

Former Worker Medical Screening Program (FWP)

Screening Results

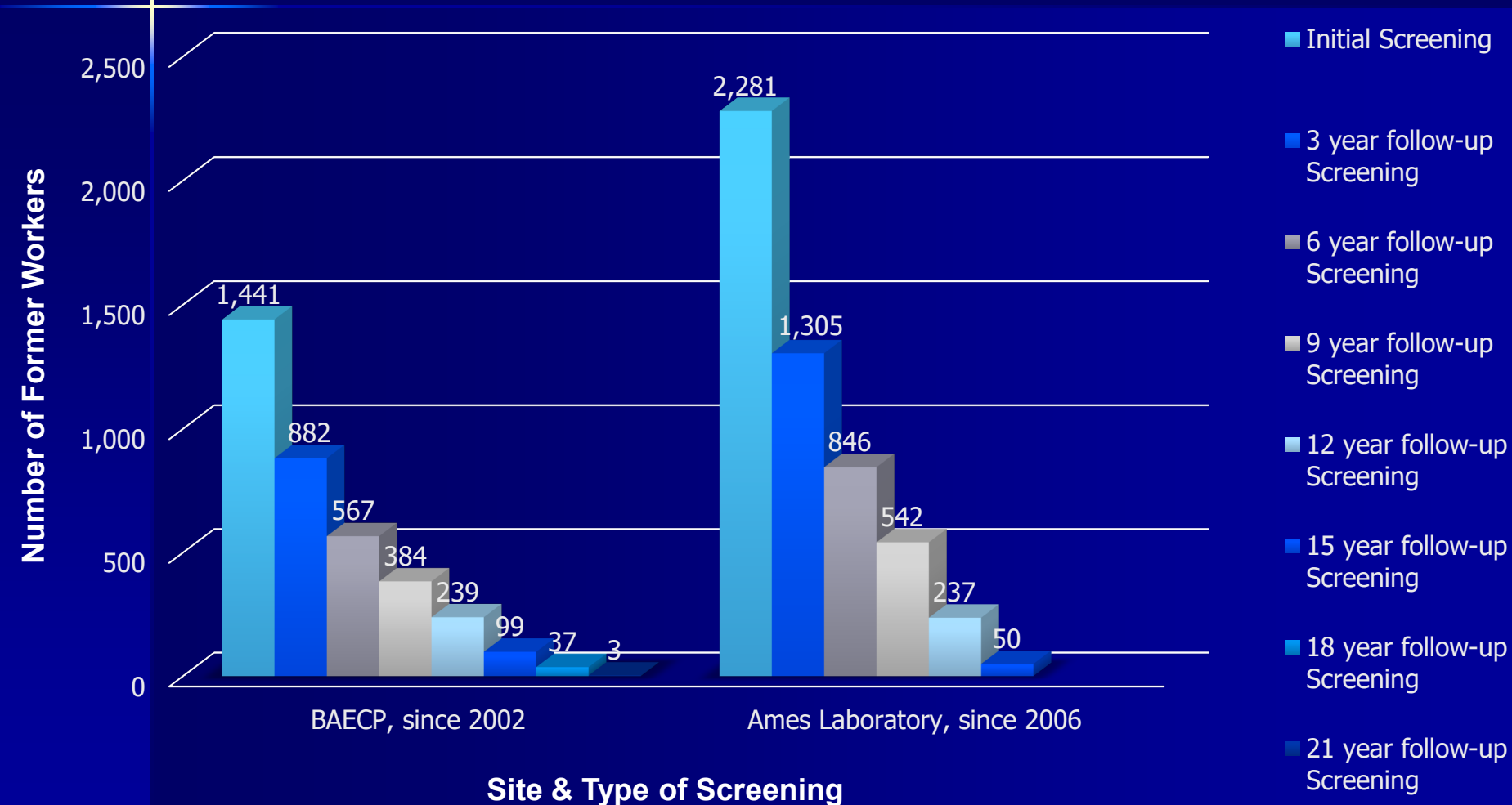
BAECP: 2002 – March 31, 2024

Ames National Laboratory: 2006 – March 31, 2024

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

Total Former Workers Who Have Received Medical Screening

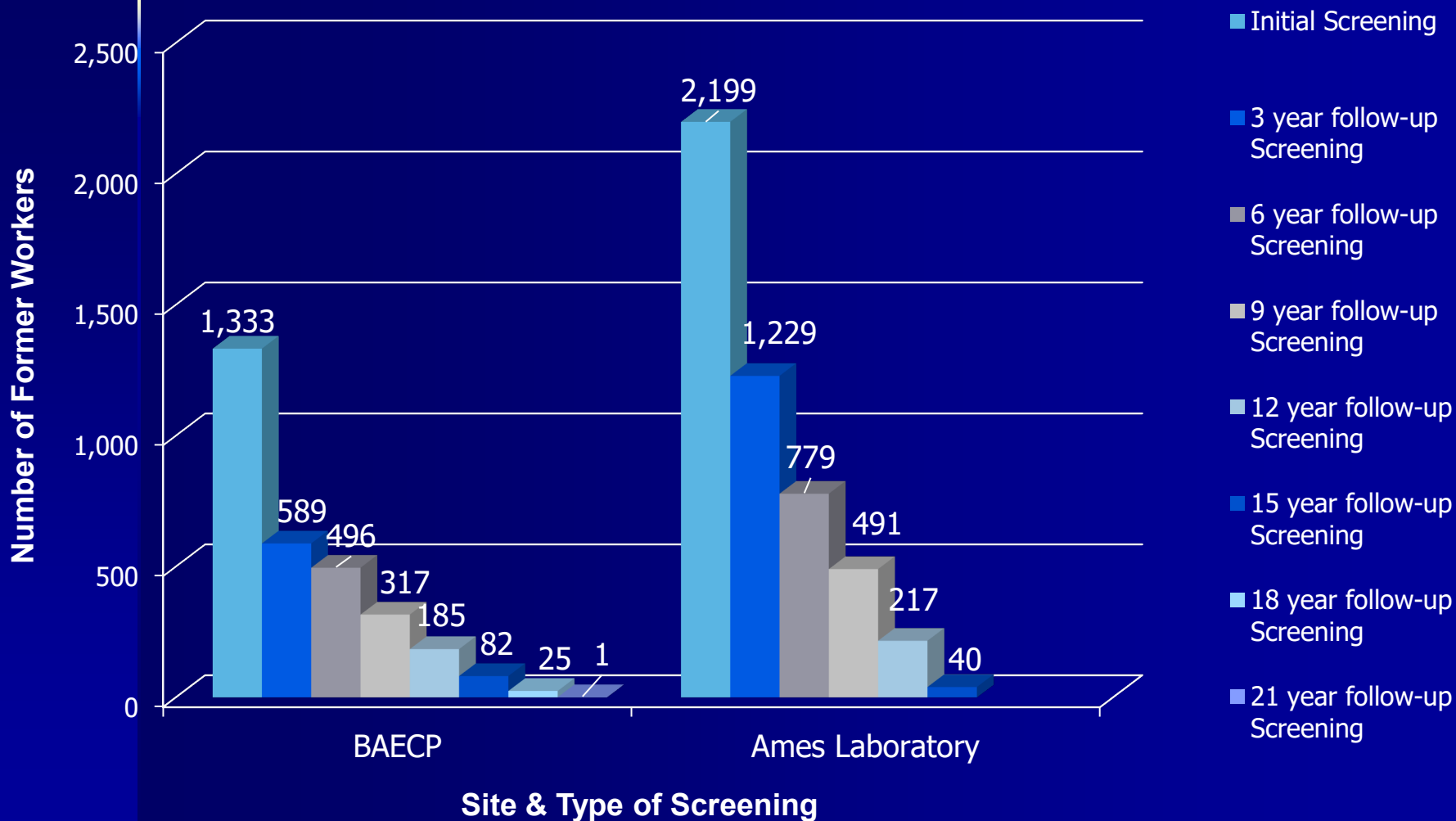
Screenings conducted through University of Iowa & National Supplemental Screening Program (NSSP)



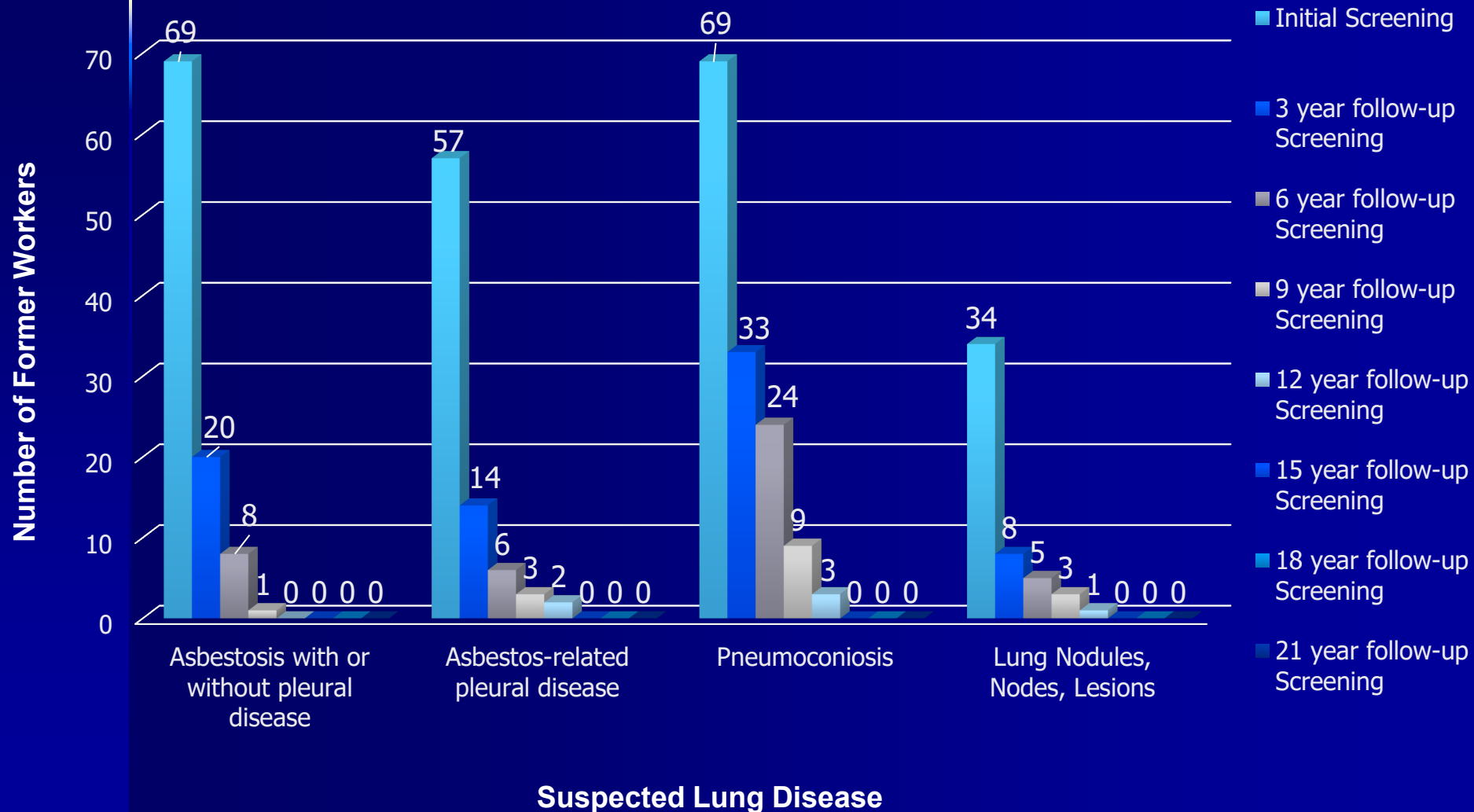
Age of Former Workers Screened

	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	83 (74 - 93)	81 (75 - 93)
21 year follow-up Screening	84 (77 - 88)	N/A
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	73 (41 - 98)	68 (48 - 94)
12 year follow-up Screening	75 (54 - 96)	70 (52 - 90)
15 year follow-up Screening	80 (64 - 93)	74 (60 - 83)

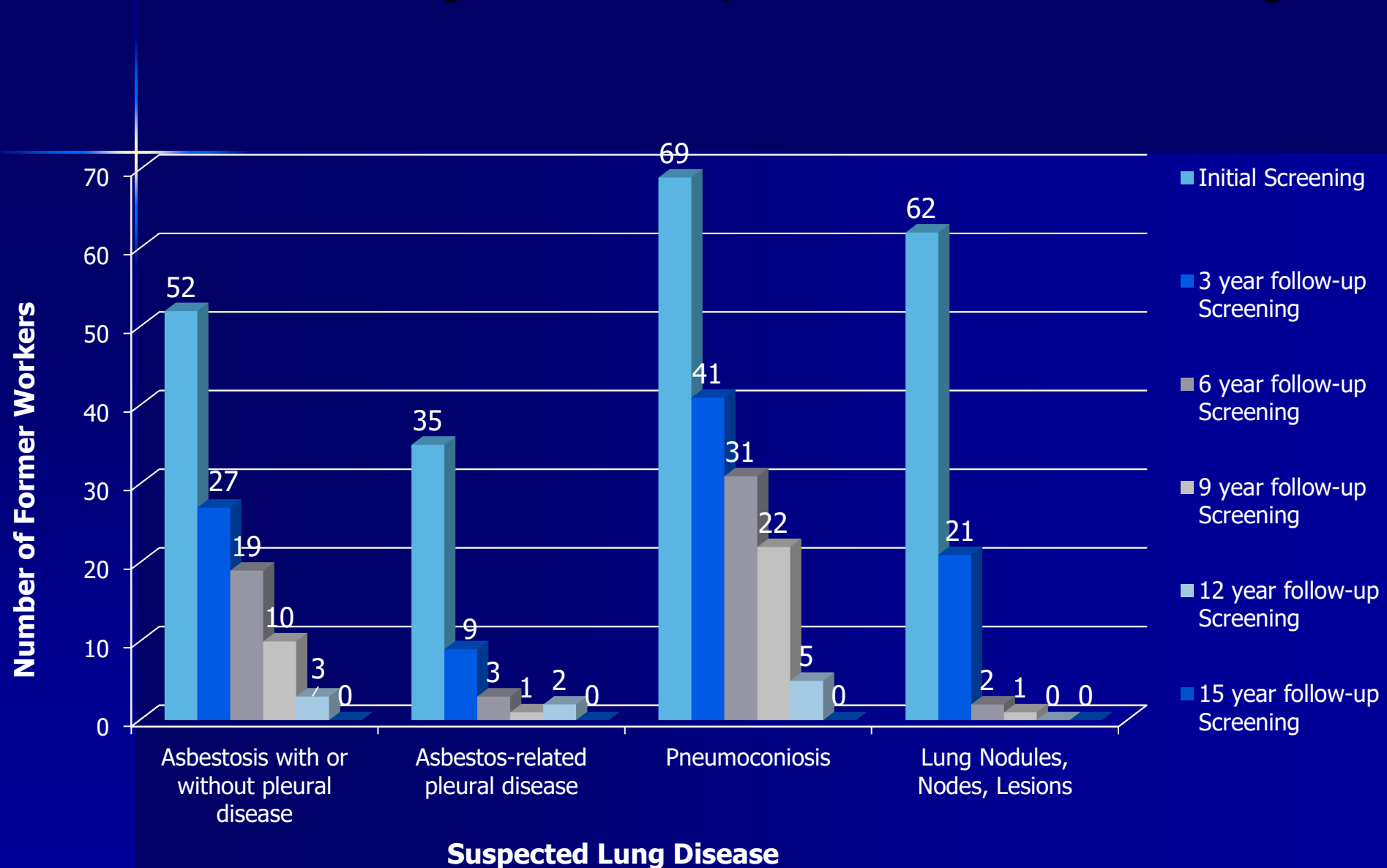
Total Former Workers Who Have Received Chest X-ray



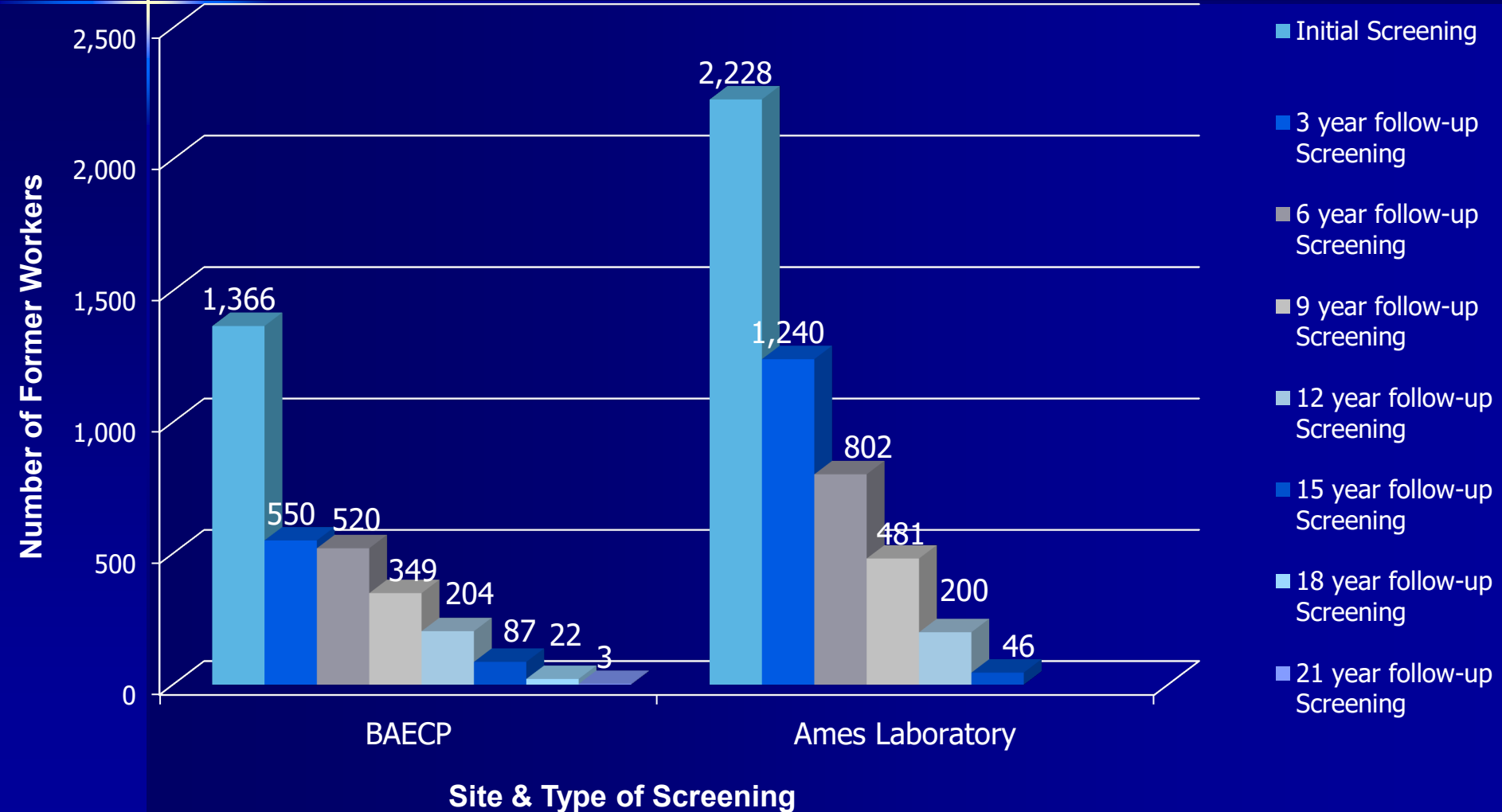
Chest X-ray Results, BAEC CP



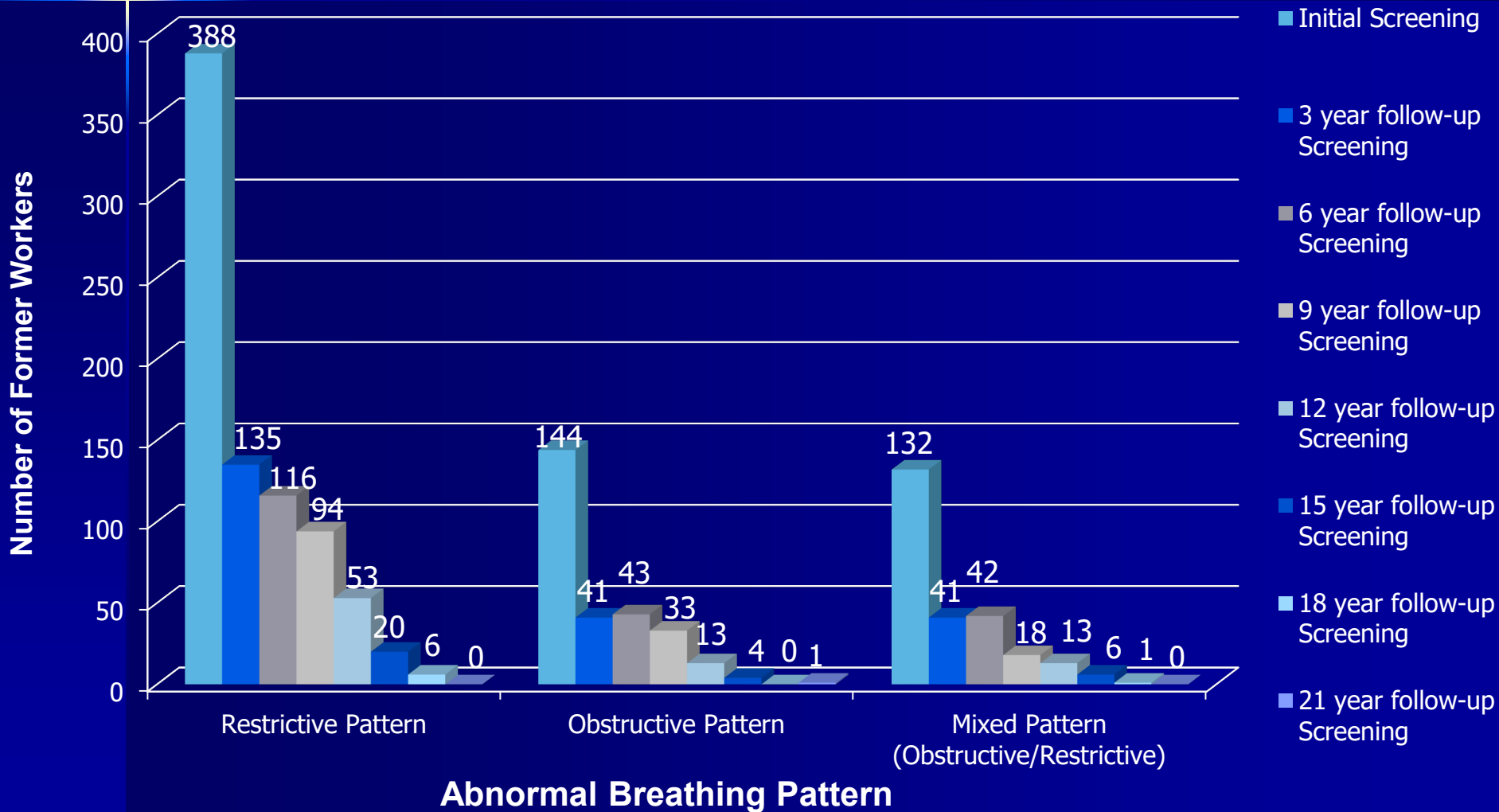
Chest X-ray Results, Ames Laboratory



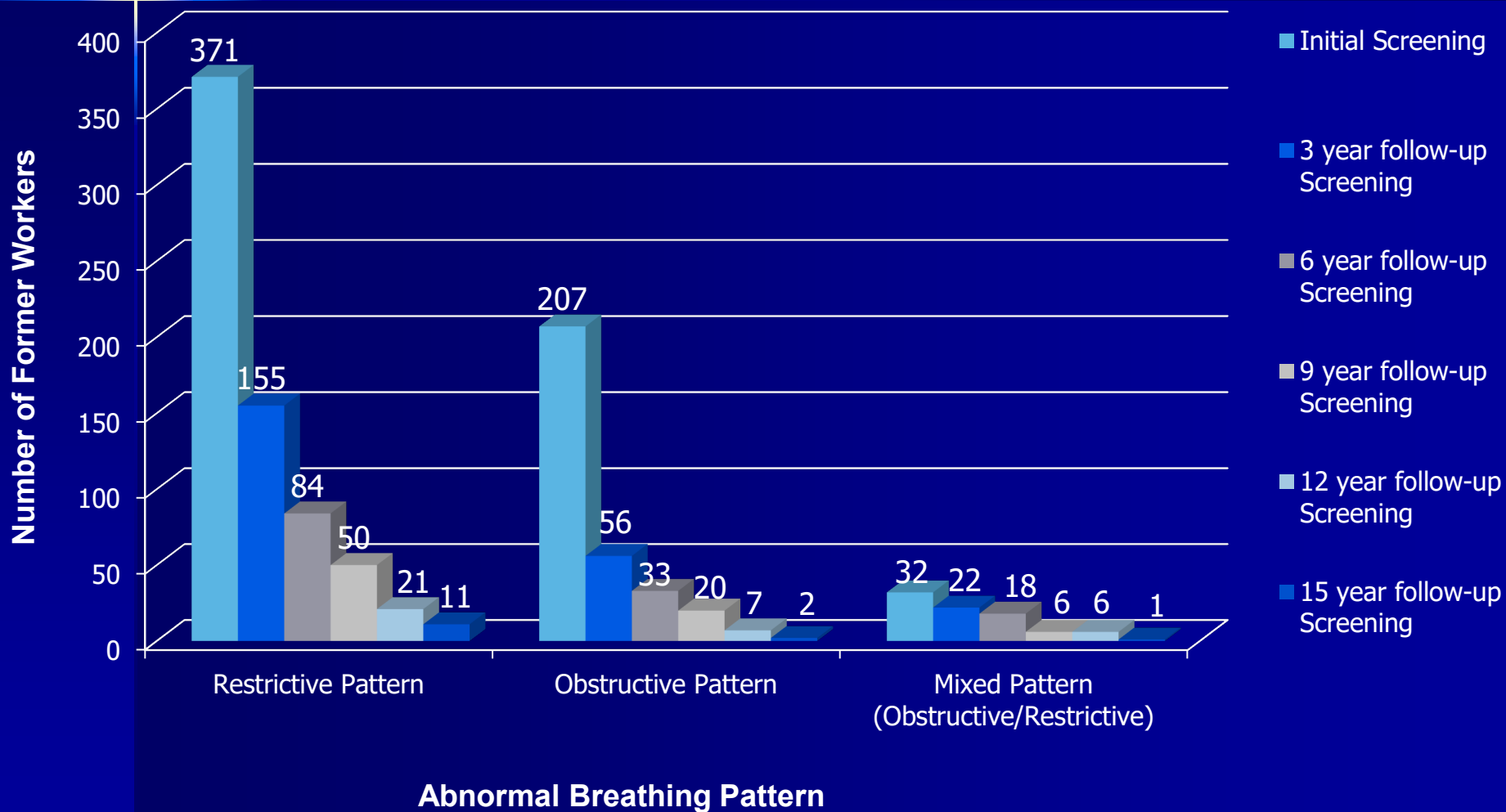
Total Former Workers Who Have Received Spirometry Test



Spirometry Results, BAECBP

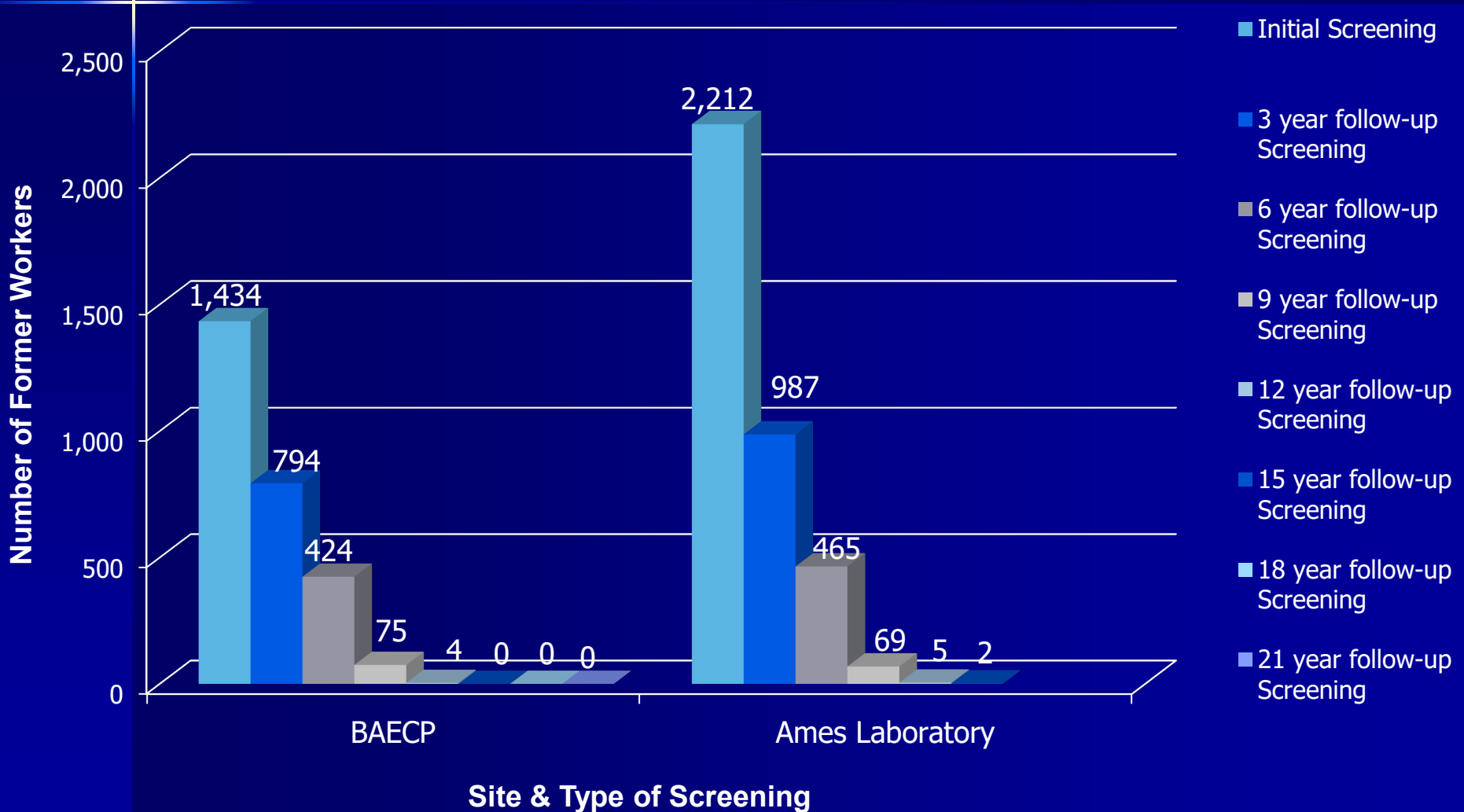


Spirometry Results, Ames Laboratory

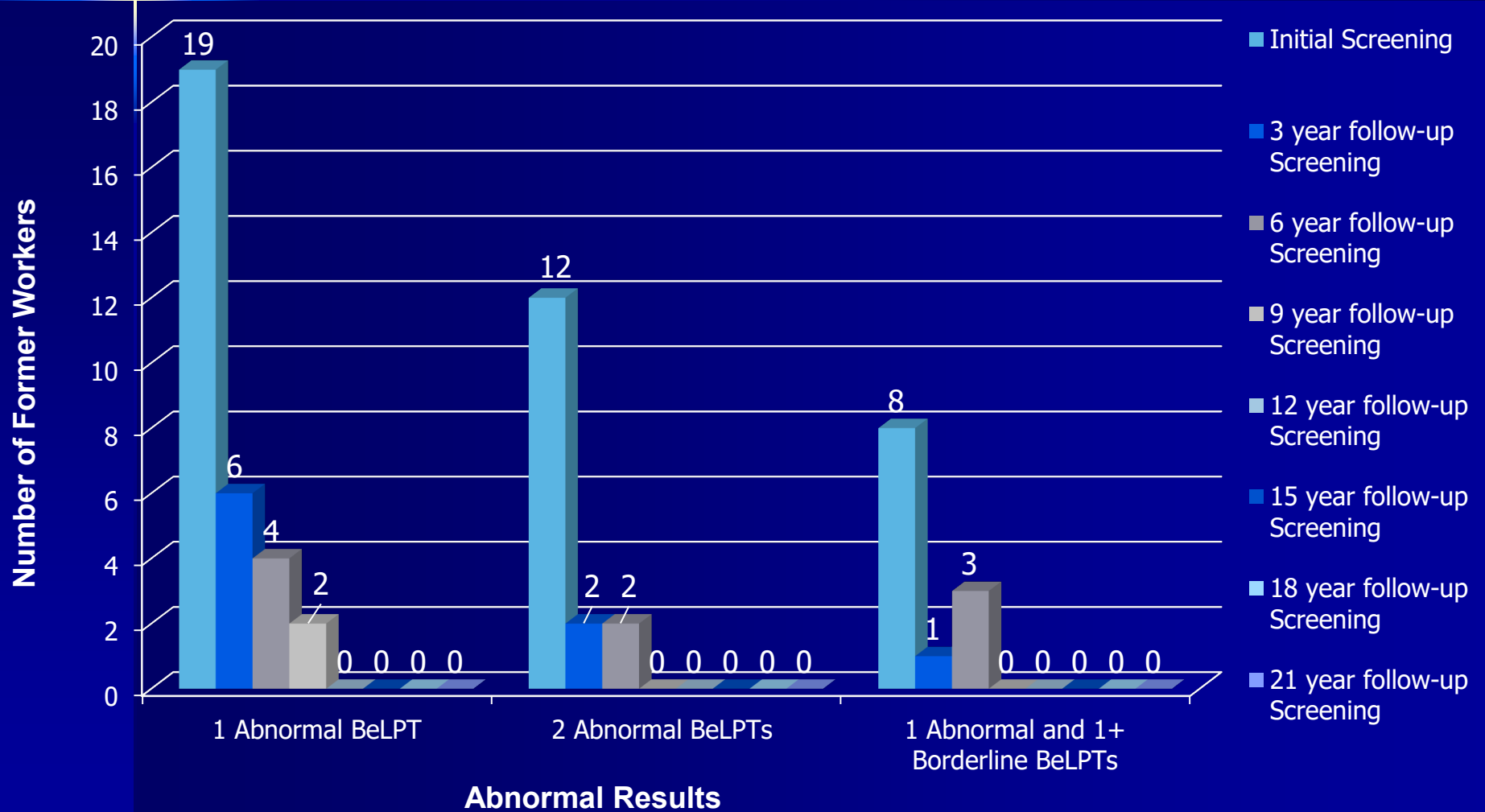


Total Former Workers Who Have Received Beryllium Sensitization Test

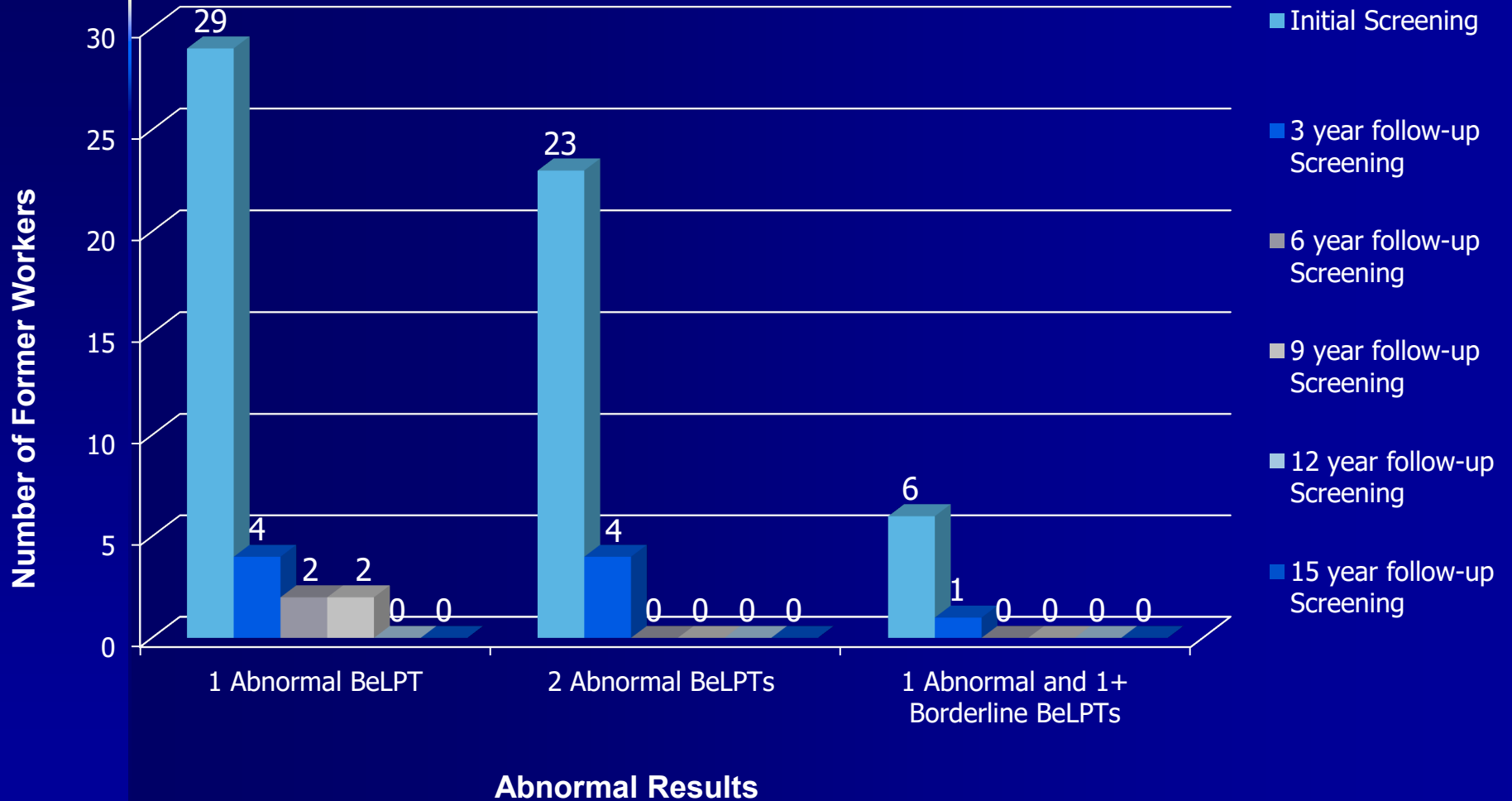
Beryllium Lymphocyte Proliferation Test (BeLPT)



BeLPT Results, 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	1,102	1,406
3 year follow-up Screening	93	467	560
6 year follow-up Screening	52	421	473
9 year follow-up Screening	27	302	329
12 year follow-up Screening	8	191	199
15 year follow-up Screening	3	77	80
18 year follow-up Screening	0	28	28
21 year follow-up Screening	0	2	2
Total	487	2,590	3,077
Ames Laboratory			
Initial Screening	417	1,678	2,095
3 year follow-up Screening	241	914	1,155
6 year follow-up Screening	160	643	803
9 year follow-up Screening	83	409	492
12 year follow-up Screening	35	184	219
15 year follow-up Screening	7	37	44
Total	943	3,865	4,808

Uncontrolled Hypertension Detected

Level of Hypertension	BAECP	Ames Laboratory	Total
Hypertensive (bp >140/90)	337 (40%)	443 (25%)	780 (30%)
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	837	1,810	2,647

Uncontrolled Diabetes Mellitus Detected

Glucose Test	BAECP	Ames Laboratory	Total
Hyperglycemia (non-fasting glucose ≥ 200 mg/dL)	163 (11.9%)	71 (3.3%)	234 (6.7%)
Total Glucose Tests	1,370	2,128	3,498

A1c Test	BAECP	Ames Laboratory	Total
Fair Control of Diabetes (hemoglobin A1c 7.1—9.0)	112 (14.9%)	70 (5.5%)	182 (9.0%)
Poor Control of Diabetes (hemoglobin A1c ≥ 9.1)	26 (3.5%)	10 (0.8%)	36 (1.8%)
Total A1c Tests	750	1,262	2,012

Newly Diagnosed Cancers Post Screening

	BAECP n=1,441	Ames Laboratory n=2,281
Newly diagnosed cancers since FWP screening	147 (10.2%)	222 (9.7%)
Most frequent cancer diagnoses	Lung = 33 Skin = 30 Prostate = 17 Colon, Rectum = 16 Bladder = 13 Blood = 8 Kidney = 5	Skin = 94 Prostate = 48 Blood = 14 Lung = 12 Breast = 11 Bladder = 9 Colon, Rectum = 7 Bone = 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