

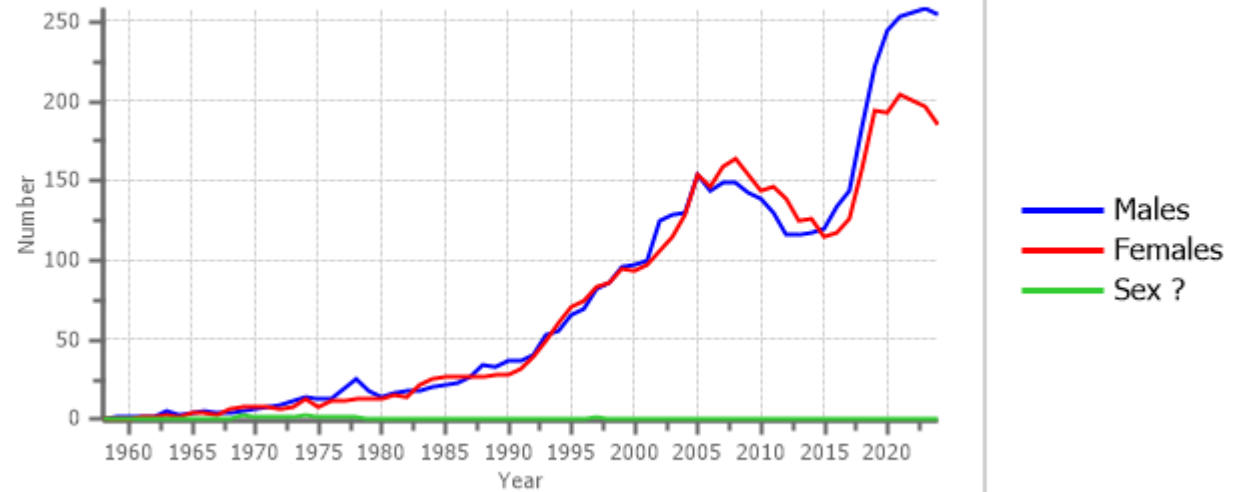
Mexican Wolf Demographic and Genetic Status 2025



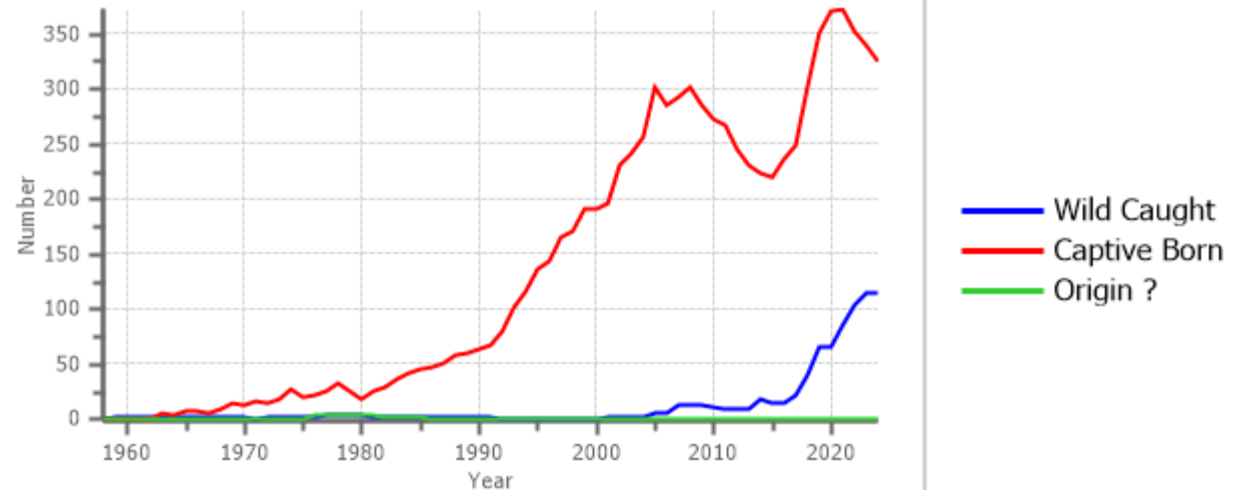
Mexican Wolf Demographic and Genetic Status

Census

By Sex

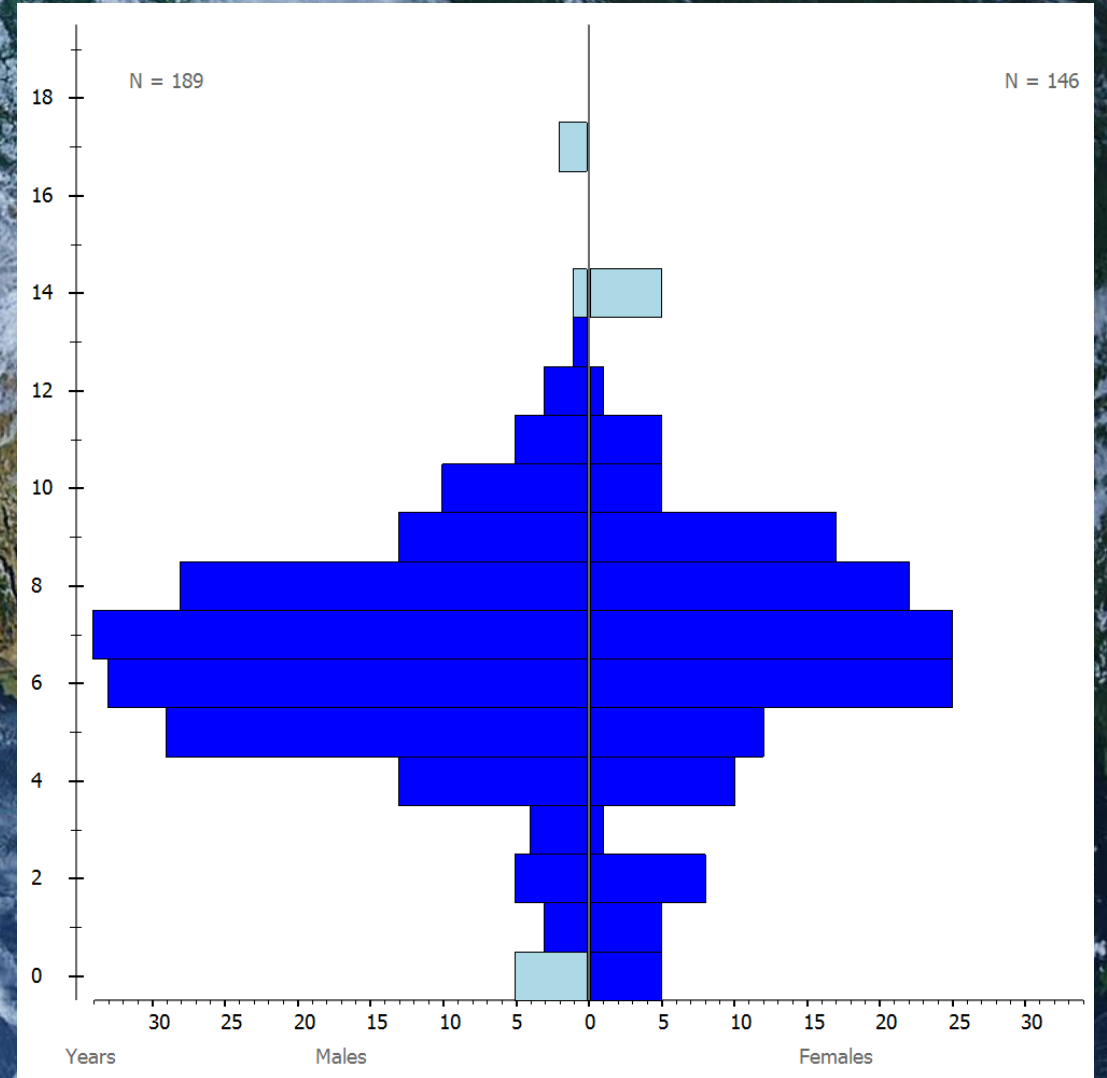


By Origin



Mexican Wolf Demographic and Genetic Status

Age Pyramid of Ex Situ
Population 2025



Mexican Wolf Demographic and Genetic Status

Ex Situ Population Genetics
Captive Population

	2025	2024	2023
# of Founders	7	7	7
Founder Genome Equivalents (FGE)	2.84	2.84	2.85
Gene Diversity (GD) Retained (%)	82.41	82.42	82.44
Population Mean Kinship (MK)	0.1759	0.1758	0.1760
Mean Inbreeding (F)	0.1536	0.1536	0.1513
% Pedigree Known	99.4	100	99.2
N_e/N	0.1502	0.1554	0.1528

Mexican Wolf Demographic and Genetic Status

Ex Situ Population
Genetics Captive
Population

	2025	2024	2023	2022	2020	2019	2018	2017	2016
Population Size	335	344	356	366	385	389	369	317	281
Number of Founders	7	7	7	7	7	7	7	7	7
Founder Genome Equivalents (FGE)	2.84	2.84	2.85	2.85	2.87	2.87	2.89	2.89	2.94
Gene Diversity (GD) Retained (%)	82.41	82.42	82.44	82.48	82.49	82.59	82.68	82.70	83.00
Population Mean Kinship (MK)	0.1759	0.1758	0.1760	0.1764	0.1764	0.1760	0.1732	0.1730	0.1700
Mean Inbreeding (F)	0.1536	0.1536	0.1513	0.1494	0.1468	0.1456	0.1406	0.1379	0.1358
% Pedigree Known	99.4	100	99.2	99.2	97.7	98.7	98.1	98.1	98.1

Mexican Wolf Demographic and Genetic Status

Population Genetics

Wild Population 2025

Blue Free	2025	2024	2023	2022	2021	2020	2019
Founder Genome Equivalents (FGE)	2.08	2.09	2.09	2.10	2.10	2.06	1.97
Gene Diversity (GD) Retained (%)	75.96	76.08	76.09	76.20	76.23	75.69	74.59
Population Mean Kinship (MK)	0.2404	0.2392	0.2391	0.2380	0.2377	0.2431	0.2541
Mean Inbreeding (F)	0.2146	0.2141	0.2114	0.2090	0.2062	0.2030	0.2190

Mexican Wolf Demographic and Genetic Status

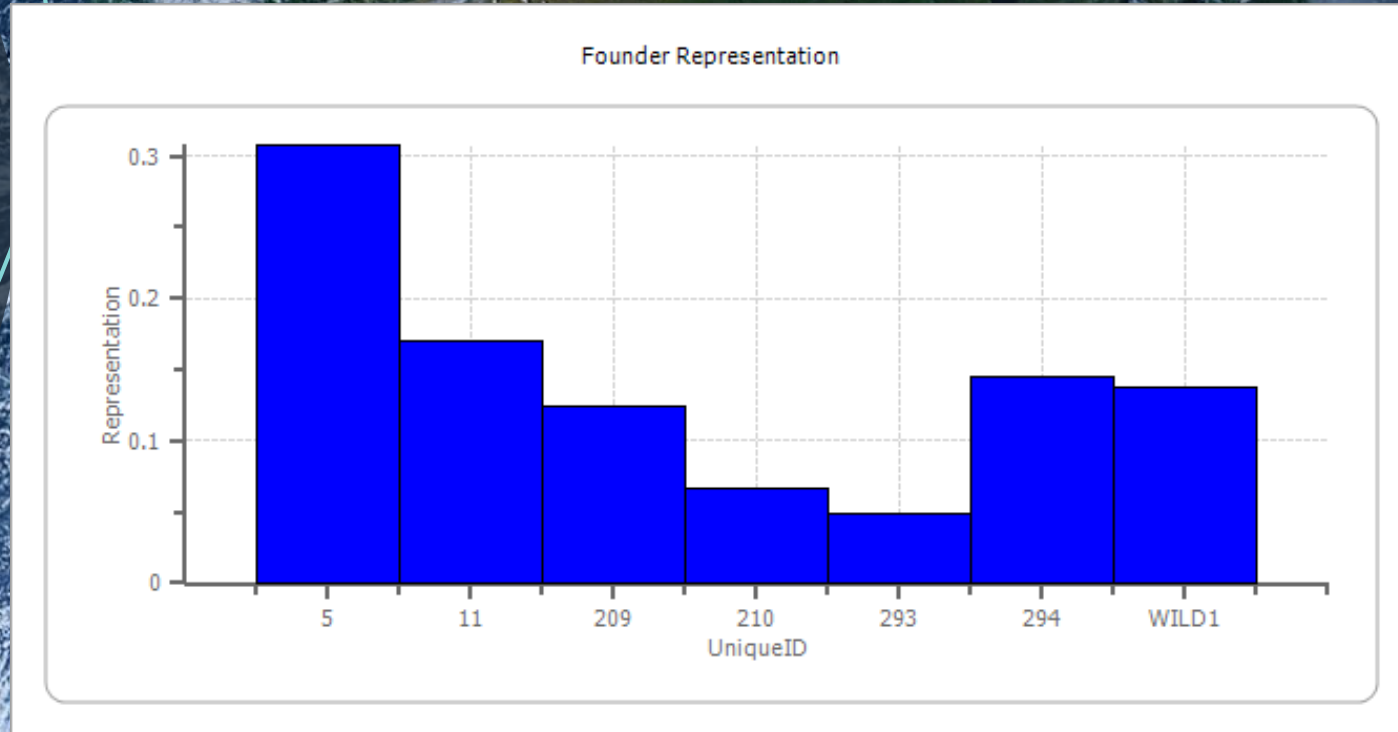
Population Genetics

Populations 2025

	Total Ex Situ*	US Ex Situ*	Mexico Ex Situ*	Blue Free	Total Pop
Founder Genome Equivalents (FGE)	2.84	2.71	2.49	2.08	2.79
Gene Diversity (GD) Retained (%)	82.41	81.54	79.93	75.96	82.06
Population Mean Kinship (MK)	0.1759	0.1846	0.2007	0.2404	0.1794
Mean Inbreeding (F)	0.1536	0.1537	0.1534	0.2146	0.1699

Mexican Wolf Demographic and Genetic Status

Population Genetics
Captive Population



Mexican Wolf Demographic and Genetic Status

Population Genetics

Wild Population 2025

Lineage	Founders	Total Ex Situ	US Ex Situ	Mexico Ex Situ	Blue Free	Total Pop
McBride	5	30.76	32.47	27.56	38.40	32.83
	11	17.01	17.64	15.85	20.47	17.95
	WILD	13.75	14.83	11.71	17.92	14.88
Aragon	209	12.37	10.74	15.43	4.83	10.32
	210	6.71	5.92	8.19	2.50	5.57
Ghost Ranch	293	4.85	4.60	5.32	3.97	4.61
	294	14.55	13.80	15.95	11.91	13.83

Mexican Wolf

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