

Former Worker Medical Screening Program (FWP)

Screening Results

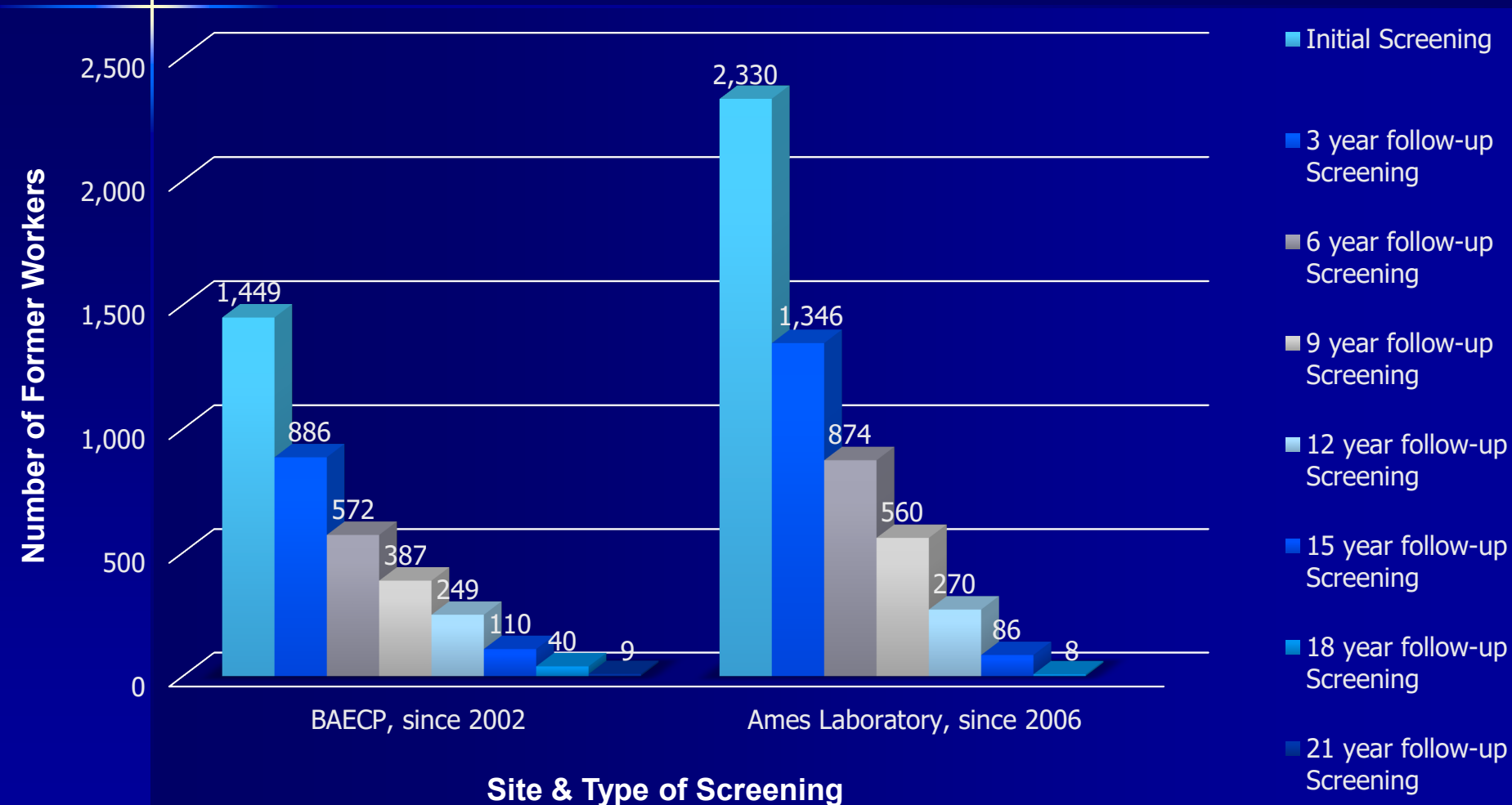
BAECP: 2002 – March 31, 2025

Ames National Laboratory: 2006 – March 31, 2025

*Department of Occupational and Environmental Health
The University of Iowa College of Public Health*

Total Former Workers Who Have Received Medical Screening

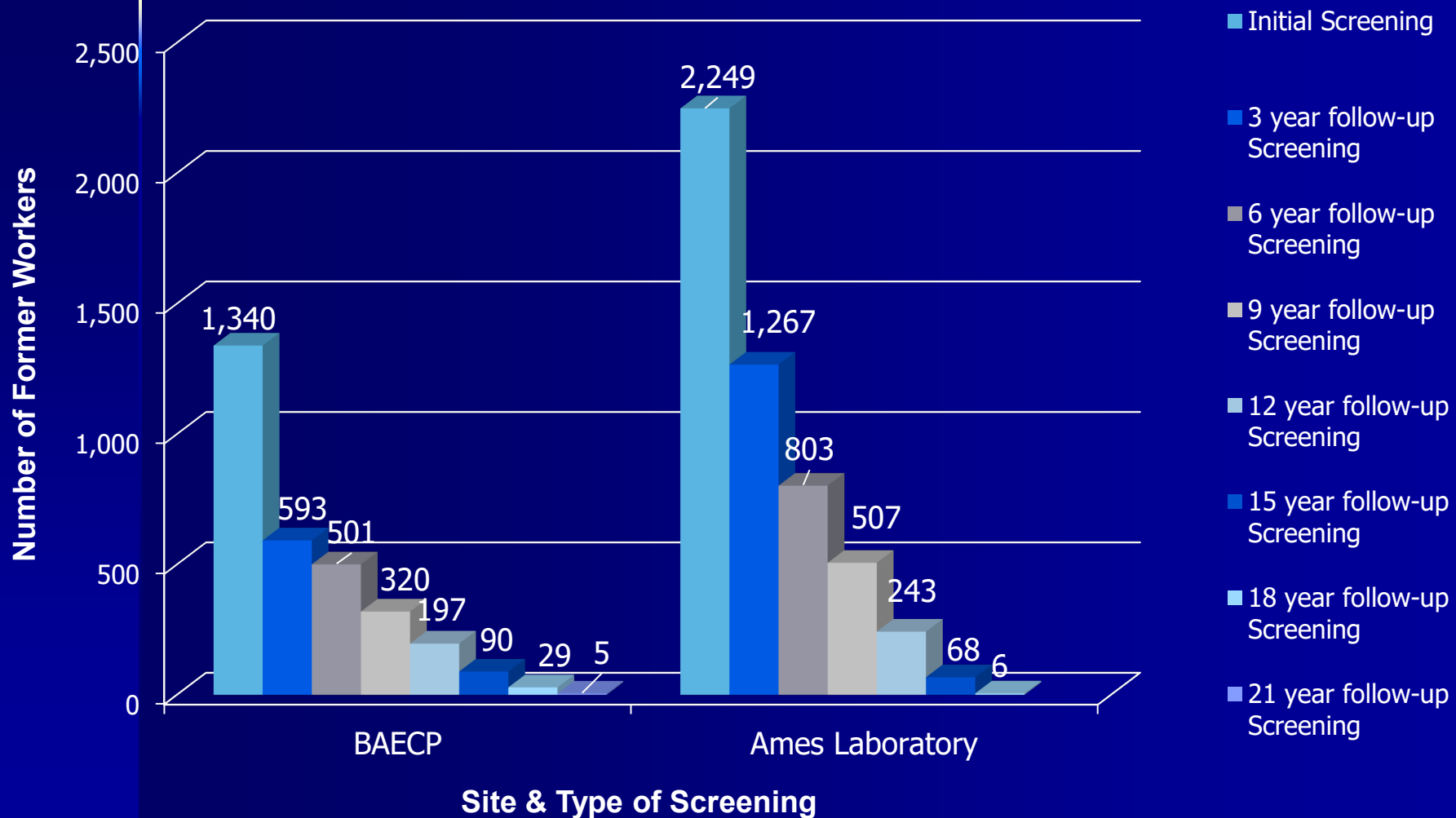
Screenings conducted through University of Iowa & National Supplemental Screening Program (NSSP)



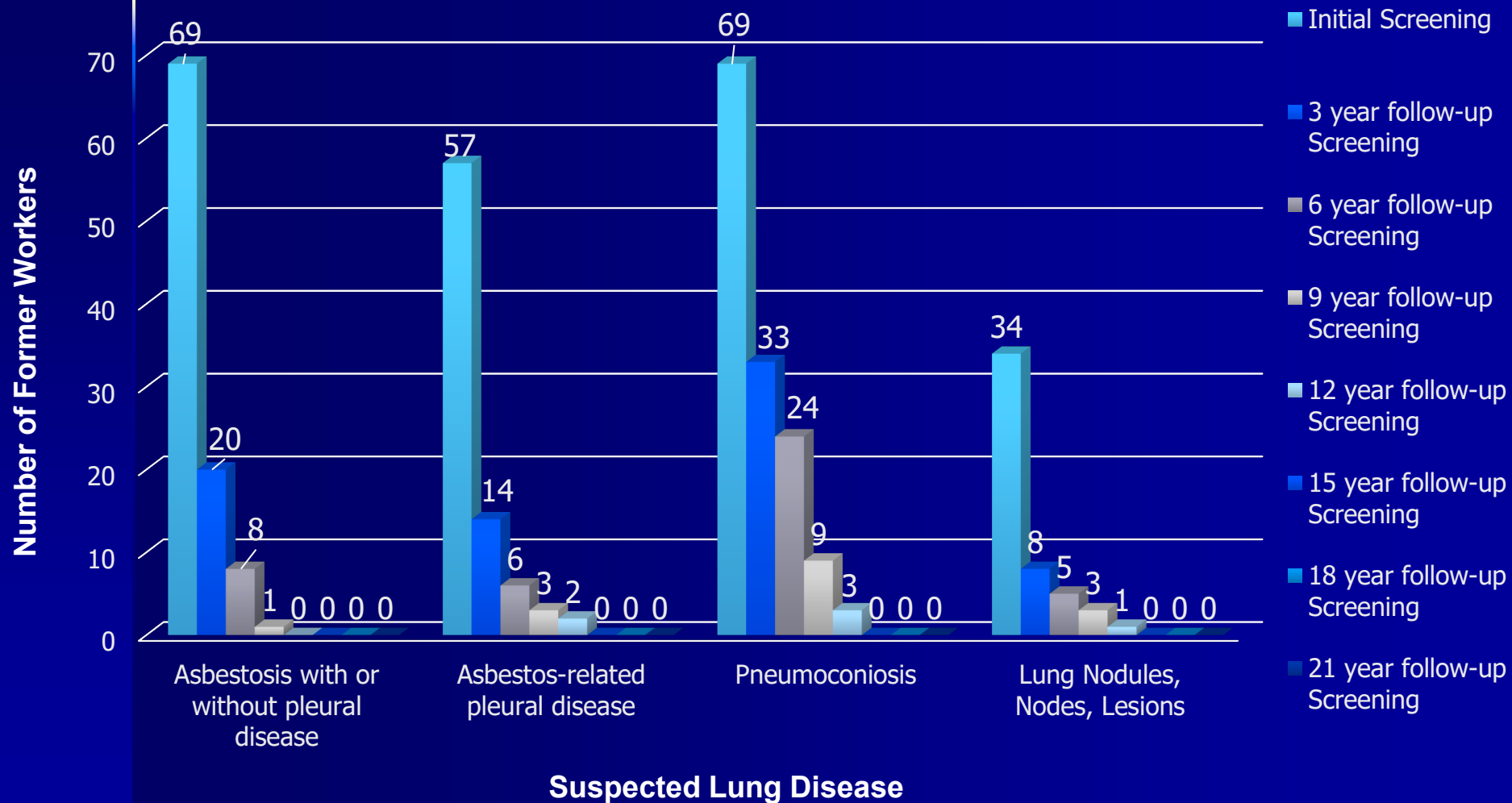
Age of Former Workers Screened

	Males: average age (age range)	Females: average age (age range)
BAECP		
Initial Screening	71 (40 - 94)	71 (45 - 95)
3 year follow-up Screening	74 (53 - 94)	73 (56 - 98)
6 year follow-up Screening	76 (57 - 97)	75 (60 - 94)
9 year follow-up Screening	77 (62 - 94)	77 (63 - 94)
12 year follow-up Screening	80 (65 - 97)	79 (67 - 93)
15 year follow-up Screening	81 (70 - 96)	80 (70 - 95)
18 year follow-up Screening	84 (74 - 93)	82 (75 - 93)
21 year follow-up Screening	84 (77 - 89)	84 (84 - 84)
Ames Laboratory		
Initial Screening	62 (20 - 98)	58 (21 - 88)
3 year follow-up Screening	66 (27 - 92)	62 (27 - 89)
6 year follow-up Screening	70 (32 - 94)	64 (31 - 92)
9 year follow-up Screening	72 (41 - 98)	68 (33 - 94)
12 year follow-up Screening	75 (53 - 96)	70 (52 - 90)
15 year follow-up Screening	78 (56 - 93)	72 (54 - 83)
18 year follow-up Screening	83 (72 - 92)	83 (79 - 86)

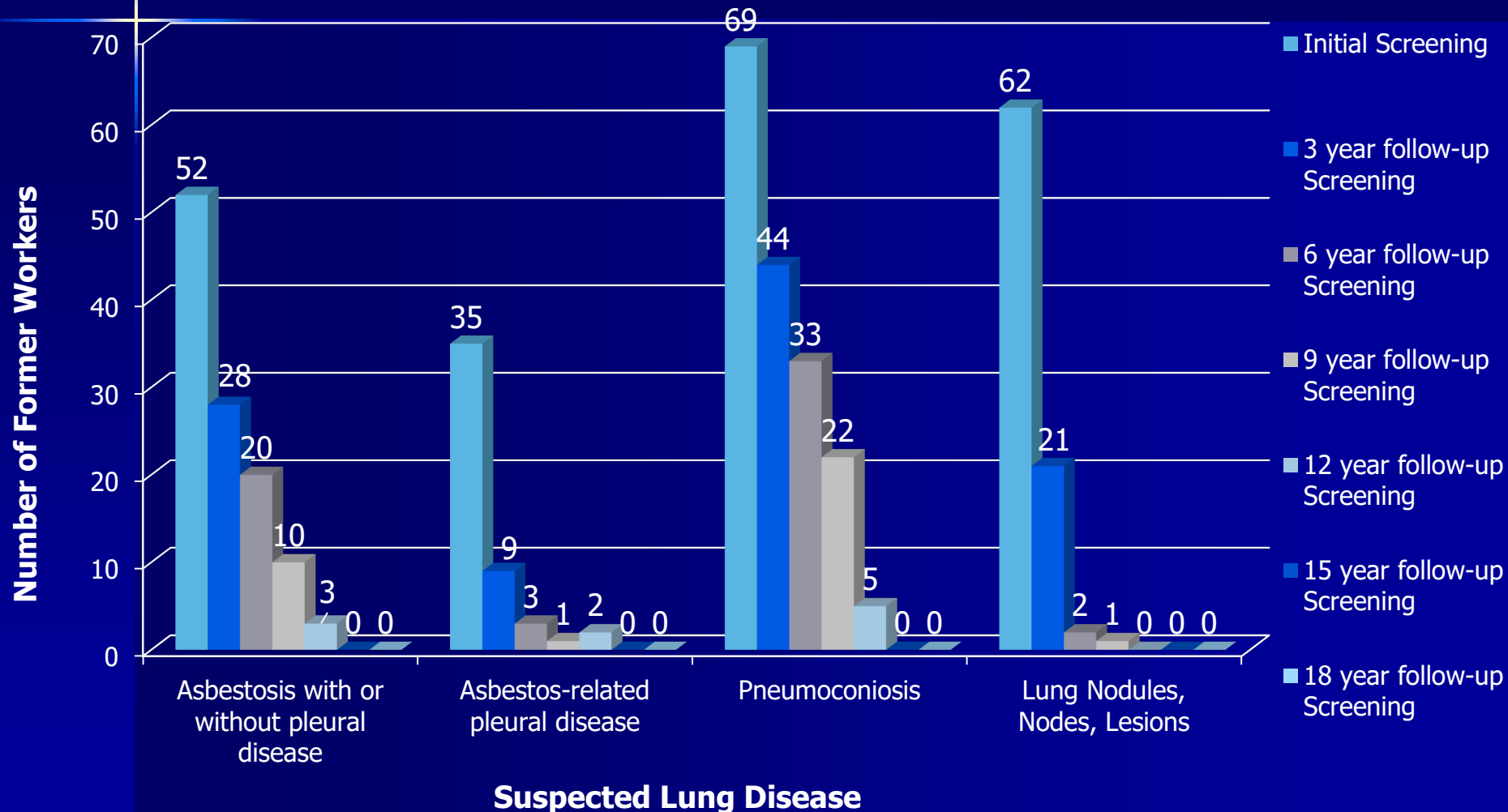
Total Former Workers Who Have Received Chest X-ray



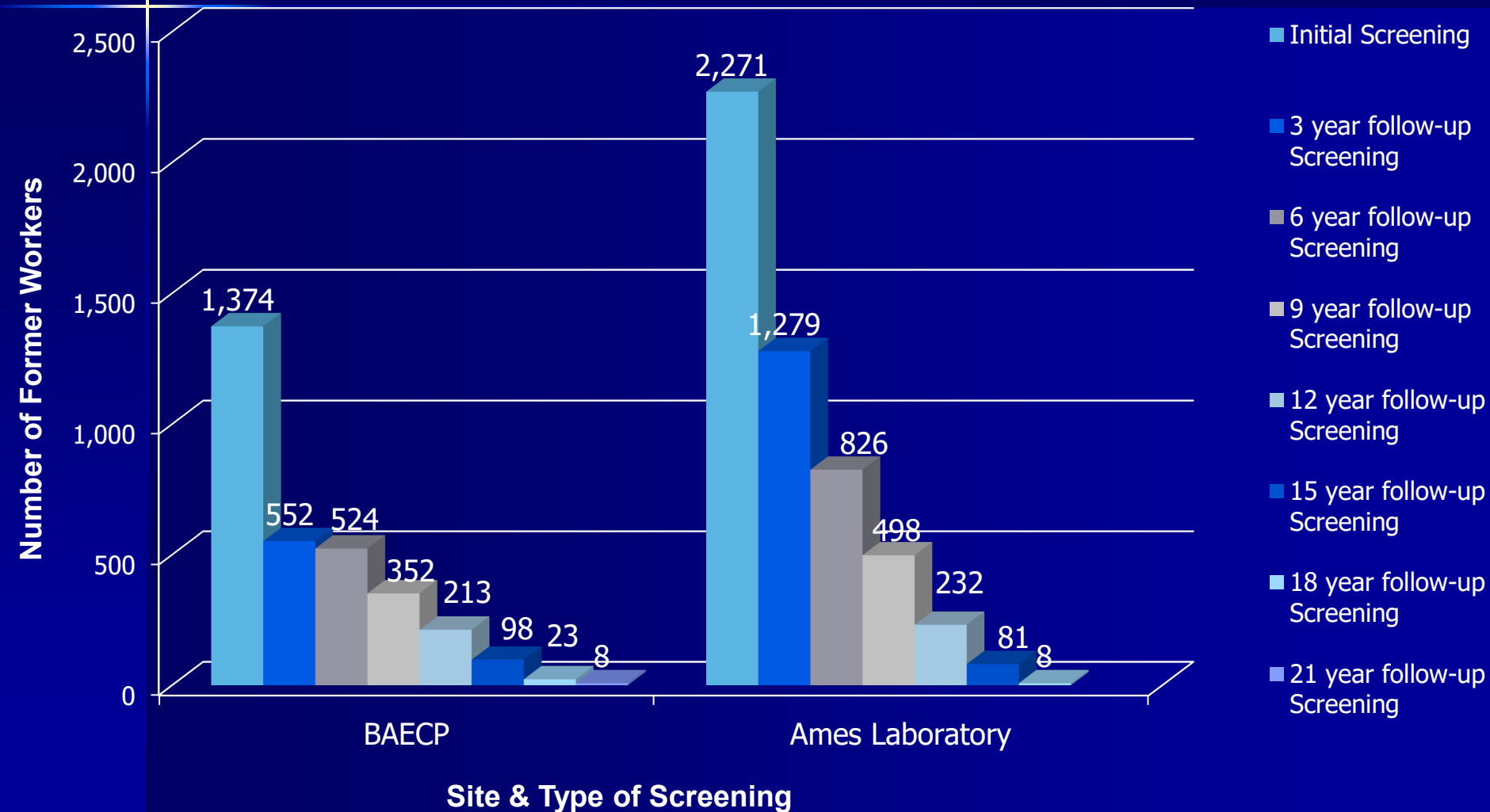
Chest X-ray Results, BAECP



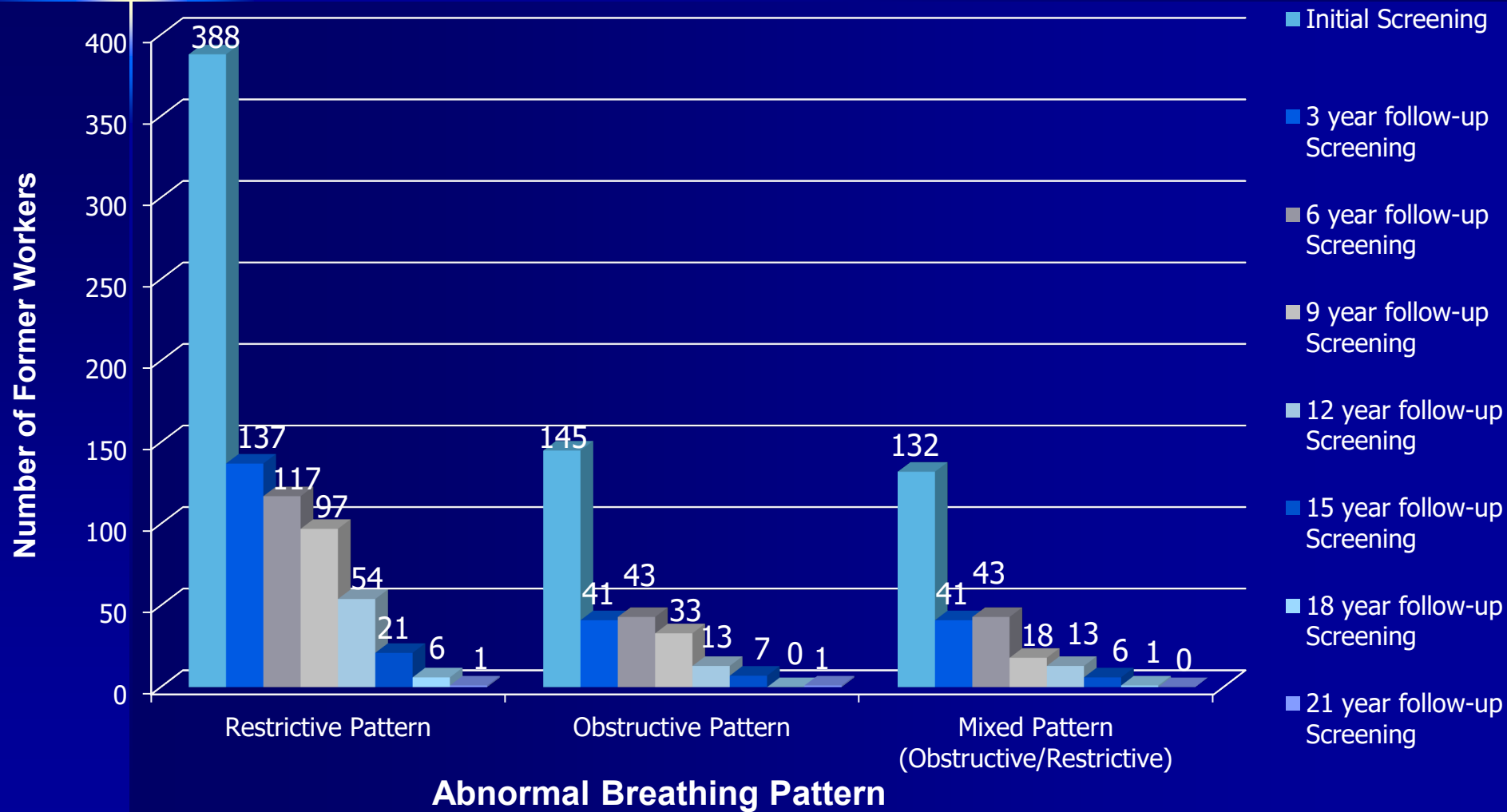
Chest X-ray Results, Ames Laboratory



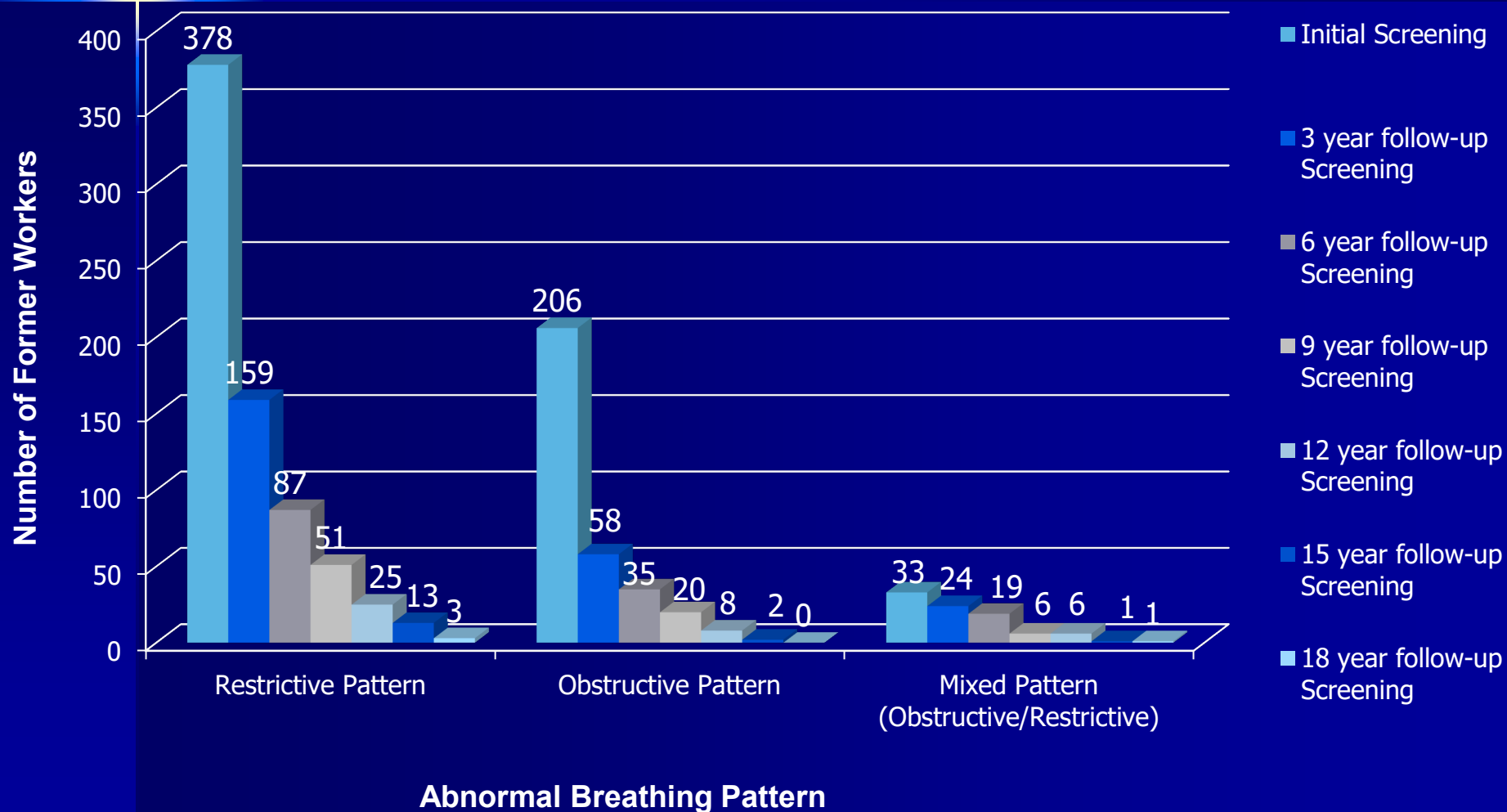
Total Former Workers Who Have Received Spirometry Test



Spirometry Results, BAECBP

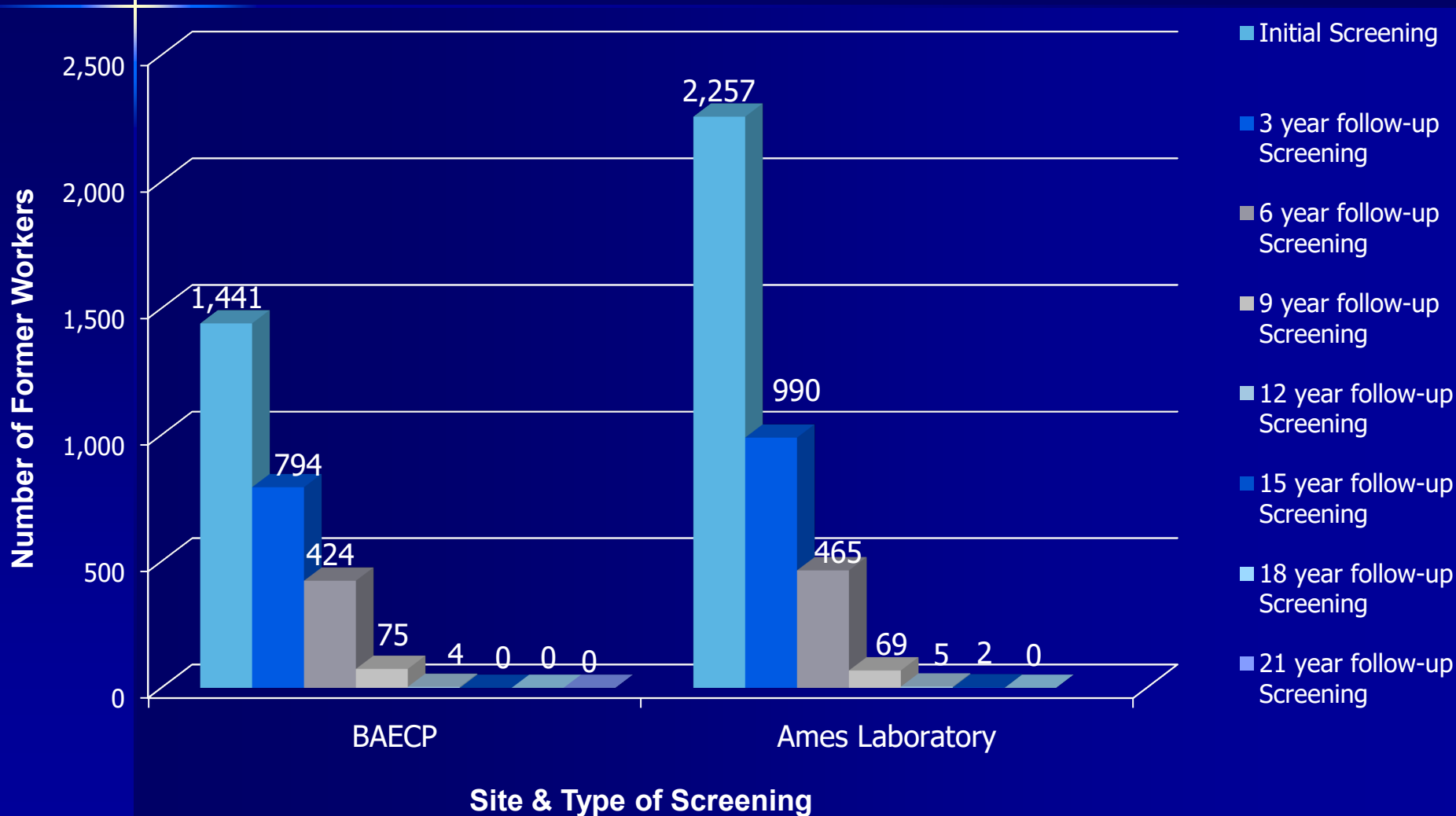


Spirometry Results, Ames Laboratory

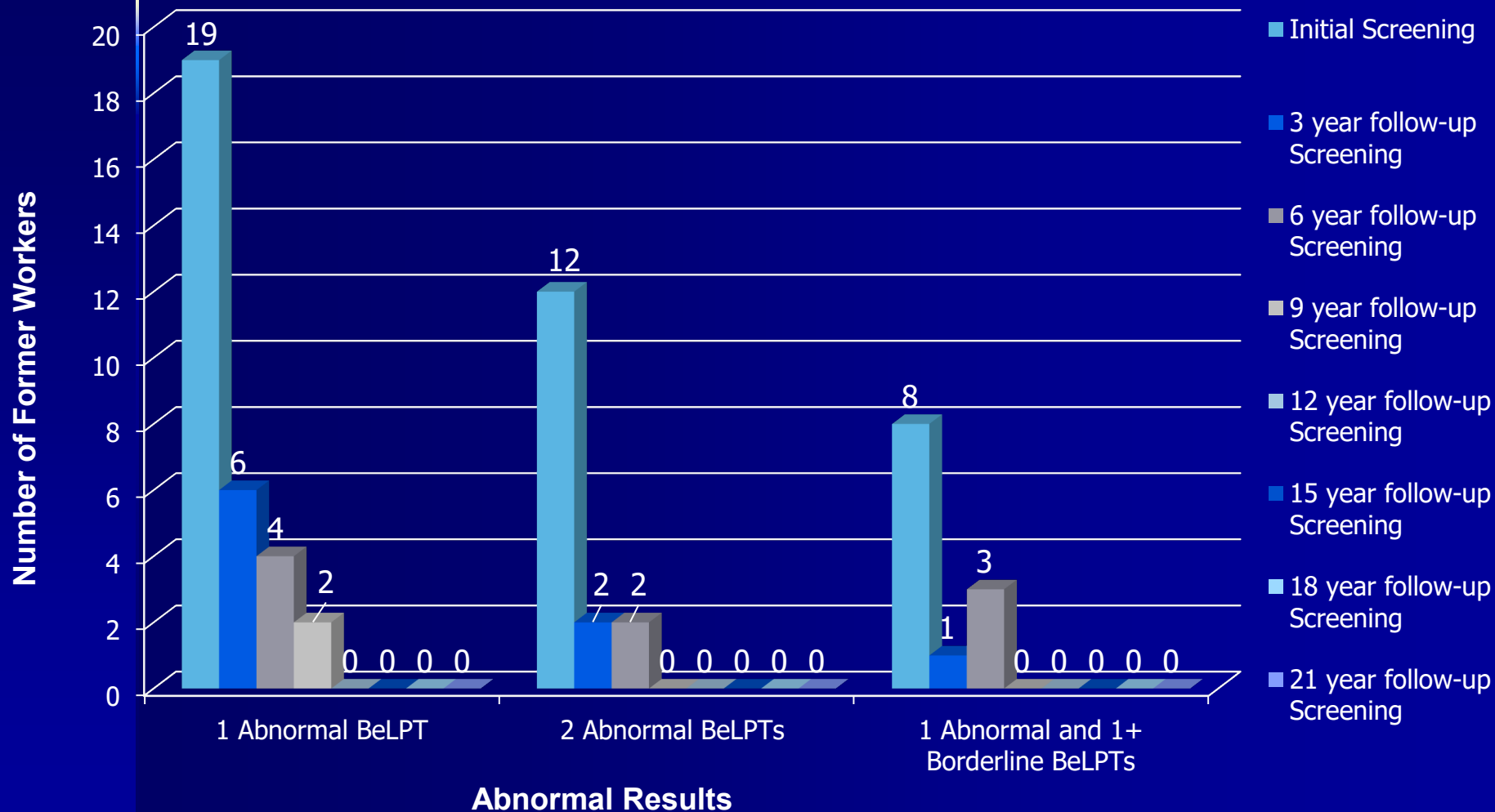


Total Former Workers Who Have Received Beryllium Sensitization Test

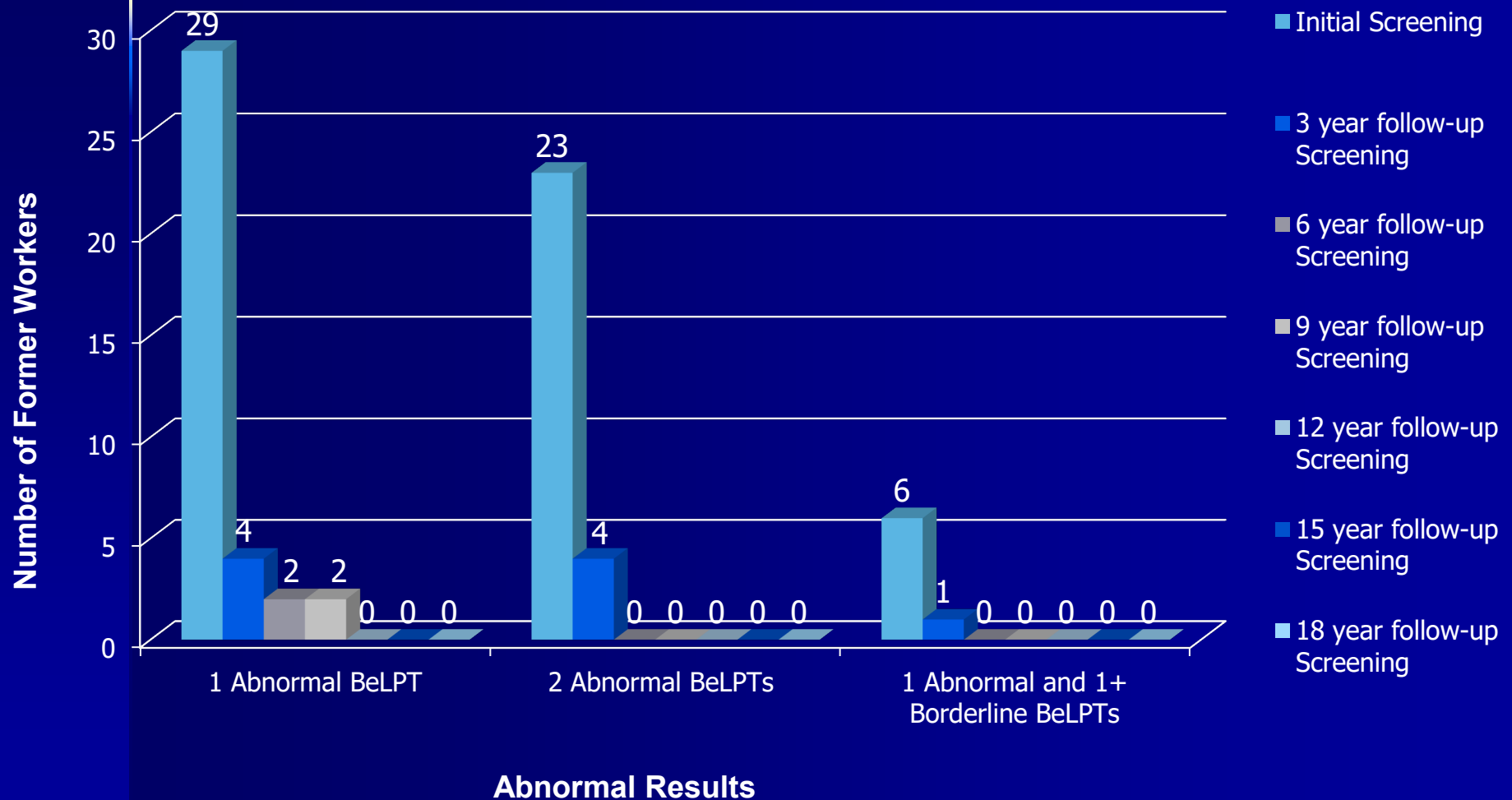
Beryllium Lymphocyte Proliferation Test (BeLPT)



BeLPT Results, BAECp



BeLPT Results, Ames Laboratory



Medical Care Recommended After Screening

	Occupational-related follow-up (such as occupational lung disease)	Non-occupational-related follow-up (such as chronic diseases)	Total
BAECP			
Initial Screening	303	1,110	1,413
3 year follow-up Screening	94	471	565
6 year follow-up Screening	53	426	479
9 year follow-up Screening	27	304	331
12 year follow-up Screening	8	200	208
15 year follow-up Screening	3	86	89
18 year follow-up Screening	1	29	30
21 year follow-up Screening	0	3	3
Total	489	2,629	3,118
Ames Laboratory			
Initial Screening	425	1,708	2,133
3 year follow-up Screening	253	939	1,192
6 year follow-up Screening	162	665	827
9 year follow-up Screening	83	425	508
12 year follow-up Screening	37	206	243
15 year follow-up Screening	7	58	65
18 year follow-up Screening	0	8	8
Total	967	4,009	4,976

Uncontrolled Hypertension Detected

Level of Hypertension	BAECP	Ames Laboratory	Total
Hypertensive (bp >140/90)	341 (40%)	471 (25%)	812 (30%)
Urgent/Severe Hypertension (bp >180/110)	19 (2.2%)	5 (0.3%)	24 (0.9%)
Emergent Hypertension (bp >220/140)	1 (0.1%)	0 (0%)	1 (0.04%)
Total Blood Pressure Readings	846	1,862	2,708

Uncontrolled Diabetes Mellitus Detected

Glucose Test	BAECP	Ames Laboratory	Total
Hyperglycemia (non-fasting glucose $\geq 200\text{mg/dL}$)	165 (12.0%)	76 (3.5%)	241 (6.8%)
Total Glucose Tests	1,379	2,176	3,555

A1c Test	BAECP	Ames Laboratory	Total
Fair Control of Diabetes (hemoglobin A1c 7.1—9.0)	114 (15.0%)	76 (5.6%)	190 (9.0%)
Poor Control of Diabetes (hemoglobin A1c ≥ 9.1)	27 (3.5%)	11 (0.8%)	38 (1.8%)
Total A1c Tests	761	1,355	2,116