

Former Worker Medical Screening Program (FWP)

Screening Results

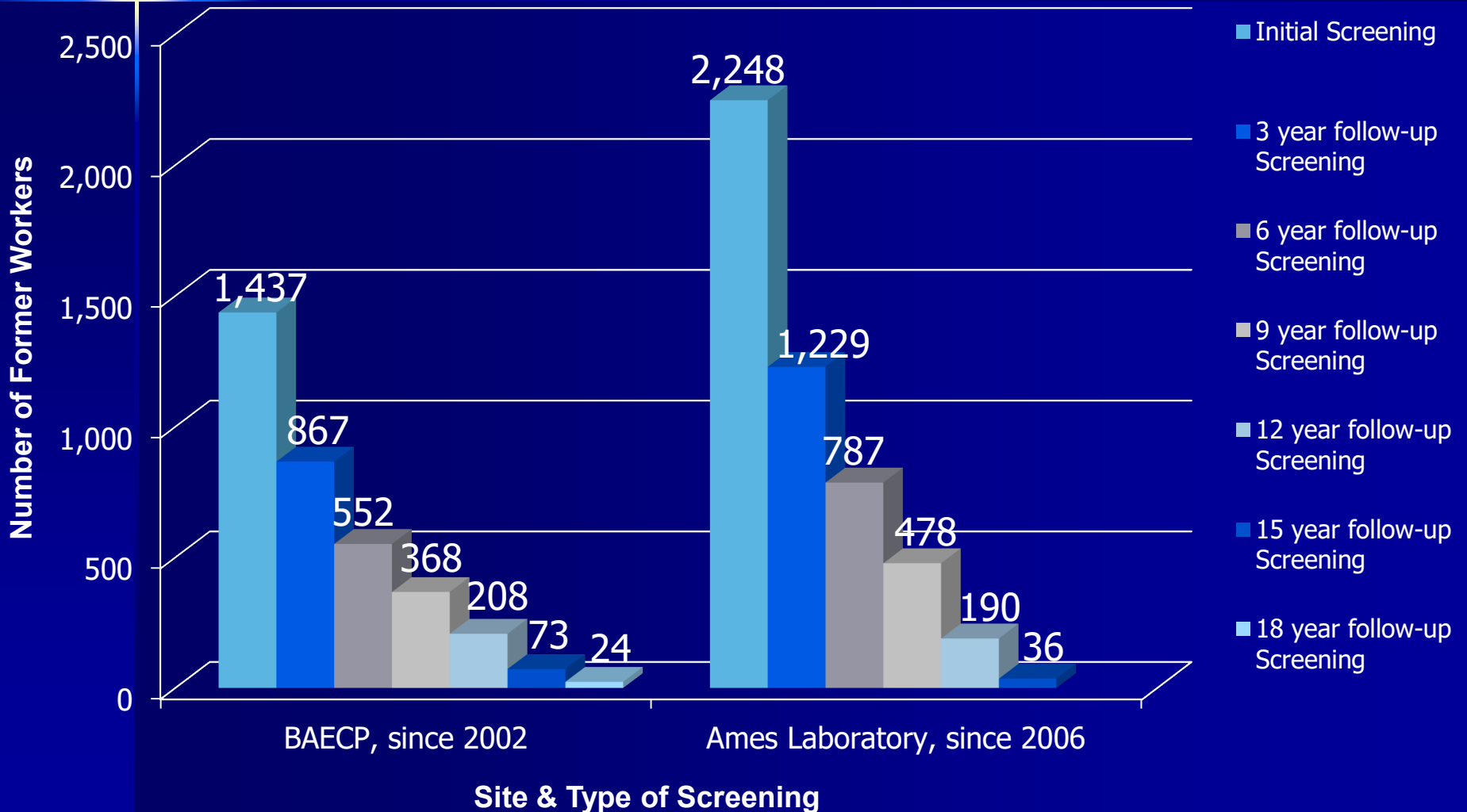
BAECP: 2002 – March 31, 2023

Ames National Laboratory: 2006 – March 31, 2023

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

Total Former Workers Who Have Received Medical Screening

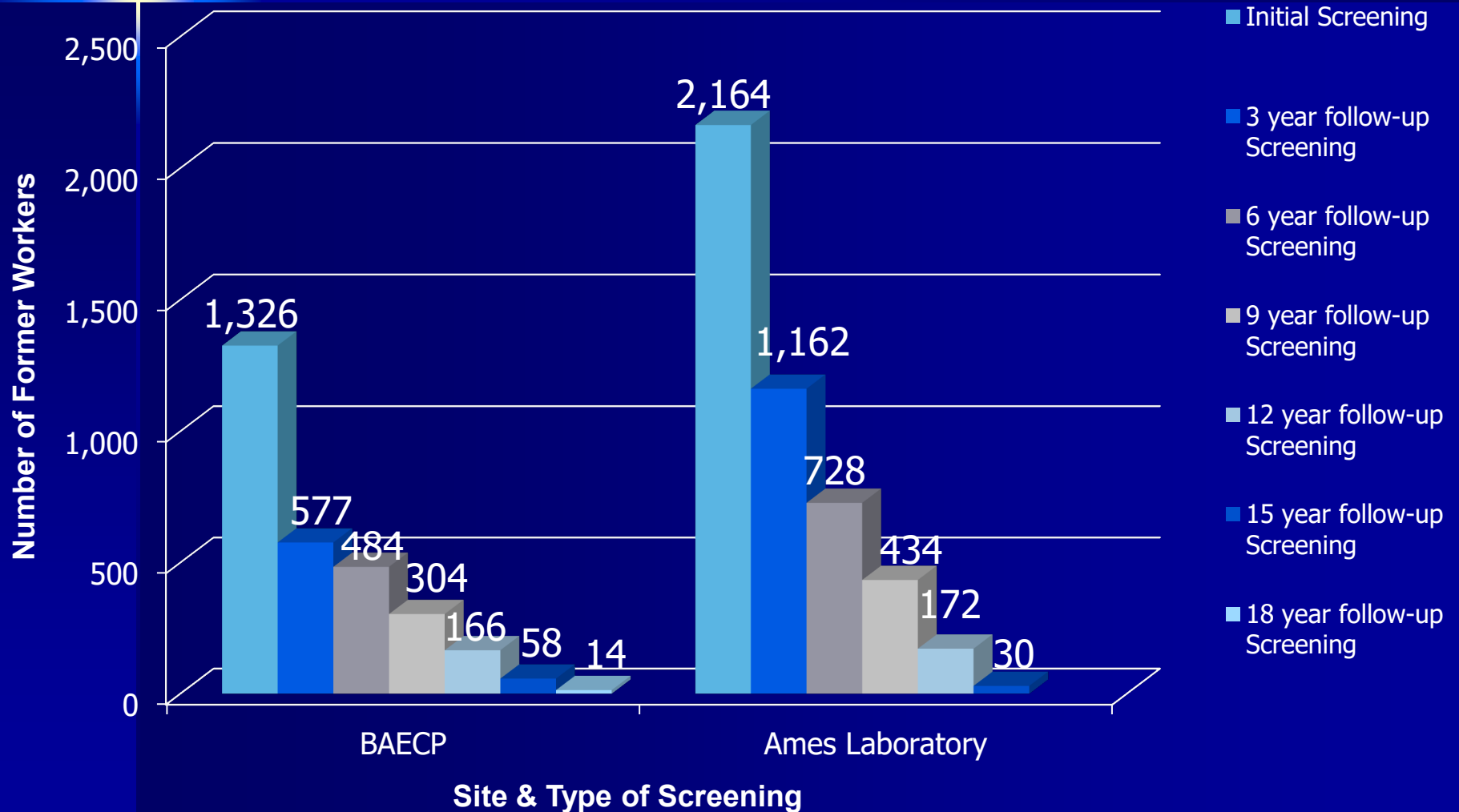
Screenings conducted through University of Iowa & National Supplemental Screening Program (NSSP)



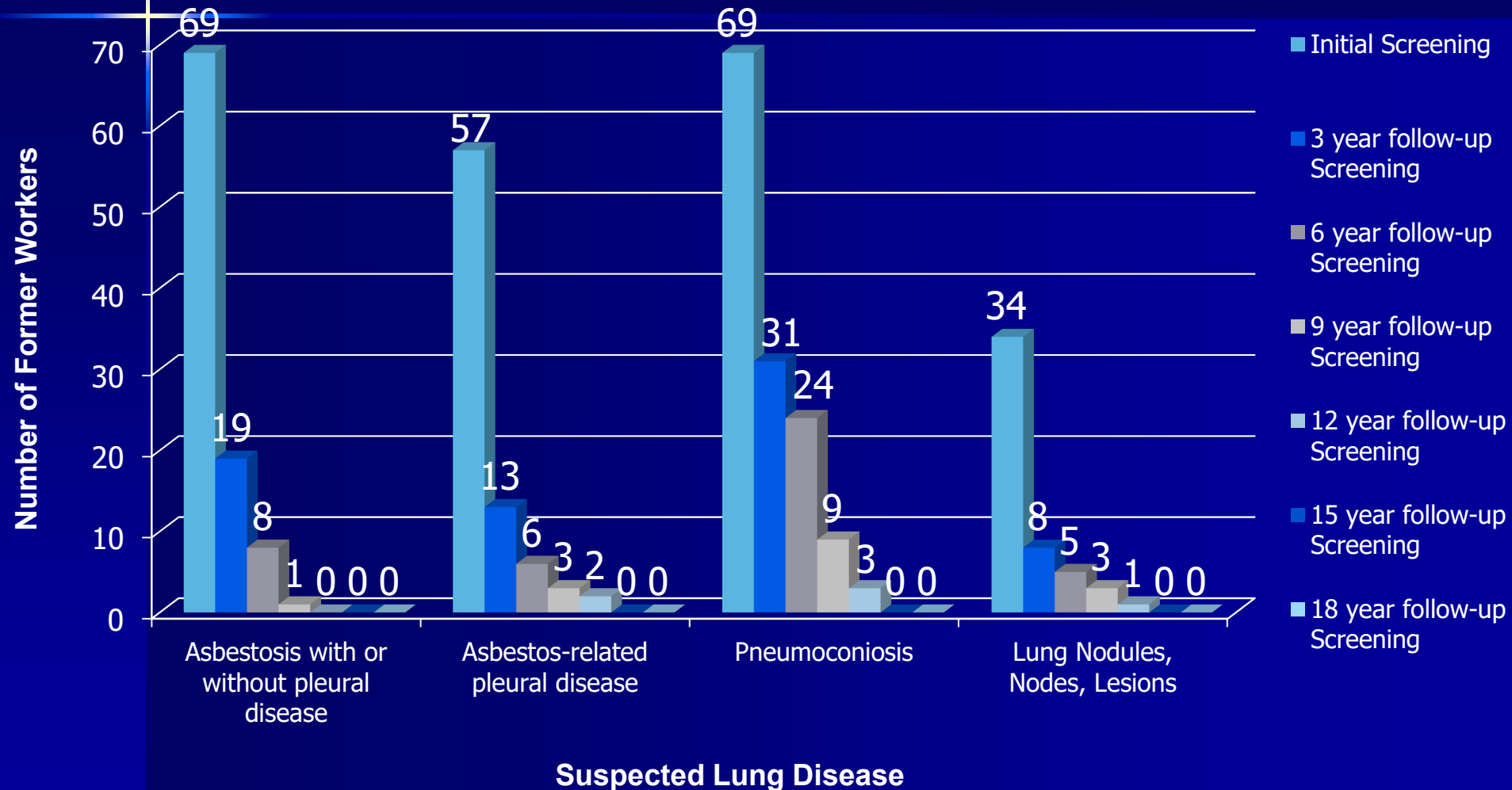
Age of Former Workers Screened

	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 - 92)
6 year follow-up Screening	75 (57 - 92)	75 (60 - 94)
9 year follow-up Screening	77 (62 - 94)	77 (63 - 94)
12 year follow-up Screening	80 (65 - 97)	78 (67 - 91)
15 year follow-up Screening	81 (70 - 92)	78 (70 - 90)
18 year follow-up Screening	83 (74 - 92)	81 (75 - 93)
Ames Laboratory		
Initial Screening	61 (20 - 98)	56 (21 - 88)
3 year follow-up Screening	67 (29 - 92)	62 (27 - 89)
6 year follow-up Screening	70 (32 - 94)	66 (31 - 91)
9 year follow-up Screening	73 (41 - 98)	68 (48 - 94)
12 year follow-up Screening	75 (54 - 96)	70 (52 - 88)
15 year follow-up Screening	80 (65 - 90)	75 (65 - 83)

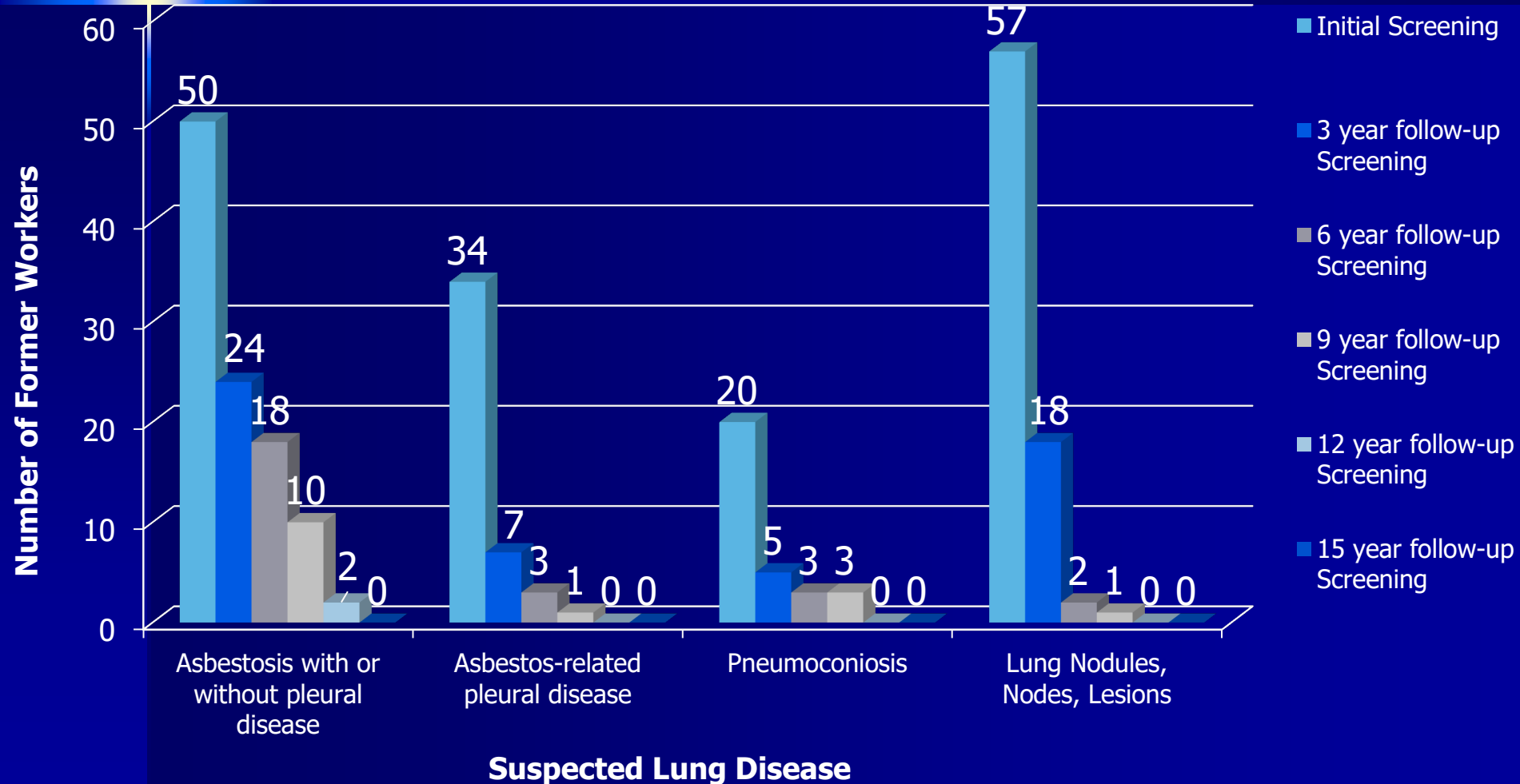
Total Former Workers Who Have Received Chest X-ray



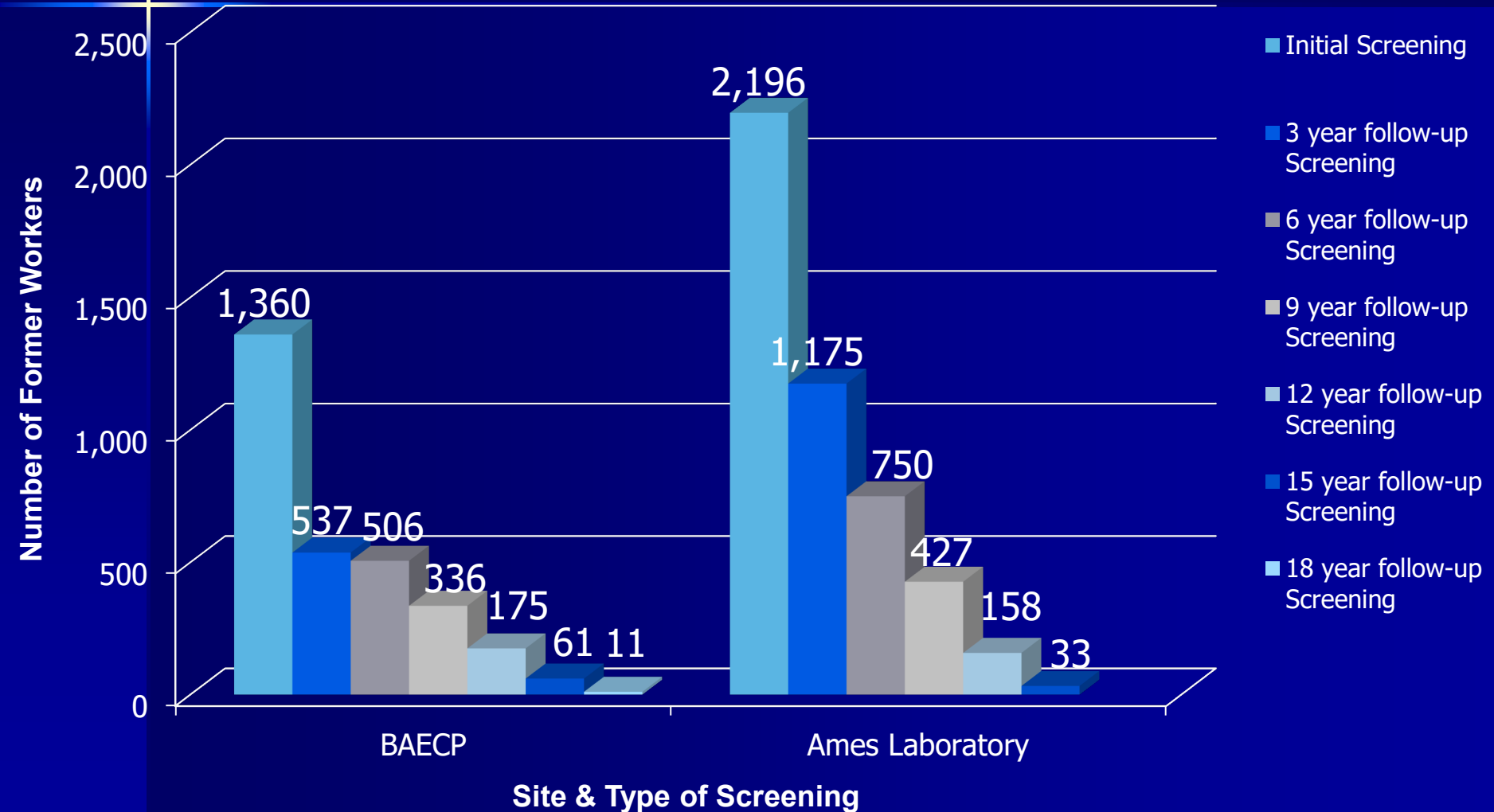
Chest X-ray Results, BAECBP



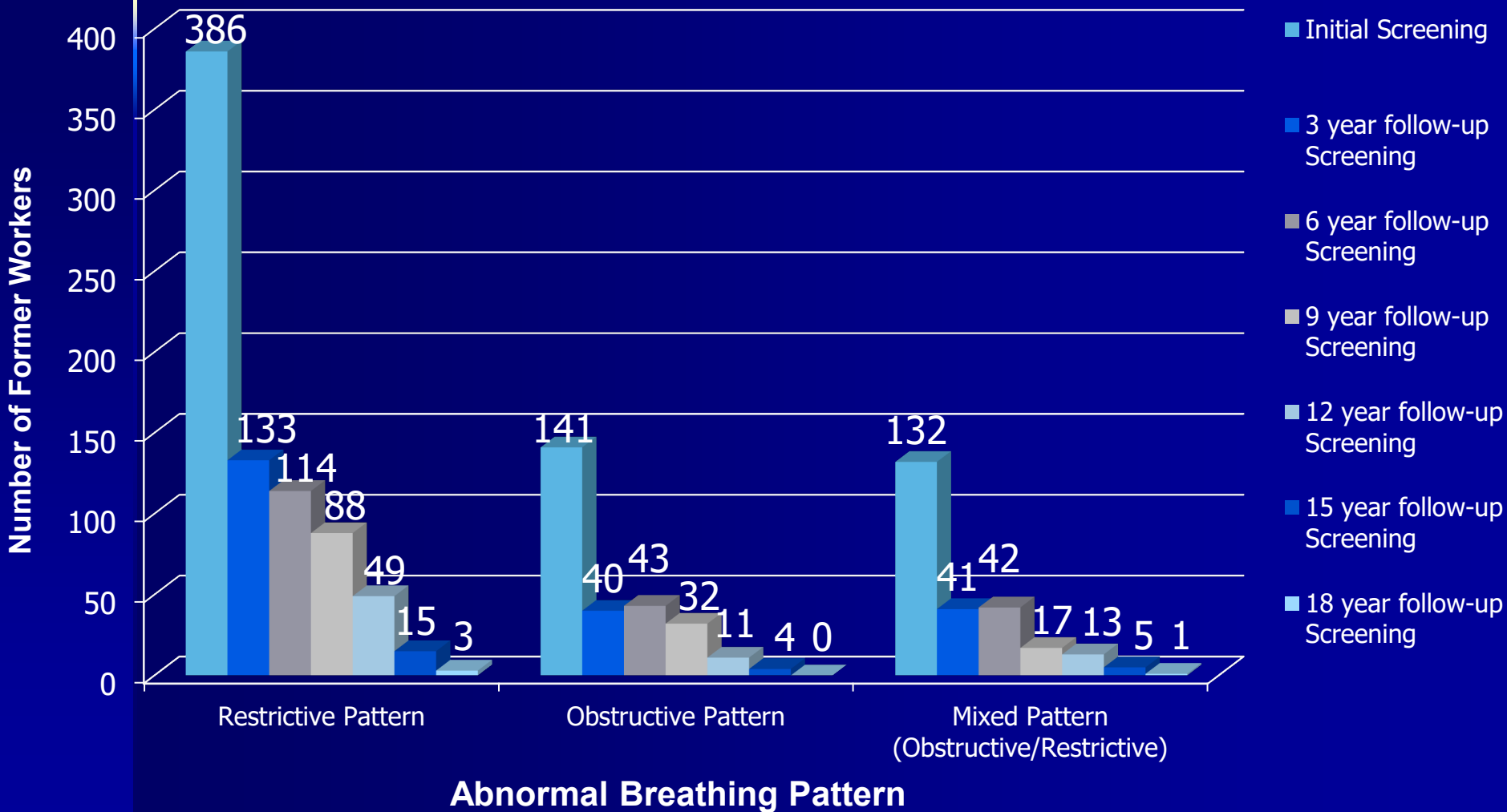
Chest X-ray Results, Ames Laboratory



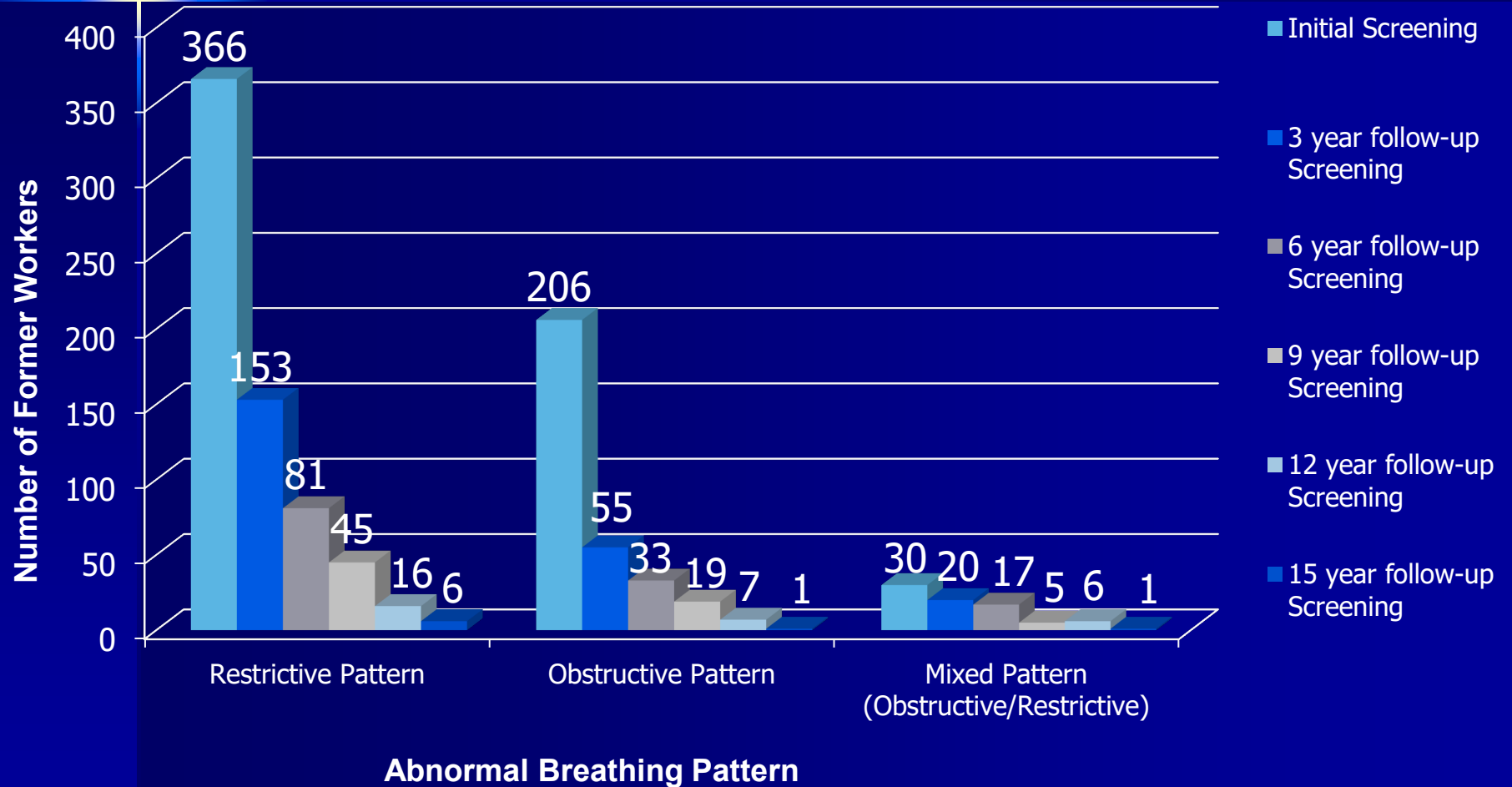
Total Former Workers Who Have Received Spirometry Test



Spirometry Results, BAEC CP

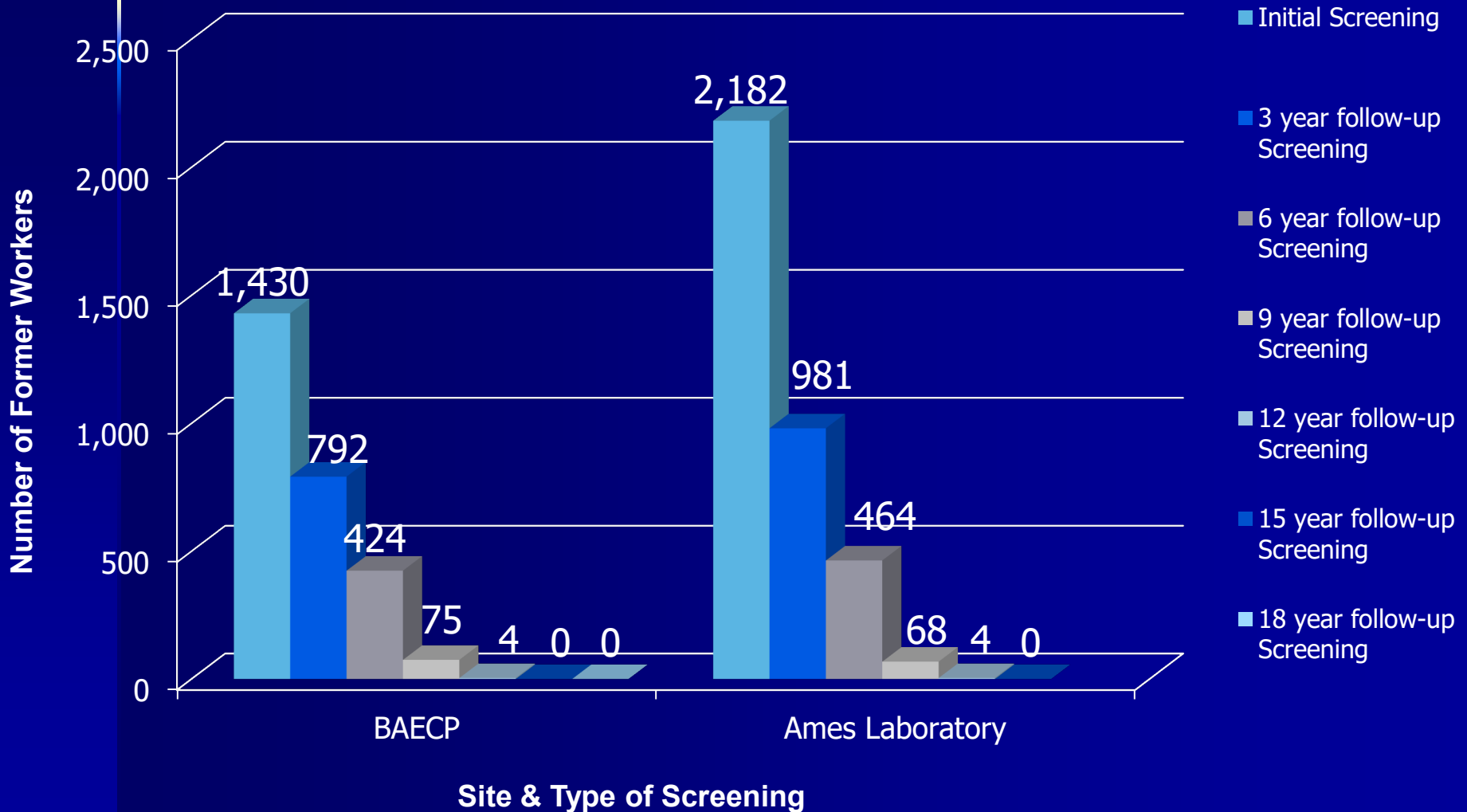


Spirometry Results, Ames Laboratory

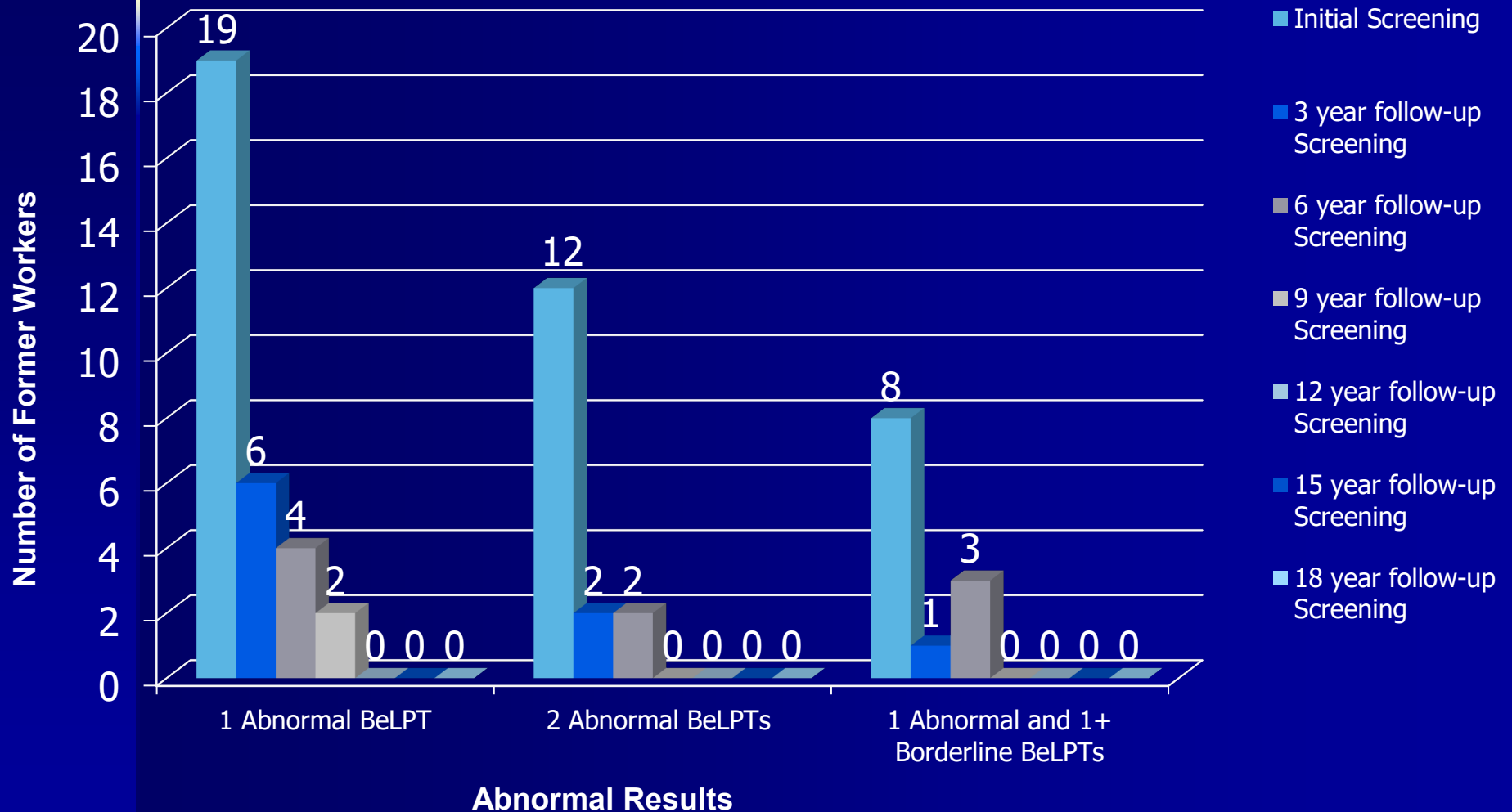


Total Former Workers Who Have Received Beryllium Sensitization Test

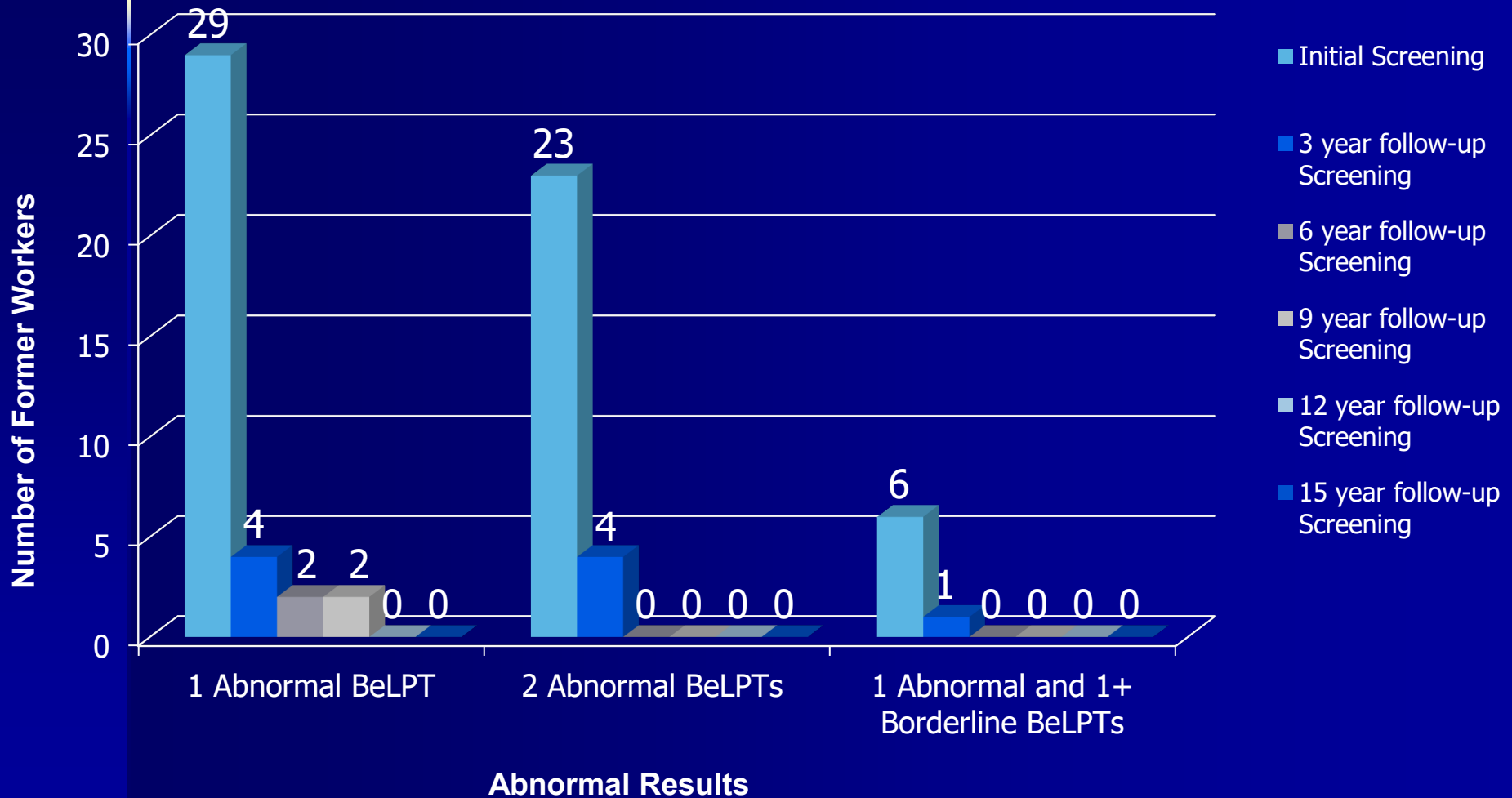
Beryllium Lymphocyte Proliferation Test (BeLPT)



BeLPT Results, BAECCP



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	304	1,097	1,401
3 year follow-up Screening	89	453	542
6 year follow-up Screening	51	408	459
9 year follow-up Screening	26	292	318
12 year follow-up Screening	8	169	177
15 year follow-up Screening	3	58	61
18 year follow-up Screening	0	17	17
Total	481	2,494	2,975
Ames Laboratory			
Initial Screening	413	1,652	2,065
3 year follow-up Screening	230	855	1,085
6 year follow-up Screening	151	601	752
9 year follow-up Screening	78	363	441
12 year follow-up Screening	28	147	175
15 year follow-up Screening	6	25	31
Total	906	3,643	4,549

Uncontrolled Hypertension Detected

Level of Hypertension	BAECP	Ames Laboratory	Total
Hypertensive (bp >140/90)	327 (39%)	411 (23%)	738 (28%)
Urgent/Severe Hypertension (bp >180/110)	19 (2%)	5 (0.3%)	24 (0.9%)
Emergent Hypertension (bp >220/140)	1 (0.1%)	0 (0%)	1 (0.04%)
Total Blood Pressure Readings	831	1,770	2,601

Uncontrolled Diabetes Mellitus Detected

Glucose Test	BAECP	Ames Laboratory	Total
Hyperglycemia (non-fasting glucose ≥ 200 mg/dL)	160 (11.7%)	67 (3.2%)	227 (6.5%)
Total Glucose Tests	1,365	2,106	3,471

A1c Test	BAECP	Ames Laboratory	Total
Fair Control of Diabetes (hemoglobin A1c 7.1—9.0)	111 (14.9%)	69 (5.8%)	180 (9.3%)
Poor Control of Diabetes (hemoglobin A1c ≥ 9.1)	24 (3.2%)	10 (0.8%)	34 (1.8%)
Total A1c Tests	743	1,189	1,932

Newly Diagnosed Cancers Post Screening

	BAECP n=1,437	Ames Laboratory n=2,248
Newly diagnosed cancers since FWP screening	134 (9.3%)	194 (8.6%)
Most frequent cancer diagnoses	Lung = 33 Skin = 22 Colon, Rectum = 14 Prostate = 14 Bladder = 12 Blood = 8 Kidney = 5	Skin = 81 Prostate = 43 Blood = 12 Lung = 11 Bladder = 8 Breast = 8 Bone = 5 Colon, Rectum = 5 Kidney = 5
Other cancer diagnoses	Bone, Brain, Breast, Esophagus, Liver, Mesothelioma, Mesothelioma Peritoneal, Mouth, Throat, Neuroendocrine, Pancreas, Reproductive System, Soft Tissue, Thyroid	Esophagus, Liver, Mesothelioma, Mouth, Throat, Oil Gland, Pancreas, Reproductive System, Soft Tissue, Stomach/Appendiceal, Thyroid