single egg found in nest box in early April – no further nesting attempt; adults present.

First nesting attempted: 1997

Total young produced: 16

NB-US Steel (pre-carb/coke plant), Gary, Lake County, Indiana. Nesting has occurred at this site for ten consecutive years, but only a single bird was observed throughout the breeding season in 2017 with no activity around the nest box.

First nesting attempted: 2006

Total young produced: 20

NB-Belterra Casino, Florence, Switzerland County, Indiana. Stan Tressler again reports falcons observed in early part of season, but none beyond early April.

First nesting attempted: 2009

Total young produced: 0

NB-Ohio Valley Power Clifty Creek Station, Madison, Jefferson County, Indiana. Workers reported a single falcon in early April, but the nest box showed no signs of use on April 10, 2017.

NB-BP Amoco, Whiting, Lake County, Indiana. Workers at the plant reported falcons observed on occasion, but nest site not known.

First nesting attempted: 2004

Total young produced: 24

[US Steel (Steel Producing Building), Gary, Lake County, Indiana. No activity observed in 2017.

First nesting attempt: 2012

Total young produced: 10]

[Bank Building, Evansville, also called 410 Main Building, Vanderburgh County, Indiana. No activity observed in 2017.]

OHIO

Laura Kearns of Ohio DNR provided information for 2017 Peregrine nesting in Ohio.

The peregrine falcon (*Falco peregrinus*) was taken off Ohio's lists of threatened and endangered species in July 2015. As part of a post-delisting phase, ODNR Division of Wildlife staff and volunteers are monitoring a subset of falcon nests every other year until 2020. 2017 was an "off" year for monitoring, so information is not complete.

Ohio had approximately 15 reported on nesting pairs in 2017 although there were many previously known sites for which there was no information.

SP-J.M. Stuart Power Plant, Aberdeen, Brown County, Ohio. Active, three chicks hatched in 2017.

SP-Rhodes State Office Tower, Columbus, Franklin County, Ohio. Four young fledged in 2017.

SP-Liberty Bank Tower, Dayton, Montgomery County, Ohio. Four young fledged in 2017.

SP-Ironton-Russel Bridge, Ironton, Lawrence County, Ohio. One young fledged in 2017.

SP-Killen Power Station, Wrightsville, Adams County, Ohio. Three fledged from this site in 2017.

SP-Miami Ft. Station Cinergy, Cleves, Hamilton County, Ohio. Four young fledged from this site in 2017.

LE-PNC Bank/Chemed Center, Cincinnati, Hamilton County, Ohio. Active but nest moved to different building in 2017.

LE-Hilliard Road Bridge, Lakewood, Cuyahoga County, Ohio. Active in 2017; productivity unreported.

LE-Terminal Tower, Cleveland, Cuyahoga County, Ohio. Active in 2017; productivity unreported.

LE-University of Toledo, Toledo, Lucas County, Ohio. Active in 2017; productivity unreported.

LE-Bank One (Chase Bank), Lima, Allen County, Ohio. Active in 2017; productivity unreported.

LE-Bank One (Chase Bank), Canton, Stark County, Ohio. Active in 2017; productivity unreported.

LE-Wood County Courthouse (AKA Downtown Bowling Green to include BGSU), Bowling Green, Wood County, Ohio. Active in 2017.

LE-Warren Water Tower, Trumbull County, Warren, Ohio. Active in 2017; productivity unreported.

LE-Landmark Building (AKA Downtown Akron), Akron, Summit County, Ohio. Active in 2017; productivity unreported.

LE-I-80 Turnpike Bridge, Boston, Summit County, Ohio. Active in 2017; productivity unreported.

No activity reported for 2017.

[Hope Memorial, Cleveland, Cuyahoga County, Ohio.]

[St Ignatius Church, Cleveland, Cuyahoga County, Ohio]

[Cleveland Clinic, Cleveland, Cuyahoga County, Ohio.]

KANSAS

SP-Kansas City Power and Light (now known as Westar Energy Building), Topeka, Kansas. Two young, Moose and Salvy, were produced and banded in early June 2017.
<https://www.kwch.com/content/news/Westar-Energy-425543694.html>.

MISSOURI

Jeff Meshach, Assistant Director of the World Bird Sanctuary in Valley Park, Missouri, and Joseph DeBold, Urban Wildlife Biologist, Missouri Peregrine Falcon Recovery Leader, Kansas City Region, Missouri Department of Conservation, submitted the information for this report.

For the area, 2017 saw 16 chicks banded at five different nests. There was one new site, and staff wasn't able to access two other nests because of logistical issues, three chicks from one of these nests were banded post fledging.

SP-Portage de Sioux Power Plant, St Charles, St Charles County, Missouri. Five young, three males and two females, were banded on May 18, 2017. Same female, b/g *D/8V Lizard, a 2006 hatch from Palisade Head in Minnesota, was present along with a male called b/g D/53 Tsunami, a 2004 hatch from New Madrid Power Plant in Missouri..

First year nesting attempted: 2011

Total young produced: 24

SP-Ameren's Rush Island Energy Center, Jefferson County, Missouri. Elevator out of service until it was too late to band. Three chicks fledged.

First year nesting attempted: 2016

Total young produced: 5

SP-AT&T (previously SWB) Downtown St. Louis, St. Louis, Missouri. Three female chicks were banded on July 5, 2017. The adult female was identified as b/r 95/S Cyclone, 2011 hatch from Lake City, MN.

First year nesting attempted: 1991

Total young produced: 5
(not accurate count)

SP-Washington University Medical School, St. Louis County, Missouri. Three of four chicks produced were banded post-fledging.

First year nesting attempted: 2008

Total young produced: 22

SP-Ameren's Labadie Energy Center, Labadie, Franklin County, Missouri. One female chick banded on May 10, 2017.

First year nesting attempted: ?

Total young produced: 1?

SP-Point 400 Building Downtown St. Louis, St. Louis County, Missouri. Four chicks, three females and one male were banded on May 16, 2017.

First year nesting attempted: 2016

Total young produced: 4

Following information on Kansas City Sites provided by Joe DeBold.

SP-Kansas City Power & Light - IATAN Generating Station, Weston, Platt County, Missouri. Three males were banded on May 17, 2017.

SP-Kansas City Power and Light - Sibley Generating Station, Sibley, Jackson County, Missouri. Four chicks, two males and two females were banded on May 18, 2017.

SP-American Century Investments, Missouri. Three chicks, two females and a male were banded on May 23, 2017.

SP-Kansas City Power and Light - Hawthorn Generating Station, Jackson County, Missouri. A single male chick was banded on June 2, 2017.

LE-Interco Building (also 101 S. Hanley, St. Louis County, Missouri). Eggs blown out of nest during a windstorm.

KENTUCKY

Kate Slankard, Avian Biologist, Nongame Branch, Kentucky Department of Fish and Wildlife Resources, supplied the information for this report. Forty-two birds produced in 2017.

SP-Carrollton (US-42) Bridge, Kentucky. One young fledged in 2017.

SP-Downtown Louisville- K & I Railroad Bridge, Kentucky. Two young observed to fledge from this railroad bridge in 2017.

SP-KU Ghent Power Station, Ghent, Carroll County, Kentucky. Three males and two females were banded on May 19, 2017. Two chicks died in nest.

First year nesting attempted: 2001

Total young produced: 62

SP-Milton-Madison (US 421) Bridge, Madison, Indiana / Milton, Trimble County, Kentucky. Two females were banded on May 4, 2017.

First year nesting attempted: 2003

Total young produced: 43

SP-EKPC Spurlock Power Station, Maysville, Mason County, Kentucky. Two females and one male were banded June 12, 2017.

First year nesting attempted: 2007

Total young produced: 28

SP-Duke Energy East Bend Station, Boone County, Kentucky. Four young, three males and one female were banded on May 19, 2017.

First year nesting attempted: 2009

Total young produced: 21

SP-Carmeuse Natural Chemicals/Lime and Stone, Pendleton County, Kentucky. Adults are unknown. Three chicks produced at this site, but the site was not accessible to band.

First year nesting attempted: 2010

Total young produced: 21

SP-Gallatin Steel Gallatin County, Kentucky. (NEW SITE 2017). Four young fledged in 2017.

First year nesting attempted: 2017

Total young produced: 4

SP-LG&E Mill Creek Power Station, Jefferson County, Kentucky. Both adults unbanded. Three chicks, two females and one male were banded May 22, 2017.

First year nesting attempted: 2007

Total young produced: 32

SP-LG&E (Trimble Co) Power Station, Bedford, Trimble County, Kentucky. Five chicks were banded on May 18, 2017; one was injured and lost shortly after fledging.

First year nesting attempted: 1999

Total young produced: 51

SP-Downtown Lexington (Lexington First National Bank & Central Bank Buildings), Fayette County, Kentucky. Four chicks, three males and one female banded on May 19, 2017.

SP-LG&E Cane Run Power Station, Jefferson County, Kentucky. Two females and one male were banded on May 18, 2017.

First year nesting attempted: ?

Total young produced: 3

SP-Undisclosed quarry site in Franklin County. Female is b/g 68/Y (editor's note: no b/g 68/y in database)) and male is b/g C/19 Spark, a 2008 fledge from an unspecified site, according to information in the database. One chick was observed to have fledged in 2017.

First year nesting attempted: 2011

Total young produced: 4

SP-Dix River (Cliff Site). Mercer County. (NEW SITE 2017). Two young observed to fledge in 2017.

First year nesting attempted: 2017

Total young produced: 2

ONTARIO

Brian Ratcliff of Project Peregrine provided this report

Since 1996, Project Peregrine has been undertaking the monitoring of Peregrine Falcons (*Falco peregrinus*) within the Ontario portion of the Lake Superior Basin, and in northwestern Ontario.

In 2017, there were 50 active peregrine falcon territories recorded. The 50 territories represented 34 territorial pairs and 16 single adults on territory. The 34 territorial pairs consisted of 12 successfully breeding pairs that fledged 18 chicks (chicks over 24 days old), 11 pairs where nesting was confirmed, and 11 pairs where nesting was not confirmed. The low number of chicks produced and fledged was probably due to a severe ice storm on April 27. A thick coating of ice and ice pellets (10 cm) was laid down when these birds were already incubating eggs.

The banding team started banding on June 7, and ended on June 28, visiting 7 sites. A total of 11 chicks (5 males and 6 females) were banded. This was the second lowest number of chicks banded (2012-10 chicks banded) since we started banding in 1996.

Project Peregrine has now banded 600 chicks (all at cliff sites) since 1996.

SP-Nipigon Bay Lookout (Thunder Bay 010). Three chicks about 12 days old were observed from the helicopter on June 12. Banding took place on June 23, 2017, and only one female chick was found on the nest ledge.

Year territory occupied: 1998 First nest attempt: 2010 Young produced: 8

SP-Arrow Lake West End (Thunder Bay 052). On June 22, 2017, the banding team banded three chicks (2 males, 1 female).

Year territory occupied: 2004 First nest attempt: 2005 Young produced: 20

SP-Kama Bay (Thunder Bay 003). One female chick was banded on June 23, 2017.

Year territory occupied: 1995 First nest attempt: 2001 Young produced: 26

SP-Arrow Lake Provincial Park (Thunder Bay 055). One female chick was banded on Jun 25, 2017.

Year territory occupied: 2004 First nest attempt: 2005 Young produced: 15

SP-Ouimet Canyon Provincial Park (Thunder Bay 072). On June 12, two chicks about 10 days old were observed during the helicopter survey on the nest ledge between the two viewing pods. Banding took place on June 27, 2017 and one male chick was banded.

Year territory occupied: 2009 First nest attempt: 2011 Young produced: 4

SP-Squaretop Mountain (Thunder Bay 023). Two female chicks were banded on June 28, 2017.

Year territory occupied: 1997 First nest attempt: 1997 Young produced: 43

SP-Fluor Island (Thunder Bay 094). (NEW SITE in 2017). During the Thunder Bay Field Naturalists outing to Bowman Island on July 4, a pair of adults and one feathered chick were observed on the west side of Fluor Island. The nest was about 7 metres off the water. There have been adult birds observed at Moss Island, about 1.5 km to the west over the past few years. (1)

Year territory occupied: 2017 First nest attempt: 2017 Young produced: 1

SP-Robertson Lake (Algoma 005). Two fledged young reported on August 5, 2017.

Year territory occupied: 1997 First nest attempt: 1997 Young produced: 14

SP-McKellar Point, Lake Superior (Thunder Bay 063). One chick was observed from the helicopter on June 12, 2017.

Year territory occupied: 2007 First nest attempt: 2007 Young produced: 5

SP-Old Woman Bay, Lake Superior Provincial Park (Algoma 004). One adult on June 18. Two birds were seen flying, one was a fledged young but the second was not identified to age.

Year territory occupied: 1998 First nest attempt: 1998 Young produced: 37

SP-Cap Chaillon, Lake Superior Provincial Park (Algoma 013). One fledged young seen on July 17, 2017.

Year territory occupied: 2004 First nest attempt: 2004 Young produced: 6

SP-Devil's Warehouse Island, Lake Superior Provincial Park (Algoma 003). Two young about 24 – 26 days old seen on ledge.

Year territory occupied: 1993 First nest attempt: 1993 Young produced: 46

SP-2 Km East of Steel River Mouth, Lake Superior (Thunder Bay 087). In early August, Monica Holenstein and Bryan Loop observed three birds flying, one adult, one fledged chick, and an unknown third bird.

Year territory occupied: 2013 First nest attempt: 2014 Young produced: 4

SP-Mink Bay (Thunder Bay 007). The nest with two chicks about 10 days old was observed by helicopter on June 12, 2017. (Editor's note: Owing to age, Brian rates this one 0 produced, however, it will be recorded as two produced as they have a good record).

Year territory occupied: 1998 First nest attempt: 2000 Young produced: 19

LE-Caribou Island (Thunder Bay 001). Three chicks about 16-18 days old were observed during the helicopter flight on June 12. At banding time there were two, and a week later they were all gone – Nest failed.

Year territory occupied: 2000 First nest attempt: 2001 Young produced: 16

LE-Squaw Bay (Thunder Bay 024). One egg observed on 12 June; checked again on June 29 and July 3rd – no sign of young or adults.

Year territory occupied: 1997 First nest attempt: 1998 Young produced: 41

LE-Mt. McRae (Thunder Bay 009). Three chicks about 14 days old observed on June 24, 2017. A week later, all three were dead – persistent heavy rains and fog in area.

Year territory occupied: 1996 First nest attempt: 1996 Young produced: 58

LE-Coppercliff Road West (Thunder Bay 002). Three chicks about 10 days old were found during the June 12, 2017 helicopter flight; ground crew checked on June 26 and no chicks were found.

Year territory occupied: 1999 First nest attempt: 2000 Young produced: 31

LE-Black Sturgeon Road, Hurkett-Claghorn (Thunder Bay 078). Three eggs found on helicopter survey on June 12, 2017.

LE-Simon's Harbour, Pukaskwa National Park (Thunder Bay 088). Incubating female seen on June 12, 2017. No activity found on June 21 and July 21.

Year territory occupied: 2013 First nest attempt: 2016 Young produced: 1

LE-Otter Cove, Pukaskwa National Park (Thunder Bay 090). There was a pair observed on May 26. One adult was present on June 21. On July 20, a pair was observed and vocal young were heard from a new nest ledge.

Year territory occupied: 1995 First nest attempt: 2001 Young produced: 5

LE-Point la Canadienne, Pukaskwa National Park (Thunder Bay 018). Park staff found no activity on May 25. On June 21, a nest with two still downy chicks

(about 20 days) were observed. Only one adult was observed on July 20.

Year territory occupied: 1999 First nest attempt: 2009 Young produced: 2

LE-South end of Long Lake (Thunder Bay 079). Ray Tyhuis was on site July 17 and saw a pair of birds and believes there were young present.

Year territory occupied: 2008 First nest attempt: 2015 Young produced: 2

Non Breeding Pairs in 2017

Little Pic River -North of Hwy 17 (Thunder Bay 091) (TP)
 Cape Victoria (Thunder Bay 050) (TP)
 Red Sucker Cove (Thunder Bay 006) (TP)
 Beaver Rock, Lake Superior Provincial Park (Algoma 012) (TP)
 Fort Frances, Rainy Lake Noden Causeway (Rainy River 002) (TP) New Site in 2016
 Havilland Bay (Algoma 001) (TP)
 East Michipicoten Bay (Algoma 024) (TP)
 Sleeping Giant Provincial Park- The Chest (Thunder Bay 037) (TP)
 Noisy Bay, Lake Superior Provincial Park (Algoma 030) (TP)
 Awausee (Agawa River) Lake Superior Provincial Park (Algoma 031) (TP)
 North Cascade, Pukaskwa National Park (Thunder Bay 092) (TP)

One or more birds present with no sign of breeding – occupied territories We rate these as NB also

Oliver Creek Road (Thunder Bay 054) (OT)
 Ruby Lake (Thunder Bay 053) (OT)
 Thunder Cape Sleeping Giant Provincial Park (Thunder Bay 026) (OT)
 Sturgeon Bay Road Farm (Thunder Bay 068) (OT)
 Mount McQuaig (Thunder Bay 076) (OT)
 Finger Point, Lake Superior (Thunder Bay 061) (OT)
 Atikokan, Steep Rock Mine (Rainy River 001) (OT)
 Till Creek, north of Bushy Bay, Lake Superior Provincial Park (Algoma 021) (OT)
 Beauvier Point, Lake Superior Provincial Park (Algoma 028) (OT)
 Point Isacor (Thunder Bay 046) (OT)
 Agawa Rock Pictographs, Lake Superior Provincial Park (Algoma 022) (OT)
 Sault Ste. Marie (Algoma 006) International Bridge (OT)
 Pukaskwa Point (Thunder Bay 019) (OT)
 Otter Island, Pukaskwa National Park (Thunder Bay 038) (OT)
 Playter Harbour, Pukaskwa National Park (Thunder Bay 095) (OT) NEW SITE IN
 2017

No sightings on numerous other sites – see full report loaded on MPS website – midwestperegrine.umn.edu.

MANITOBA

No data for 2017.

2017 Figures

Figure 1.

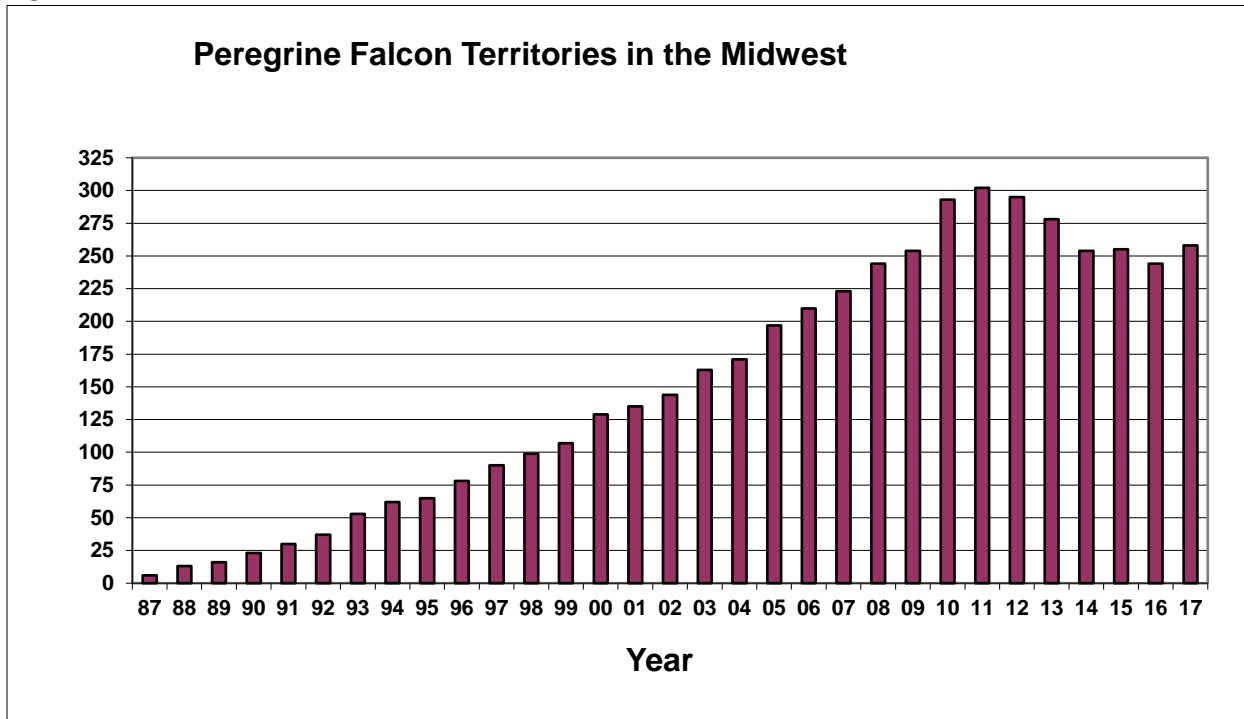


Figure 2.

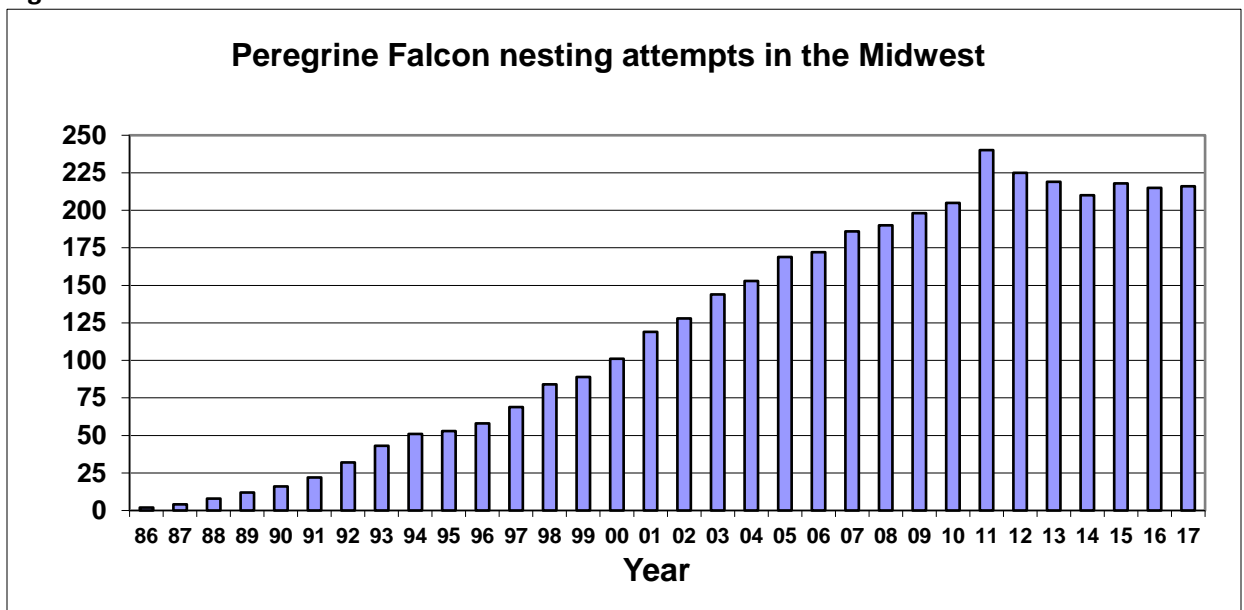


Figure 3.

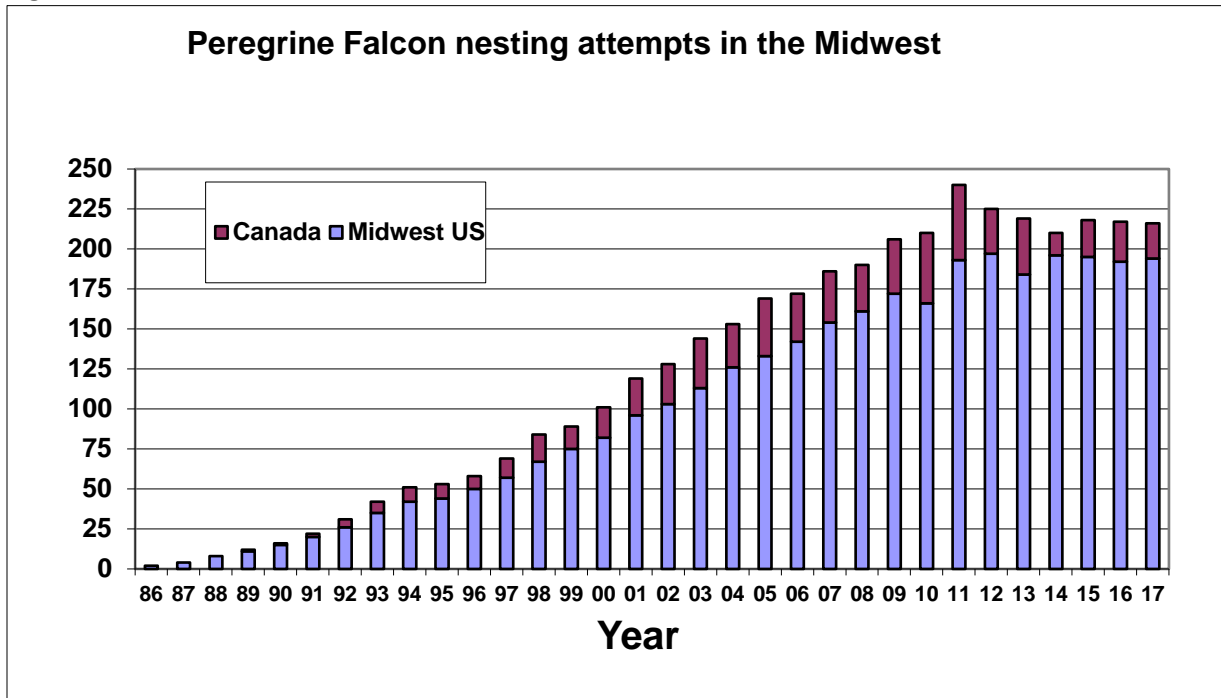


Figure 4.

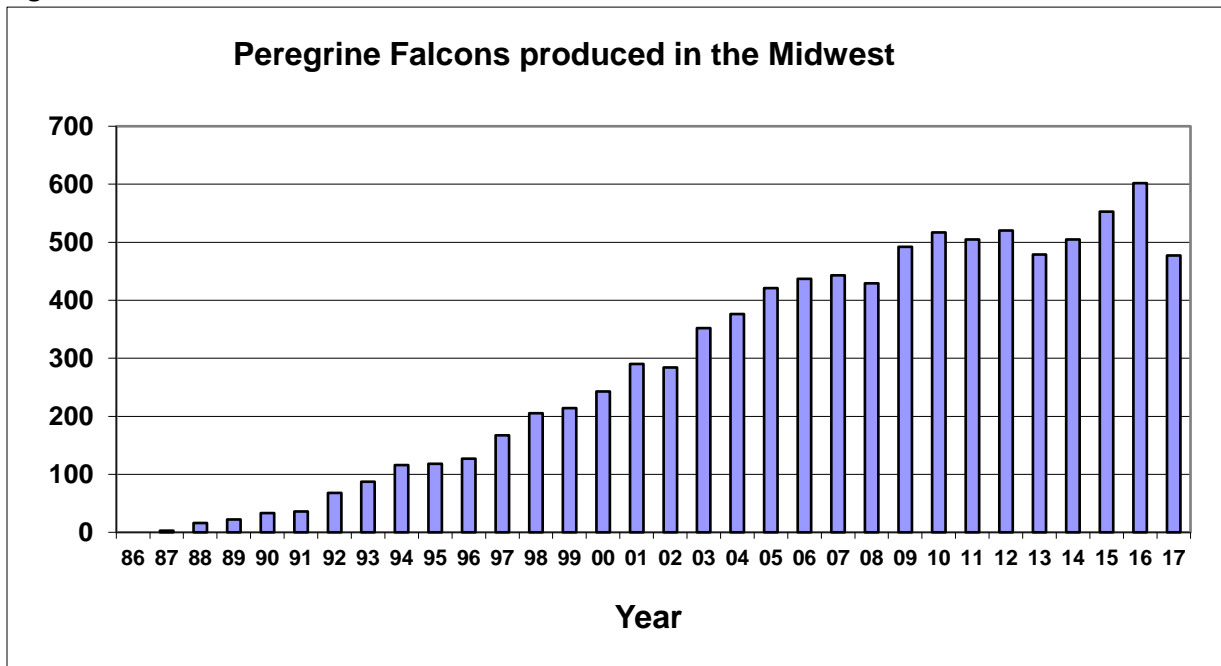


Figure 5.

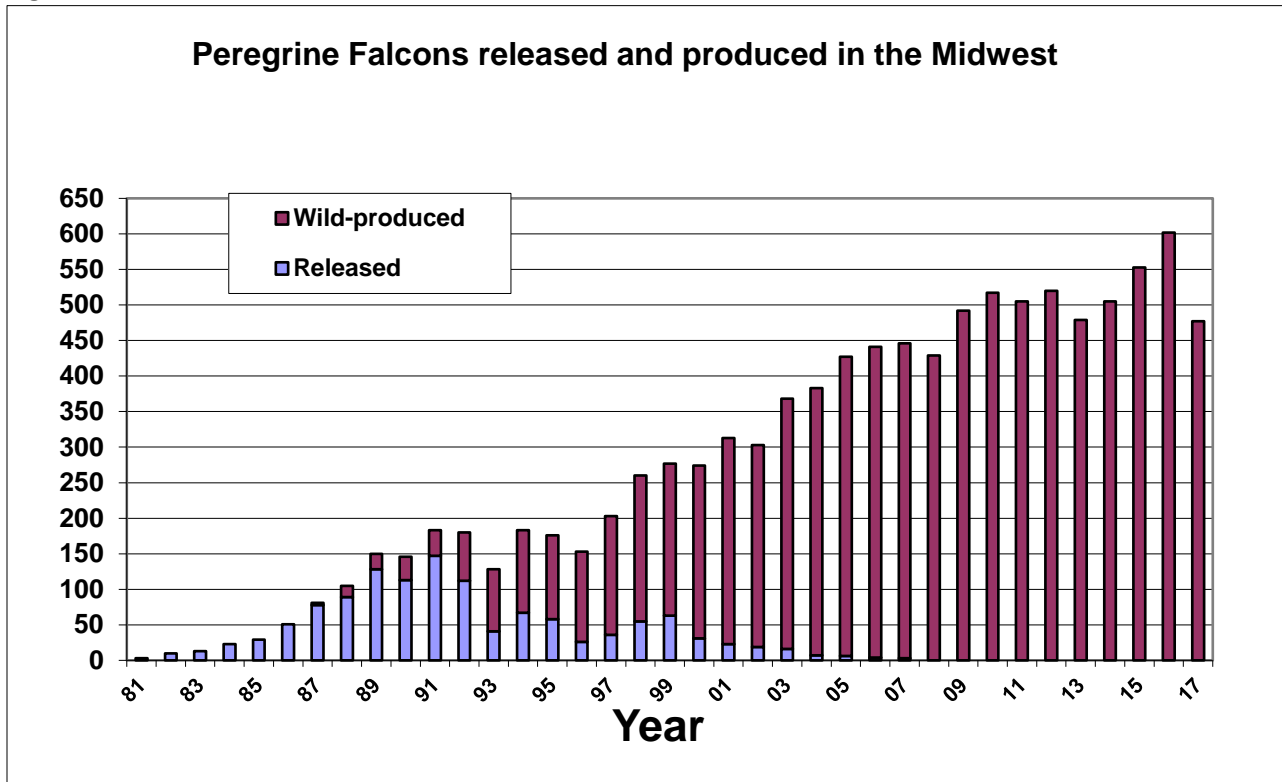


Figure 6.

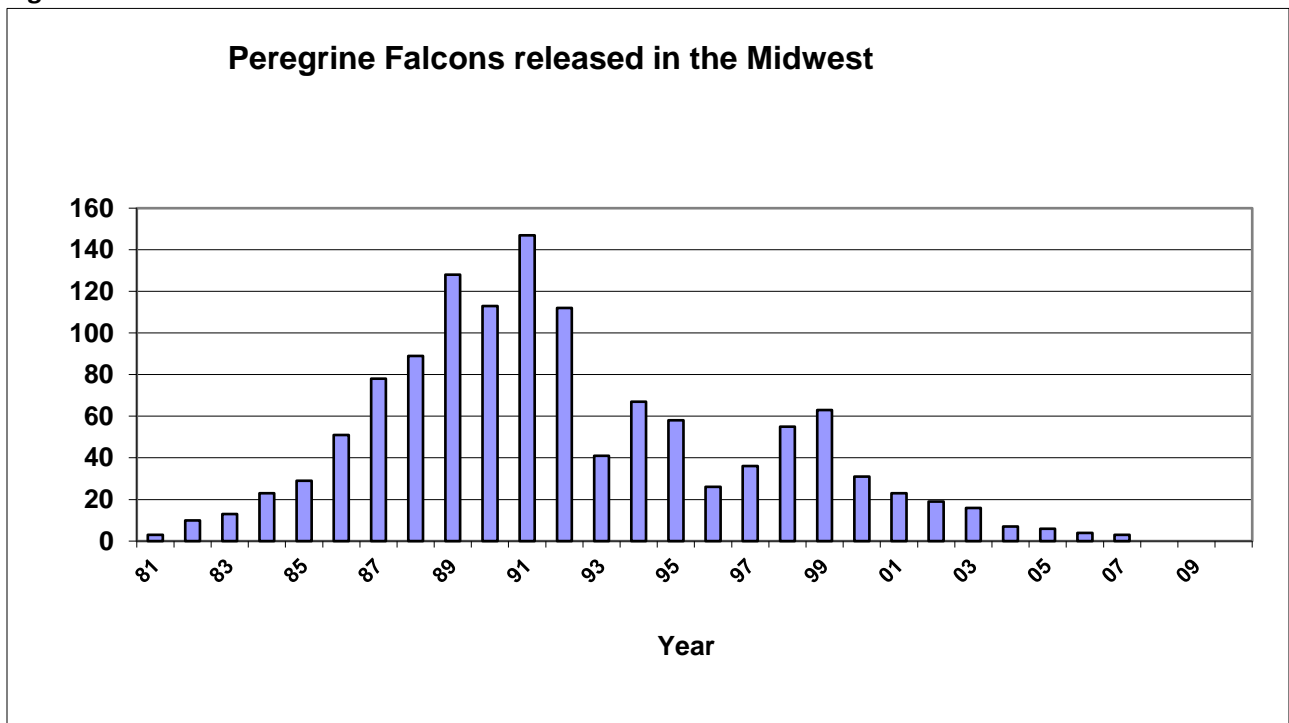


Figure 7.

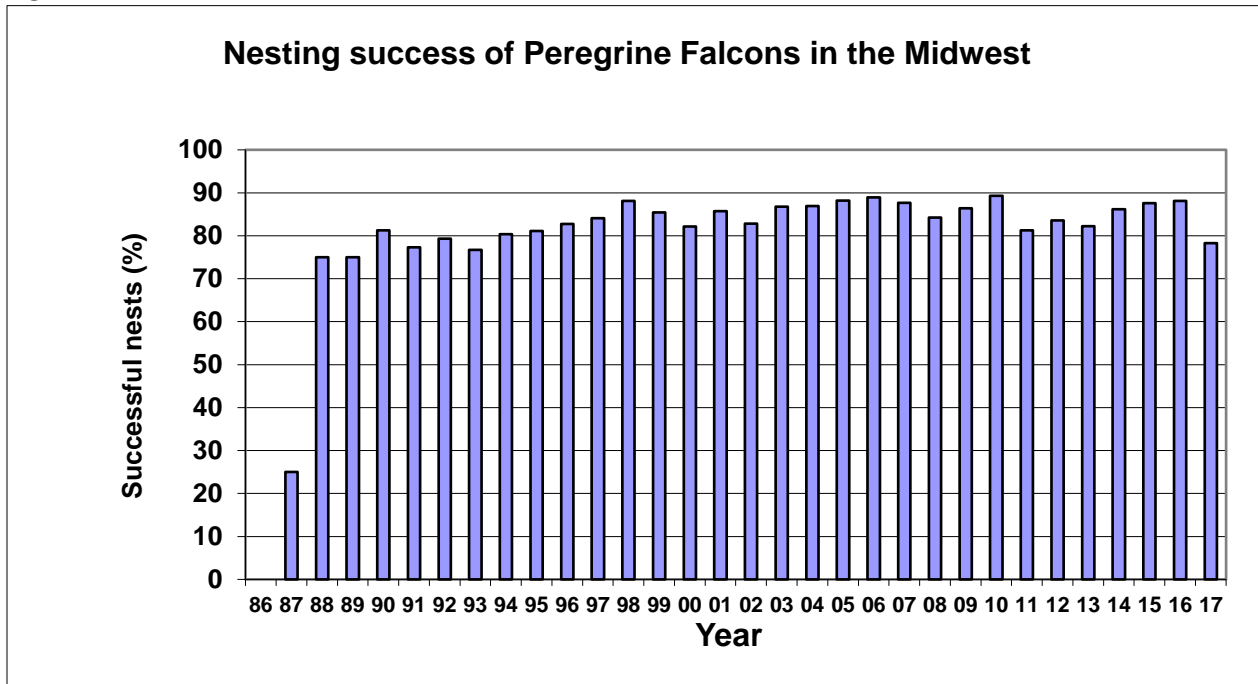


Figure 8.

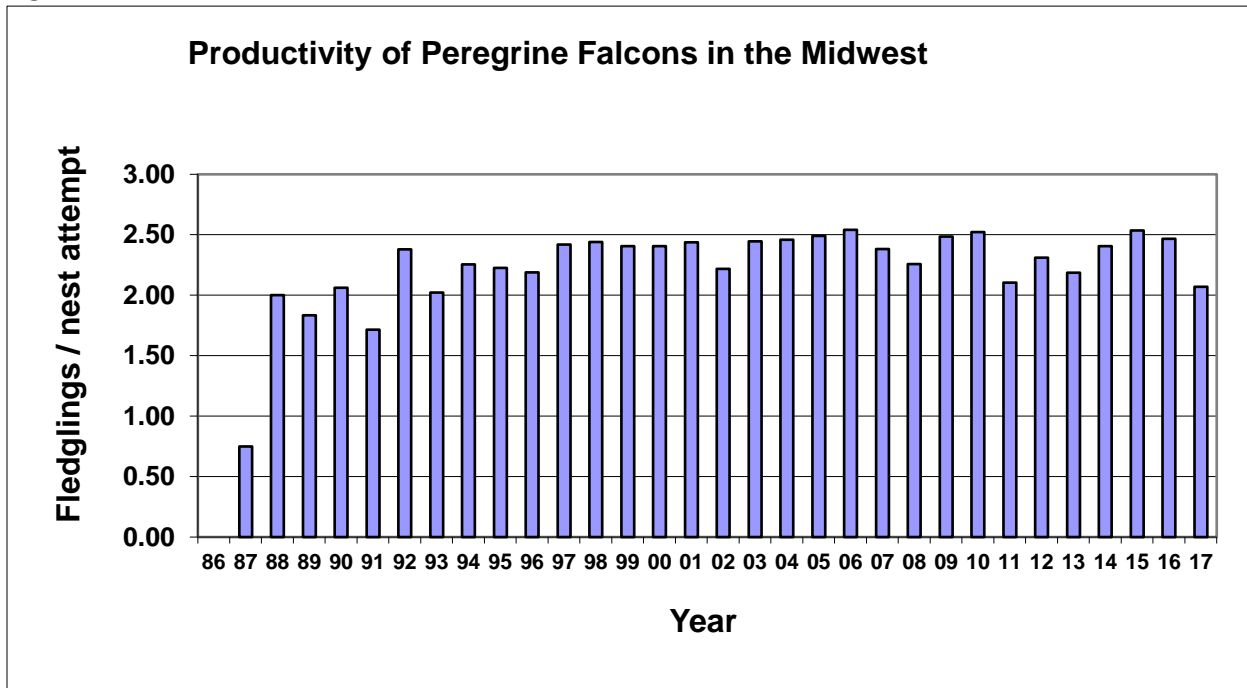


Figure 9.

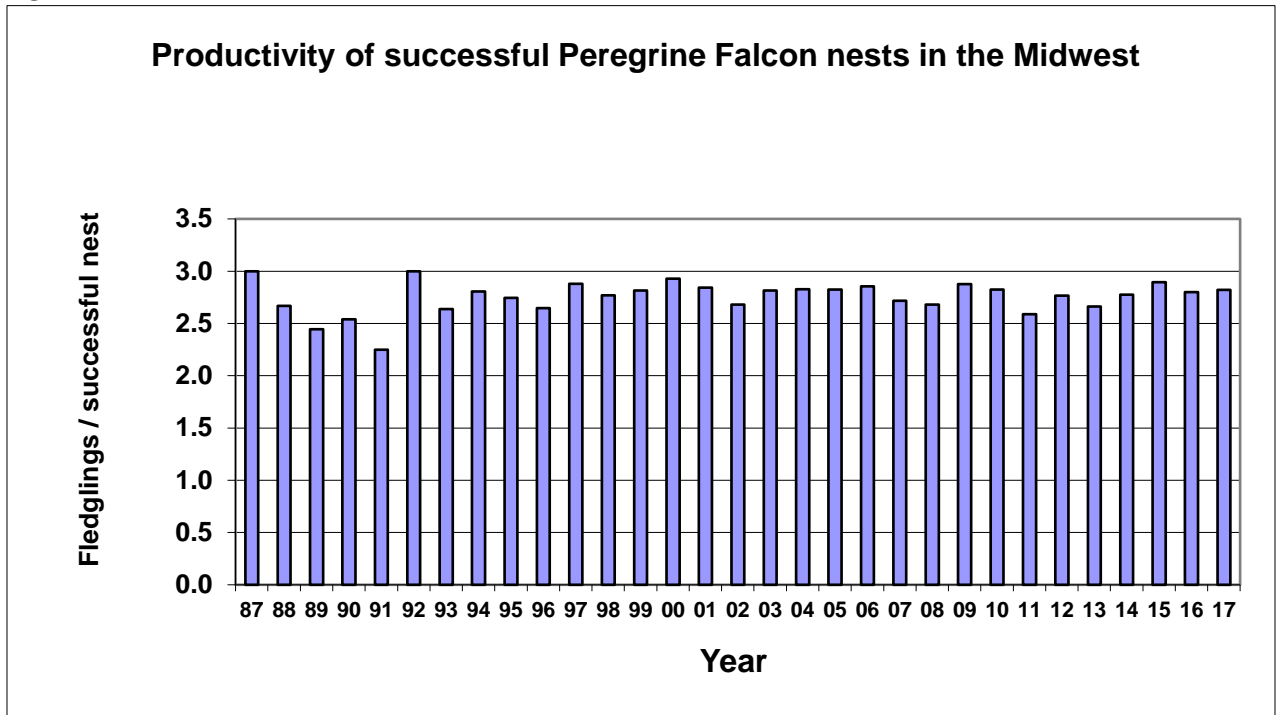


Figure 10.

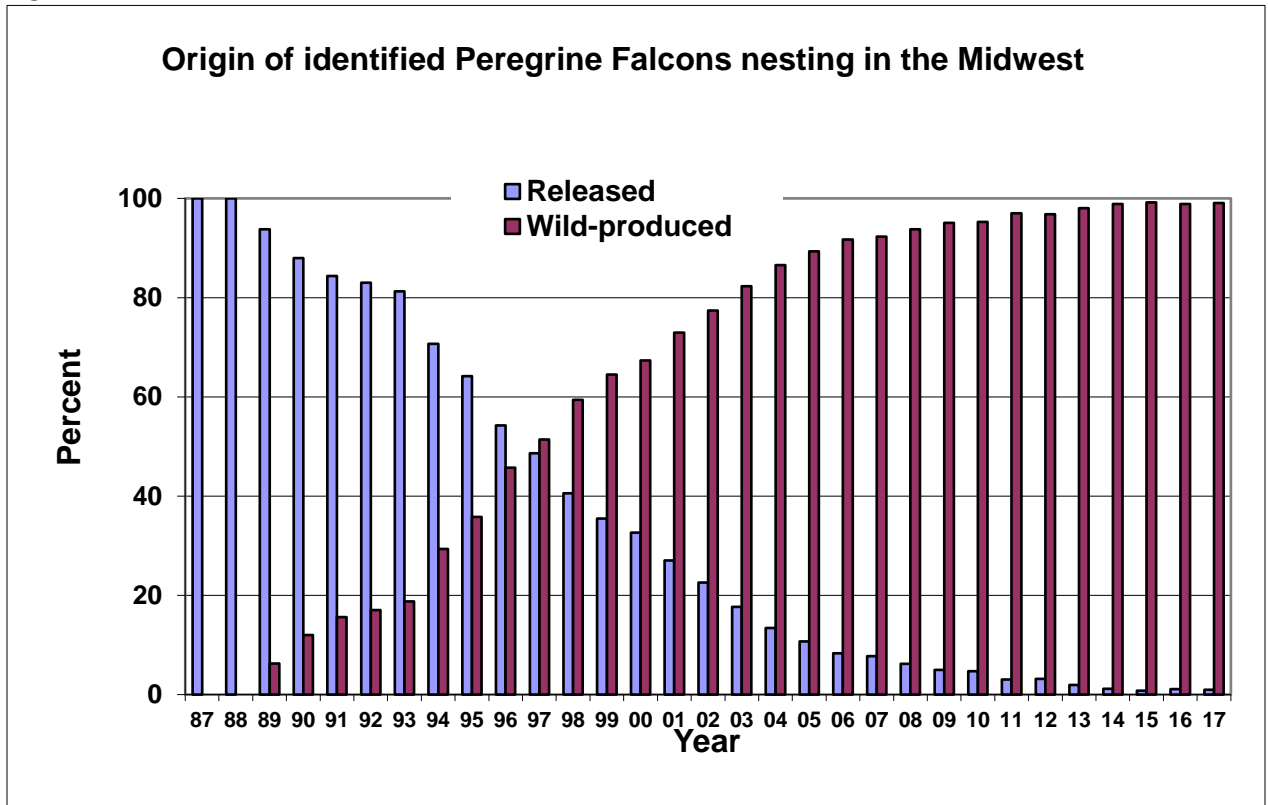


Figure 11.

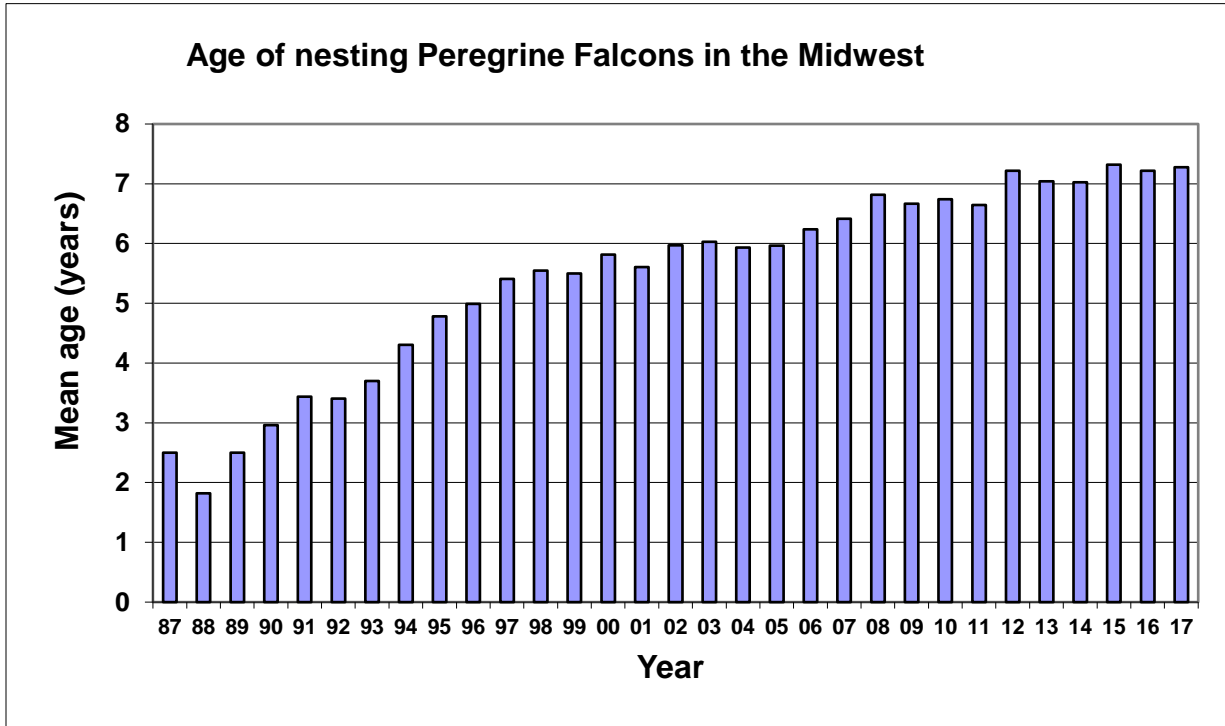


Figure 12.

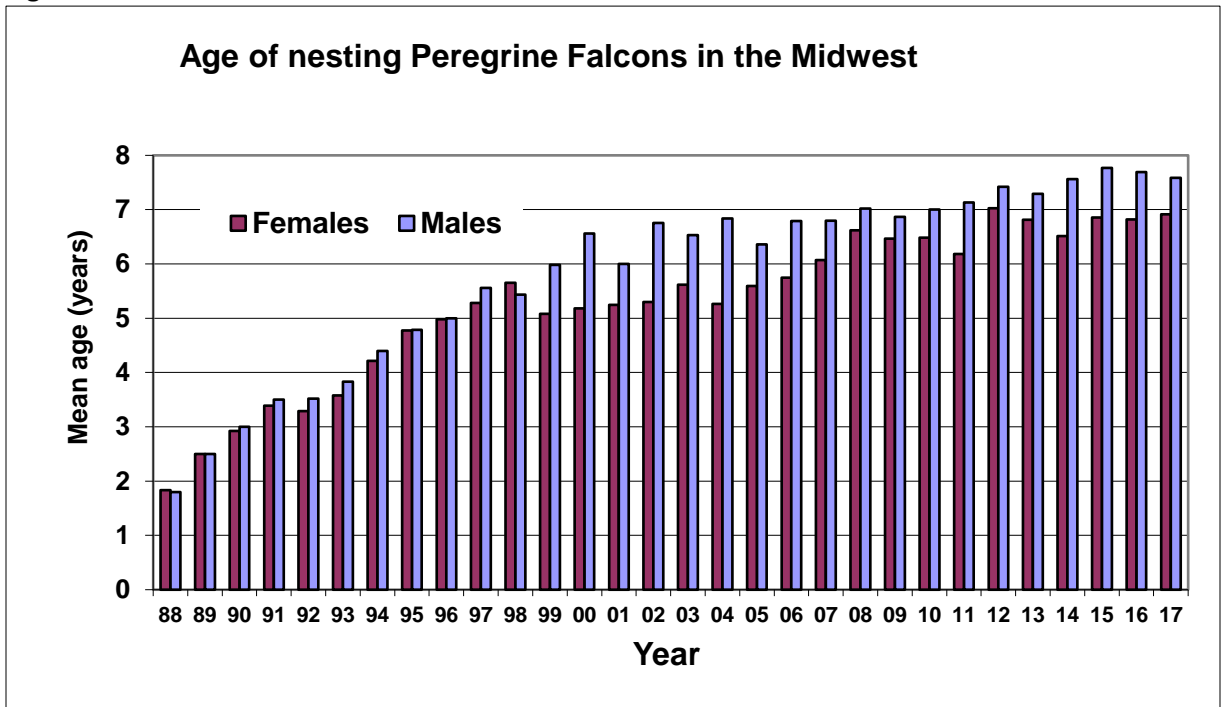


Figure 13.

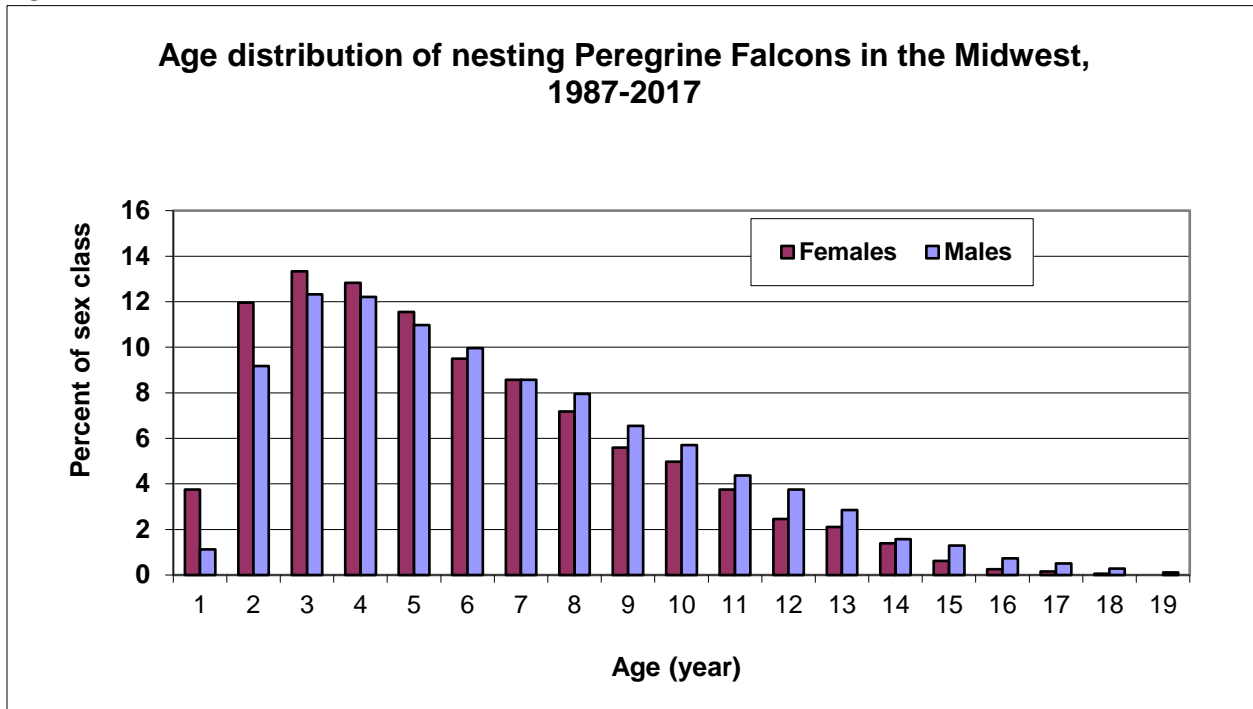


Figure 14.

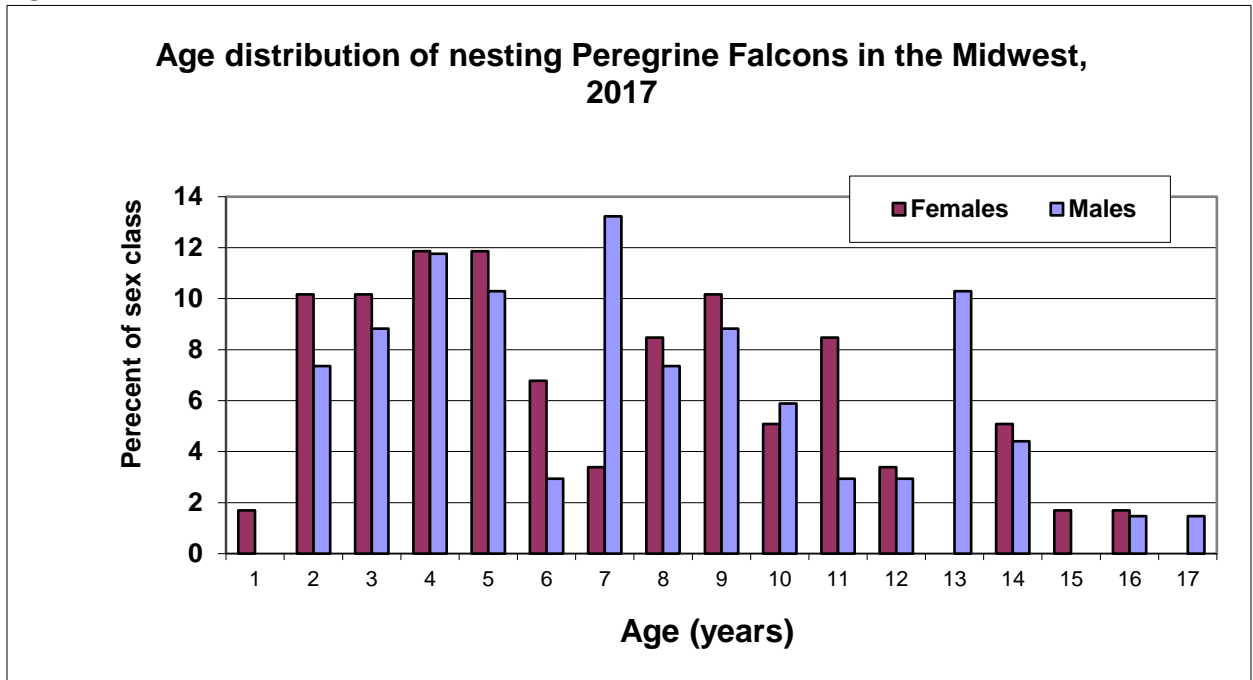


Figure 15.

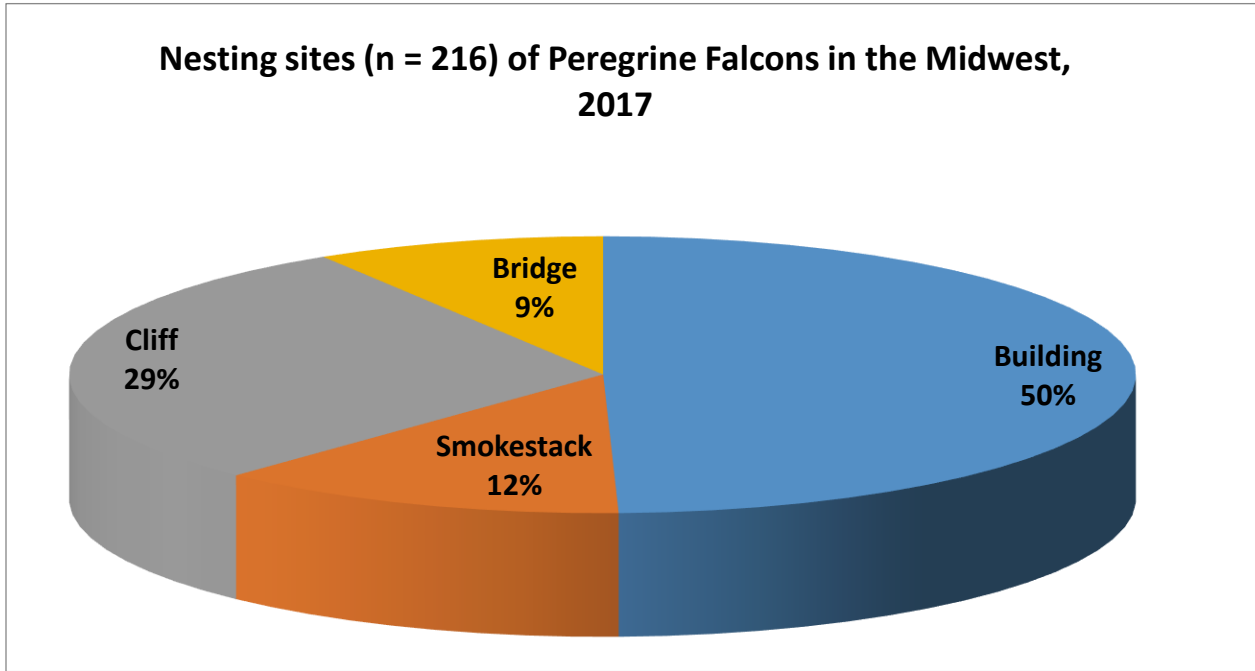


Figure 16.

