

# ***Former Worker Medical Screening Program (FWP)***

## ***Screening Results***

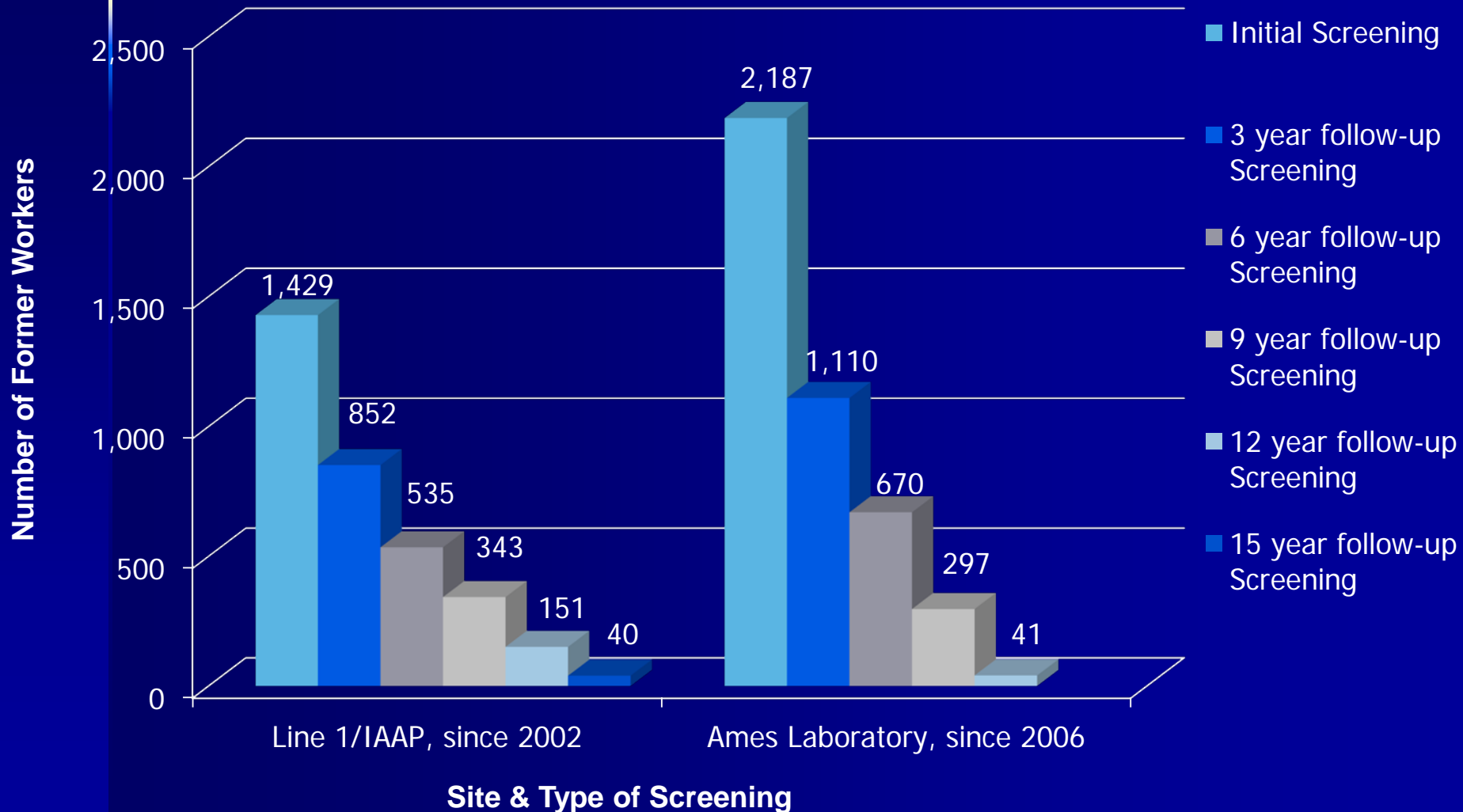
***Line 1/IAAP: 2002 – September 30, 2019***

***Ames Laboratory: 2006 – September 30, 2019***

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

# Total Former Workers Who Have Received Medical Screening

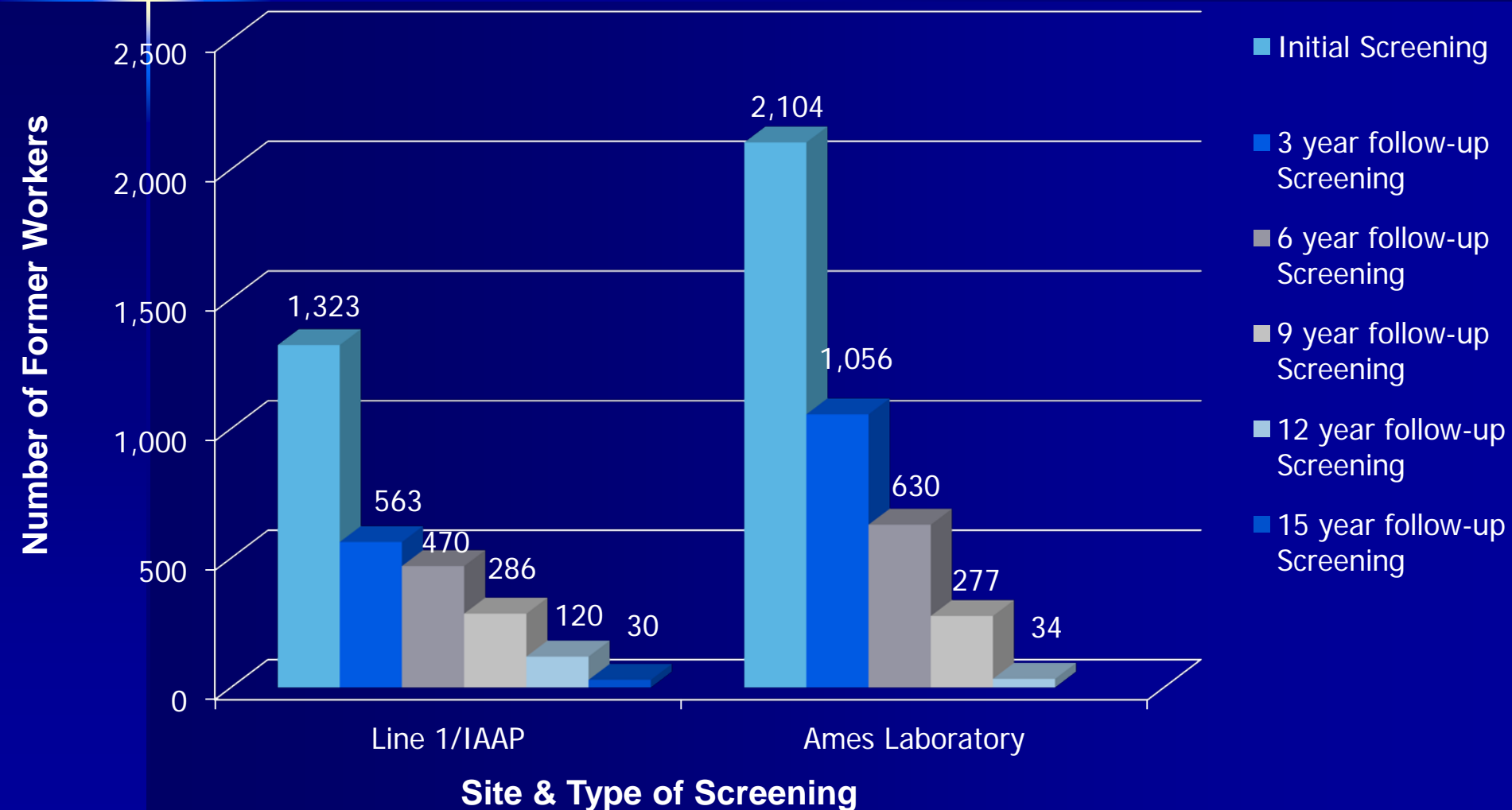
Screenings conducted through University of Iowa & National Supplemental Screening Program (NSSP)



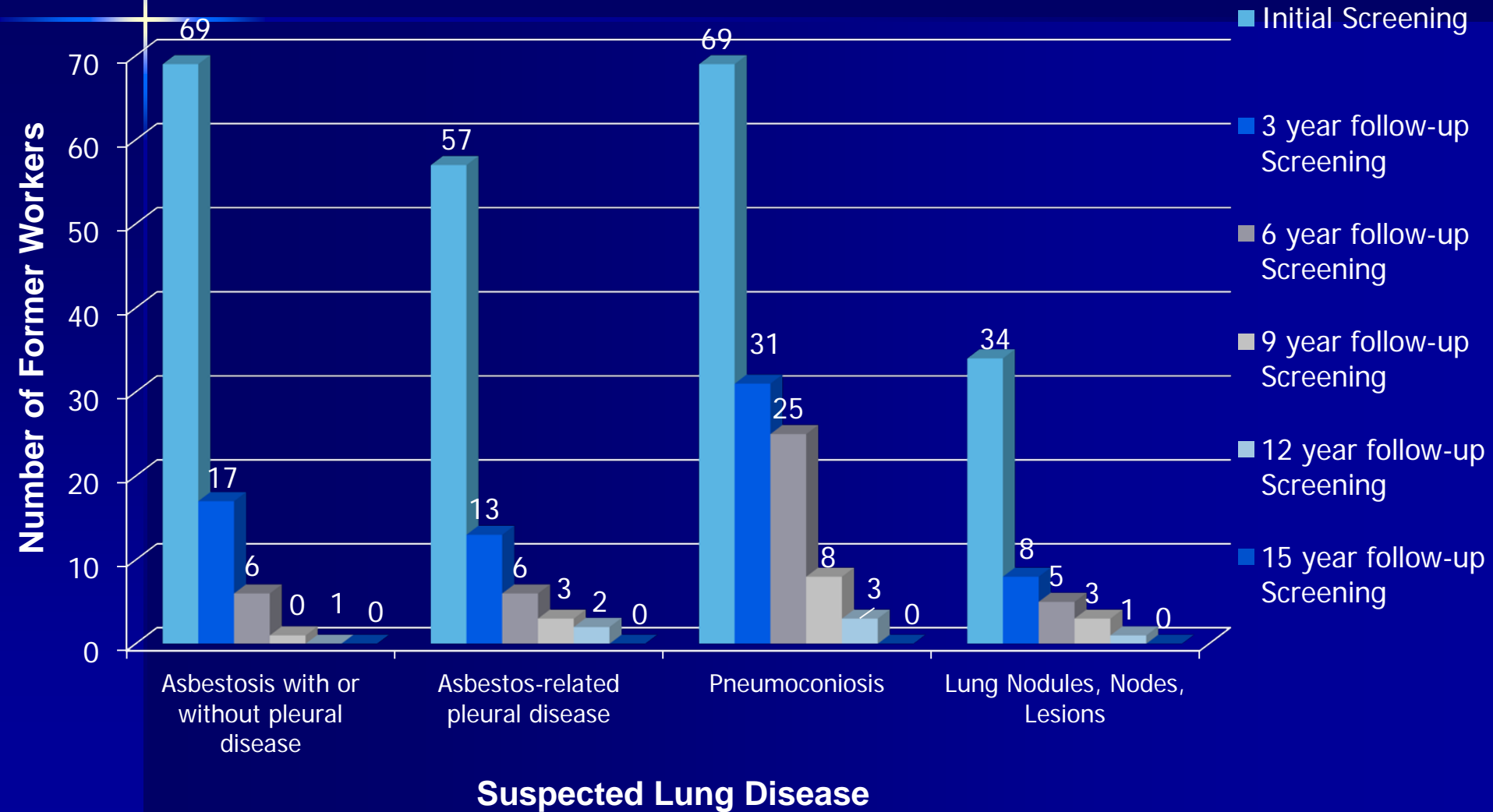
# Age of Former Workers Screened

	<b>Males:</b> average age (age range)	<b>Females:</b> average age (age range)
<b>Line 1/IAAP</b>		
Initial Screening	71 (40 - 95)	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)	77 (67 - 88)
15 year follow-up Screening	81 (69 - 92)	75 (70 - 90)
<b>Ames Laboratory</b>		
Initial Screening	62 (20 - 98)	57 (21 - 88)
3 year follow-up Screening	66 (27 - 92)	61 (27 - 88)
6 year follow-up Screening	70 (32 - 94)	66 (41 - 91)
9 year follow-up Screening	75 (45 - 93)	68 (47 - 93)
12 year follow-up Screening	77 (57 - 90)	76 (61 - 88)

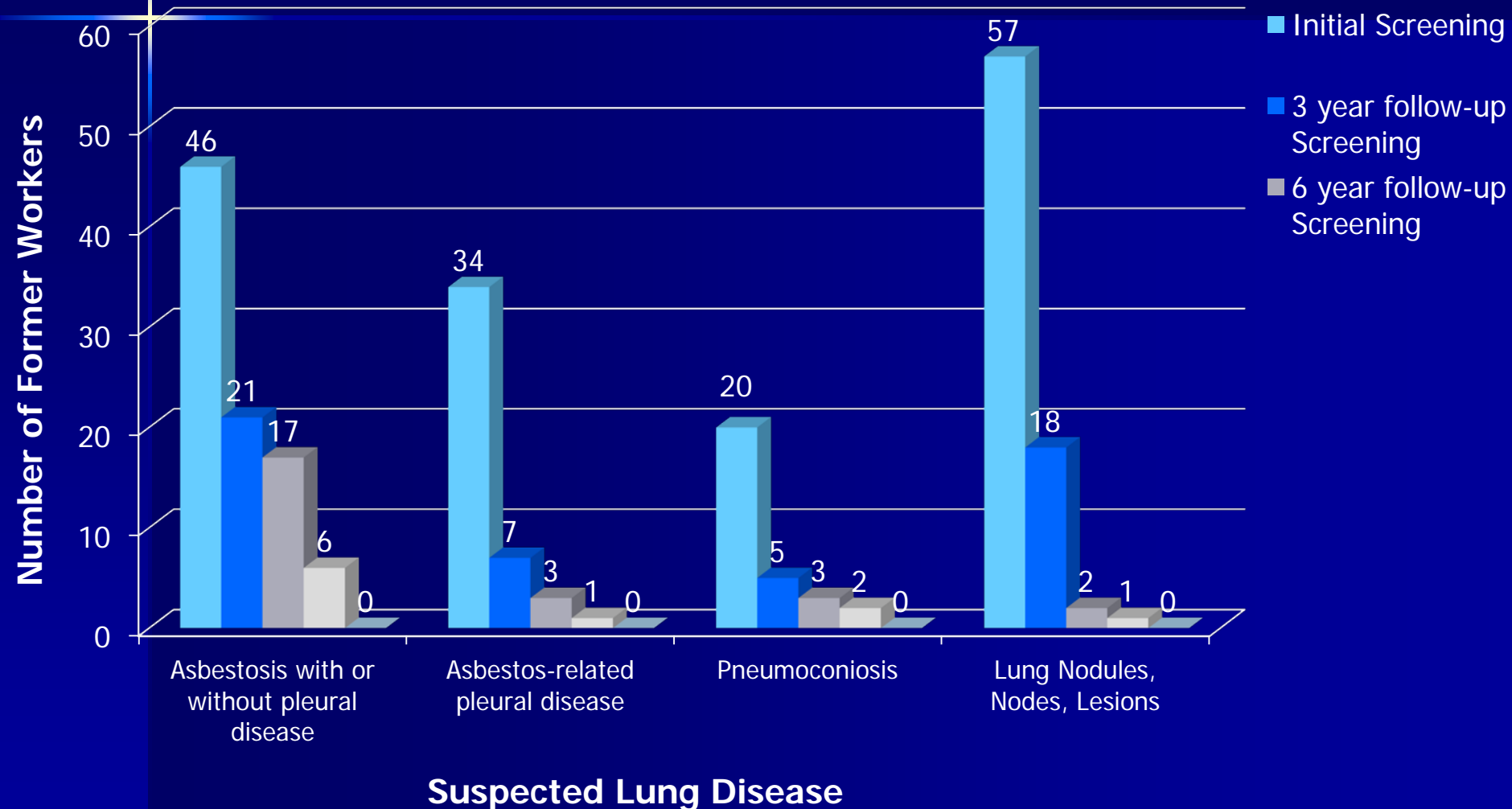
# Total Former Workers Who Have Received Chest X-ray



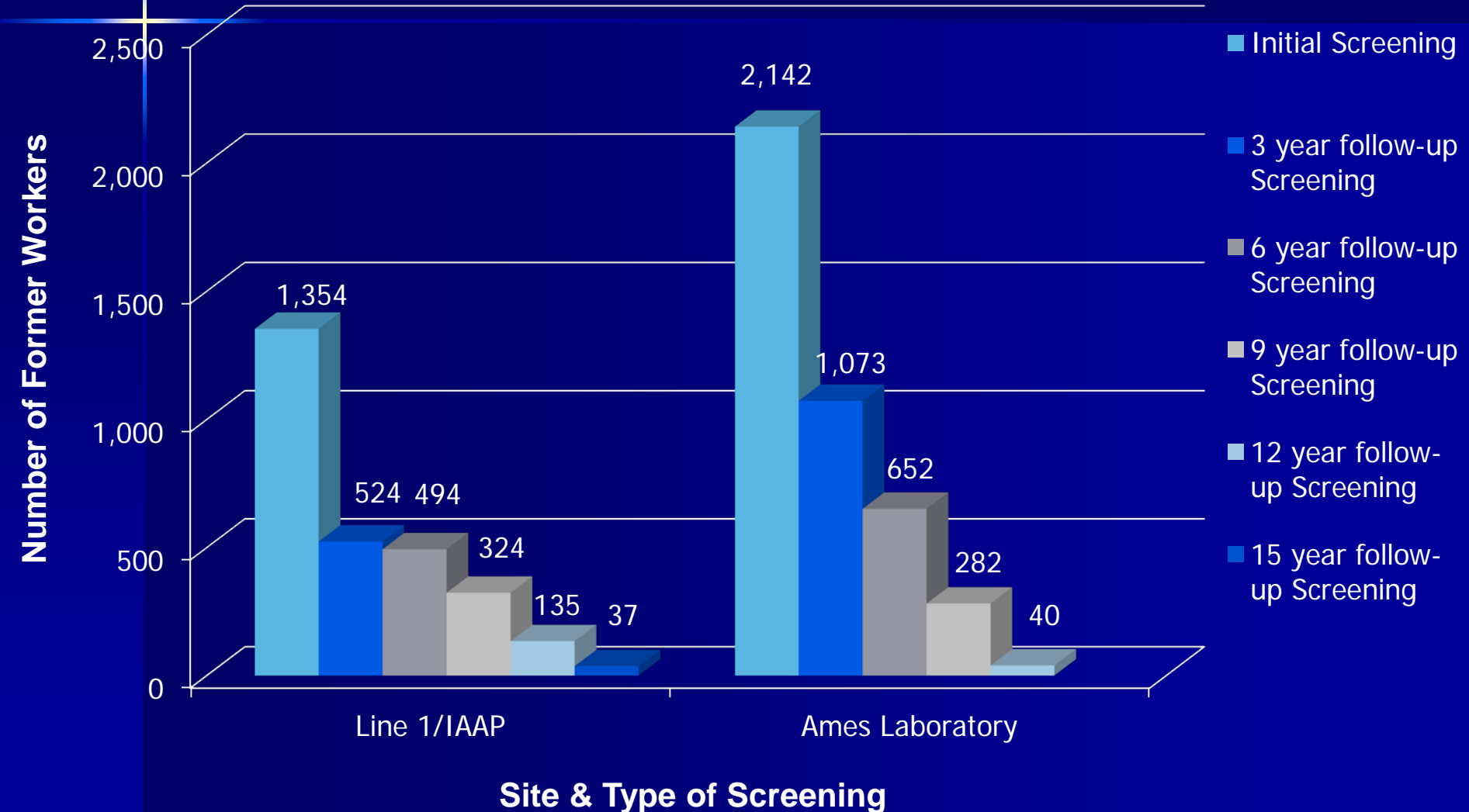
# Chest X-ray Results, Line 1/IAAP



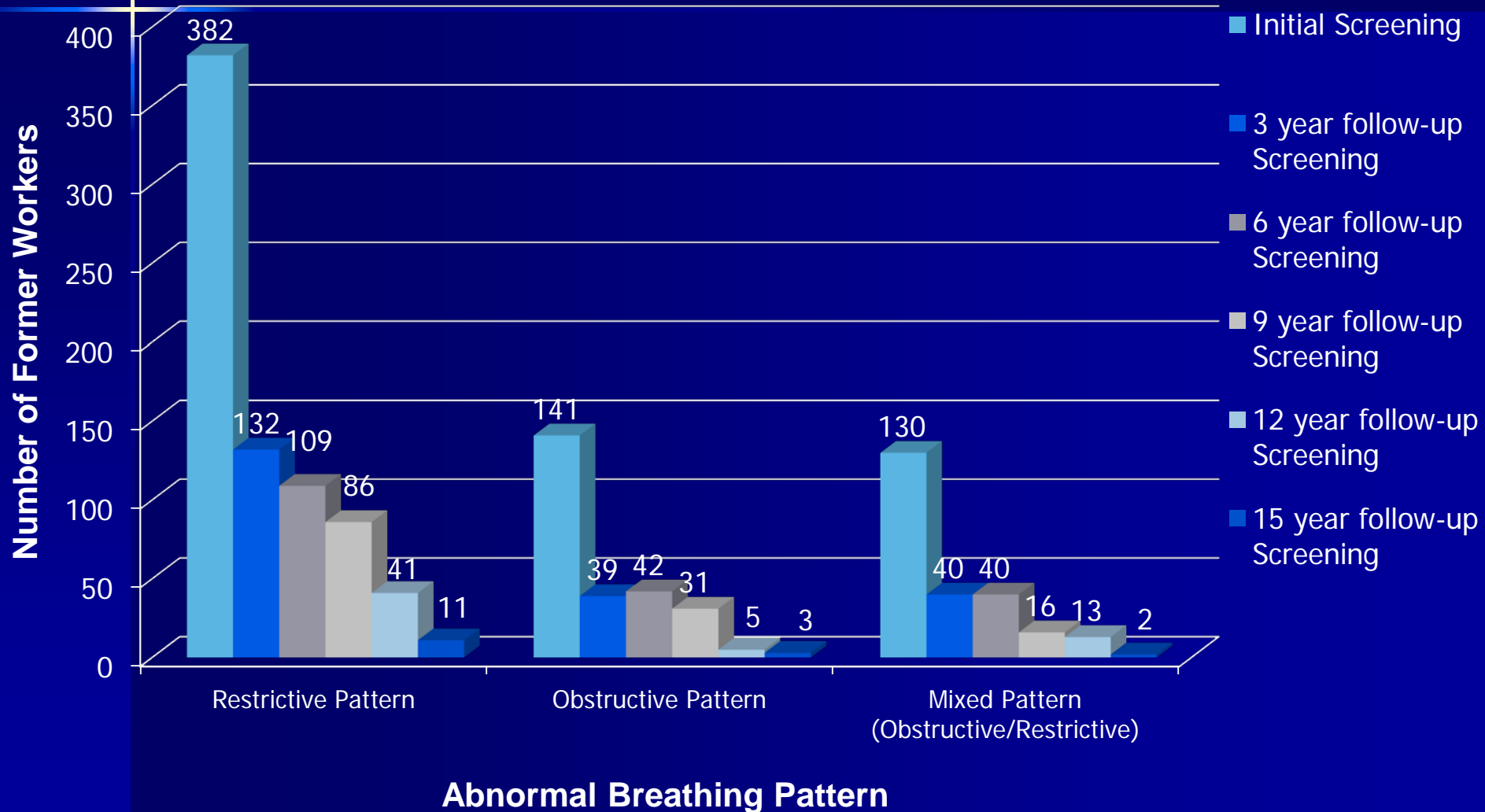
# Chest X-ray Results, Ames Laboratory



# Total Former Workers Who Have Received Spirometry Test

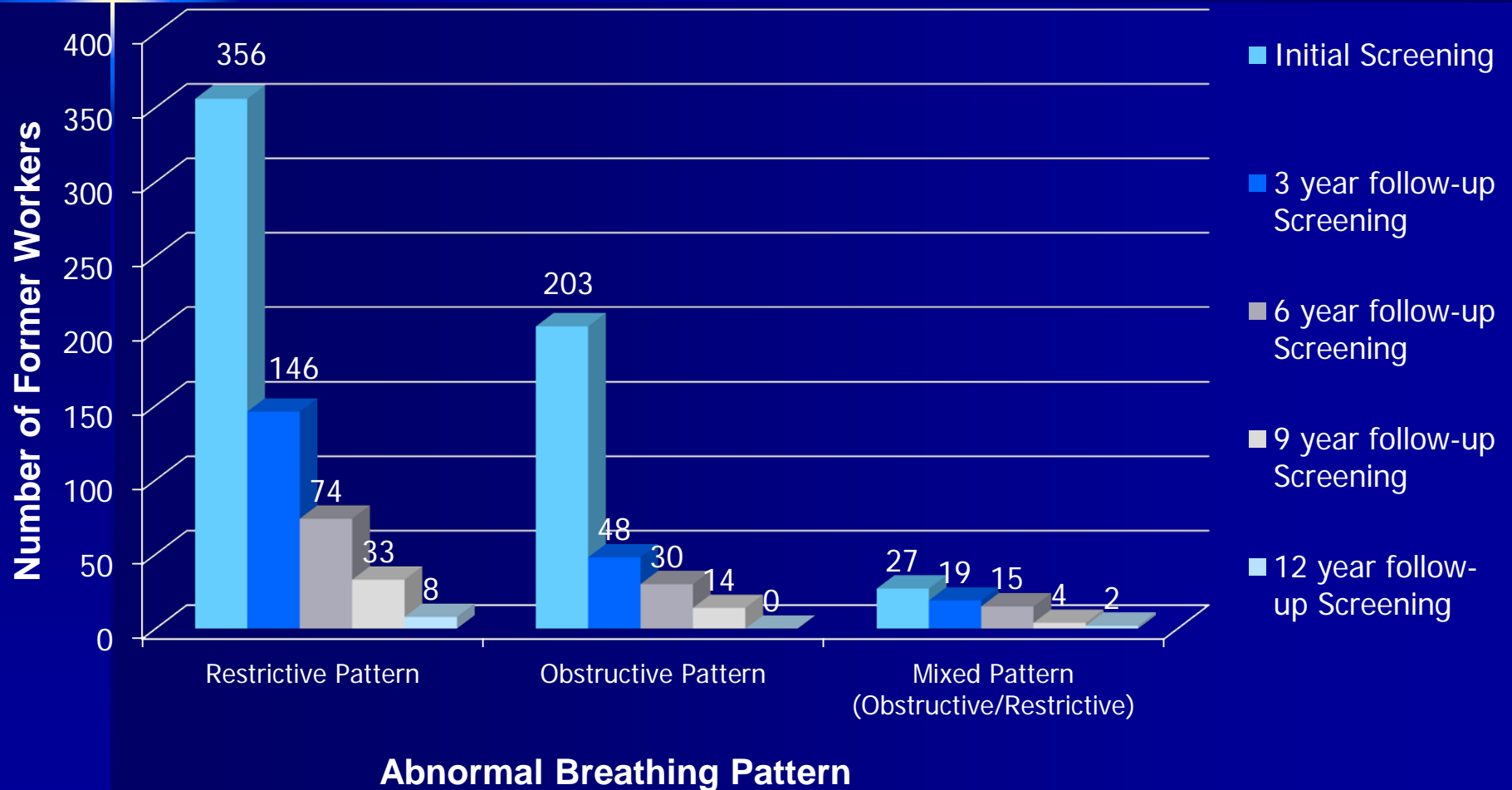


# Spirometry Results, Line 1/IAAP



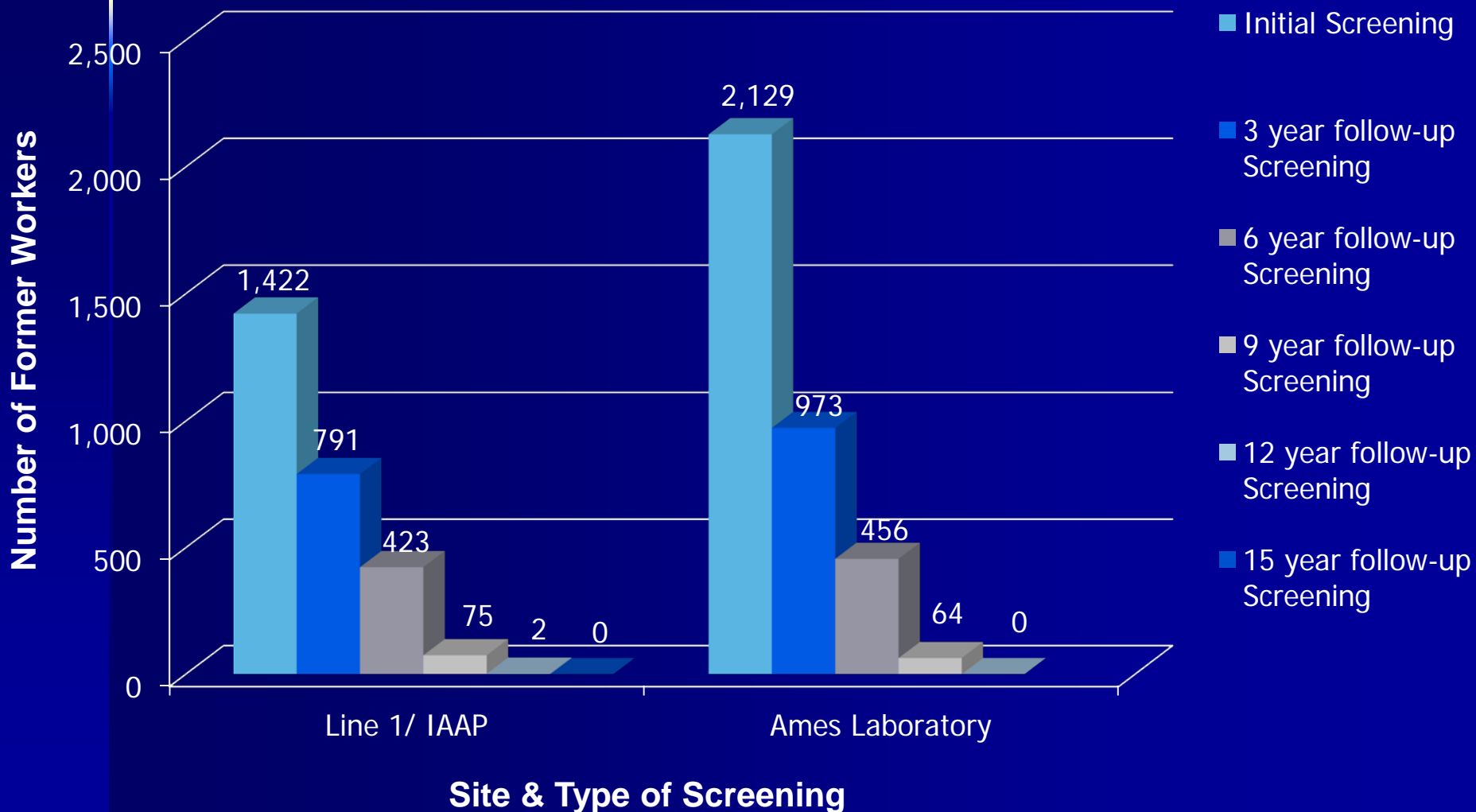


# Spirometry Results, Ames Laboratory

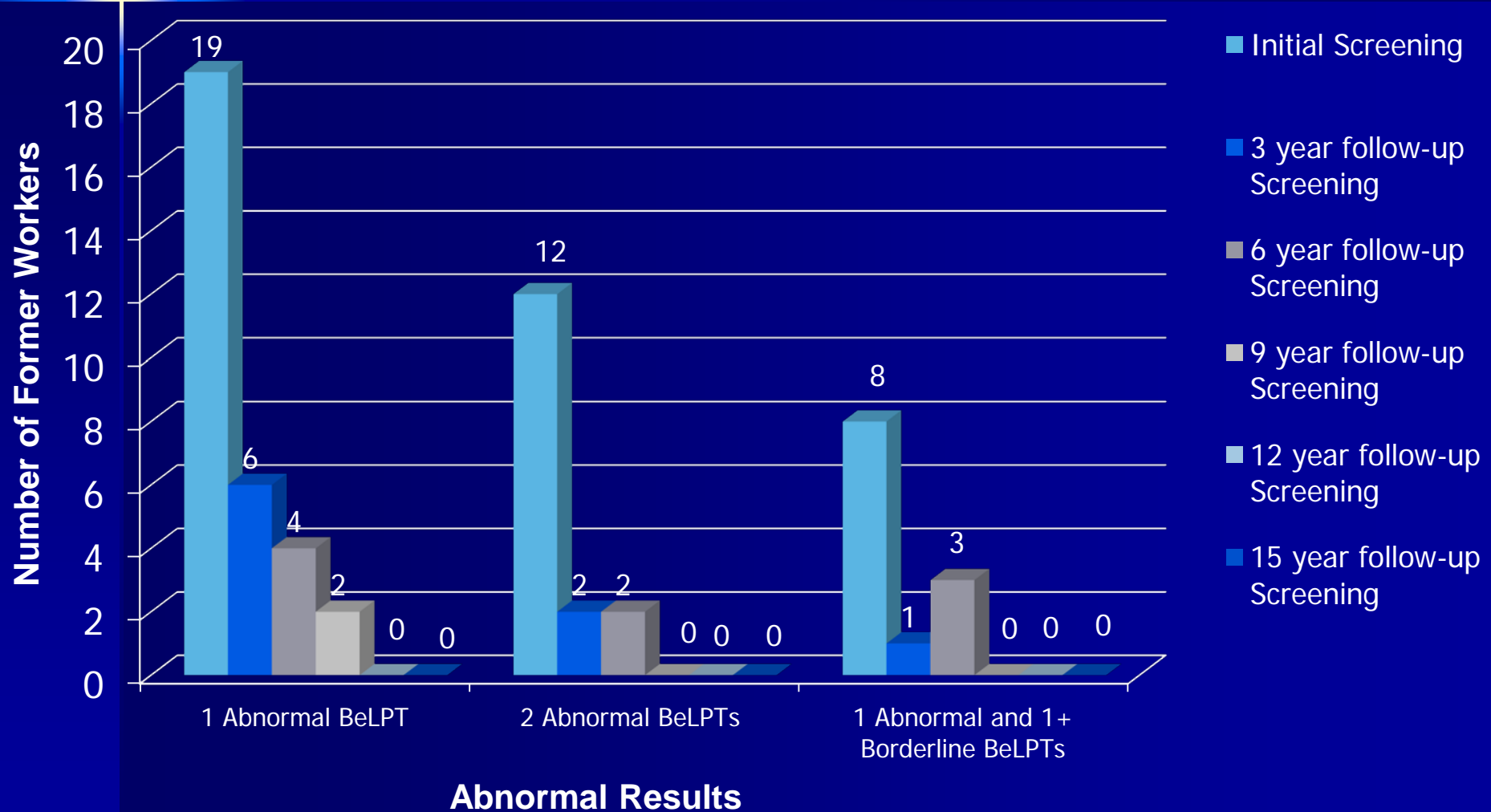


# Total Former Workers Who Have Received Beryllium Sensitization Test

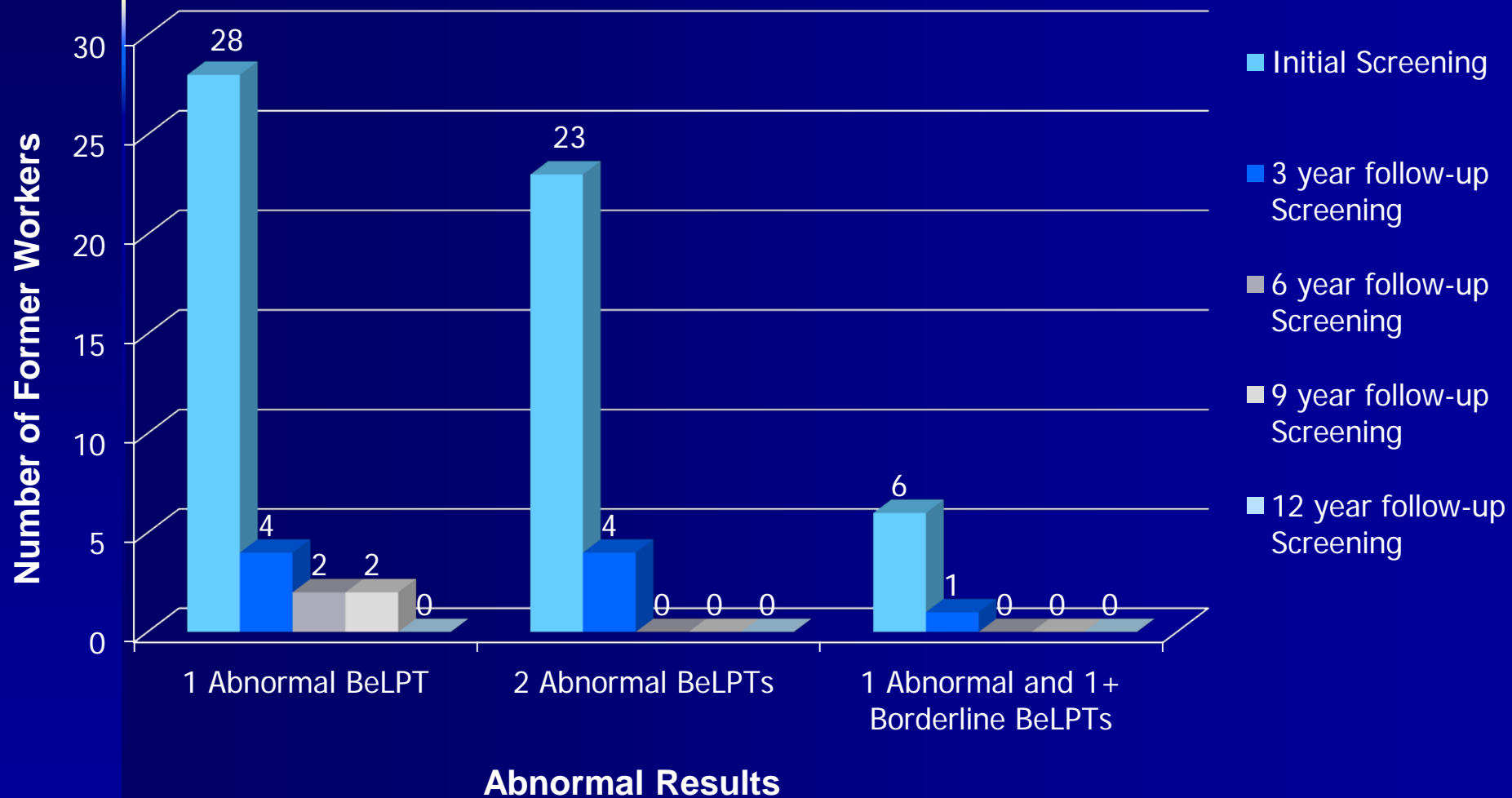
Beryllium Lymphocyte Proliferation Test (BeLPT)



# BeLPT Results, Line 1/IAAP



# 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
<b>Line 1/IAAP</b>			
Initial Screening	302	1,089	<b>1,391</b>
3 year follow-up Screening	85	439	<b>524</b>
6 year follow-up Screening	50	397	<b>447</b>
9 year follow-up Screening	24	275	<b>299</b>
12 year follow-up Screening	6	127	<b>133</b>
15 year follow-up Screening	1	36	<b>37</b>
<b>Total</b>	<b>468</b>	<b>2,363</b>	<b>2,831</b>
<b>Ames Laboratory</b>			
Initial Screening	396	1,606	<b>2,002</b>
3 year follow-up Screening	207	770	<b>977</b>
6 year follow-up Screening	131	514	<b>645</b>
9 year follow-up Screening	44	223	<b>267</b>
12 year follow-up Screening	5	36	<b>41</b>
<b>Total</b>	<b>783</b>	<b>3,149</b>	<b>3,932</b>

# Uncontrolled Hypertension Detected

Level of Hypertension	Line 1/IAAP	Ames Laboratory	Total
<b>Hypertensive</b> (bp >140/90)	309 (37.6%)	357 (21%)	<b>666 (26%)</b>
<b>Urgent/Severe Hypertension</b> (bp >180/110)	17 (2%)	5 (0.3%)	<b>22 (0.9%)</b>
<b>Emergent Hypertension</b> (bp >220/140)	1 (0.1%)	0 (0.0%)	<b>1 (0.04%)</b>
<b>Total Blood Pressure Readings</b>	<b>821</b>	<b>1,711</b>	<b>2,532</b>

# Uncontrolled Diabetes Mellitus Detected

Glucose Test	Line 1/IAAP	Ames Laboratory	Total
<b>Hyperglycemia</b> (non-fasting glucose $\geq 200\text{mg/dL}$ )	158 (11.7%)	63 (3.1%)	<b>221 (6.5%)</b>
<b>Total Glucose Tests</b>	<b>1,355</b>	<b>2,063</b>	<b>3,418</b>

A1c Test	Line 1/IAAP	Ames Laboratory	Total
<b>Fair Control of Diabetes</b> (hemoglobin A1c 7.1—9.0)	108 (14.8%)	54 (5.1%)	<b>162 (9.1%)</b>
<b>Poor Control of Diabetes</b> (hemoglobin A1c $\geq 9.1$ )	24 (3.3%)	10 (0.9%)	<b>34 (1.9%)</b>
<b>Total A1c Tests</b>	<b>728</b>	<b>1,056</b>	<b>1,784</b>