



Health Screening Results

2019 - 2022 Aggregate Results





2019 through 2022 Combined Screening Results



Total Population

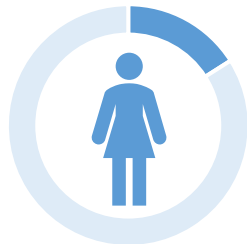
2019 through September 2022



6867 Participants



84%
(5763 males)

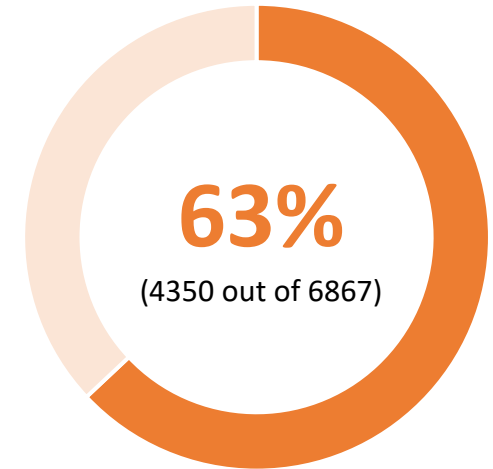


16%
(1090 females)

States Represented

- Florida
- Maryland
- Massachusetts
- New Jersey
- New York
- Pennsylvania
- Virginia
- Washington, D.C.

Percentage with at least one actionable finding





No gender specified for 14 participants

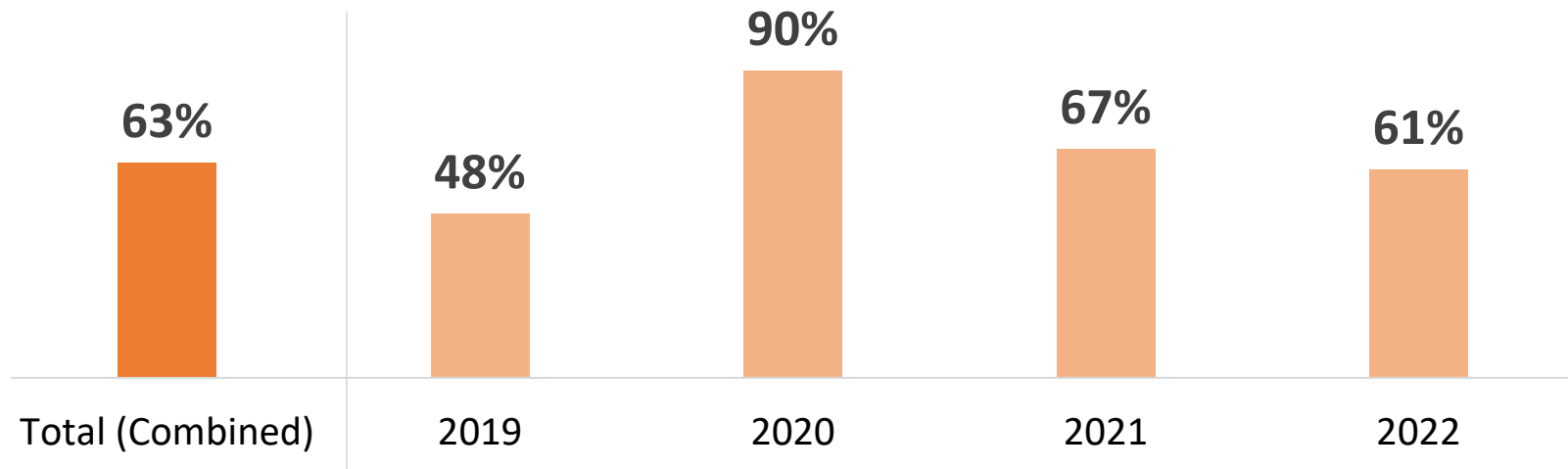


Demographics by Year

Includes Completed Screenings Through September 2022

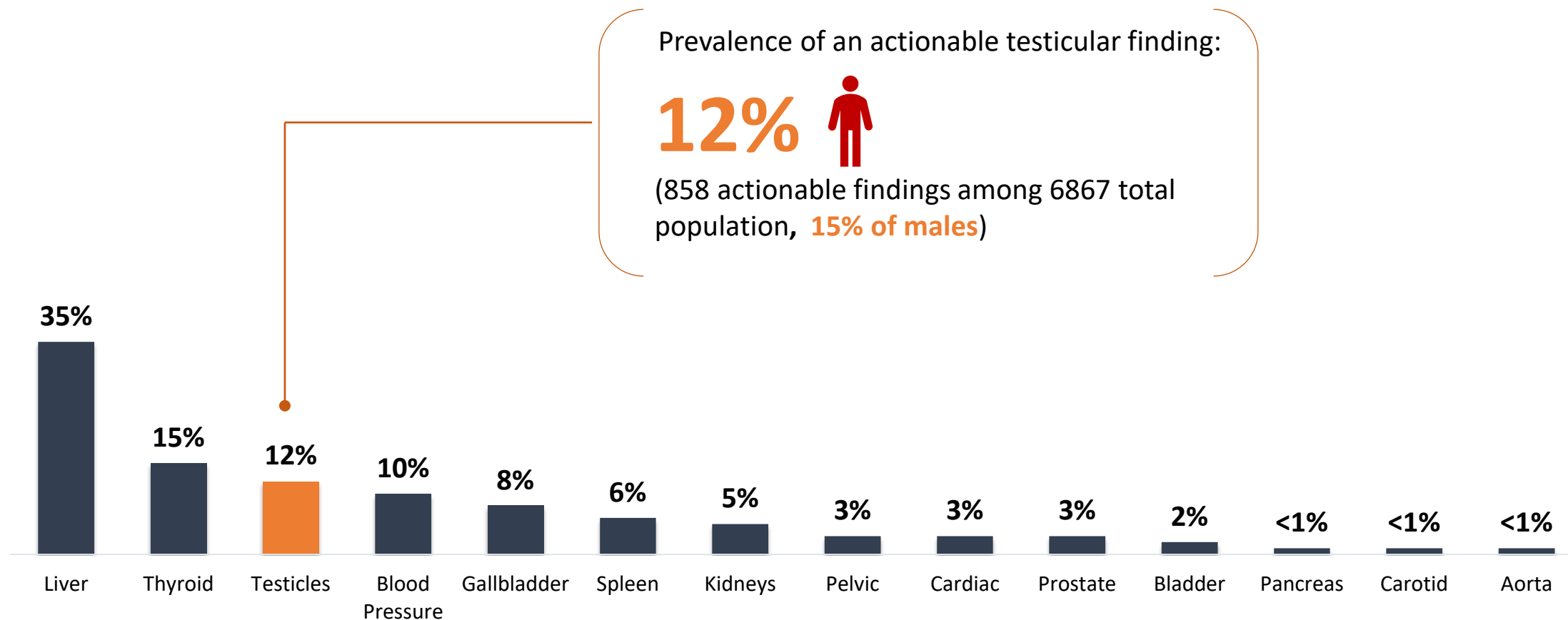
	Total (Combined)	2019	2020	2021	2022
Total Participants (N)	6867	337	190	2154	4186
 Male	84%	86%	92%	80%	86%
 Female	16%	14%	8%	20%	14%

Percentage with at least one actionable finding



Total Population 2019 through 2022 – Actionable Findings

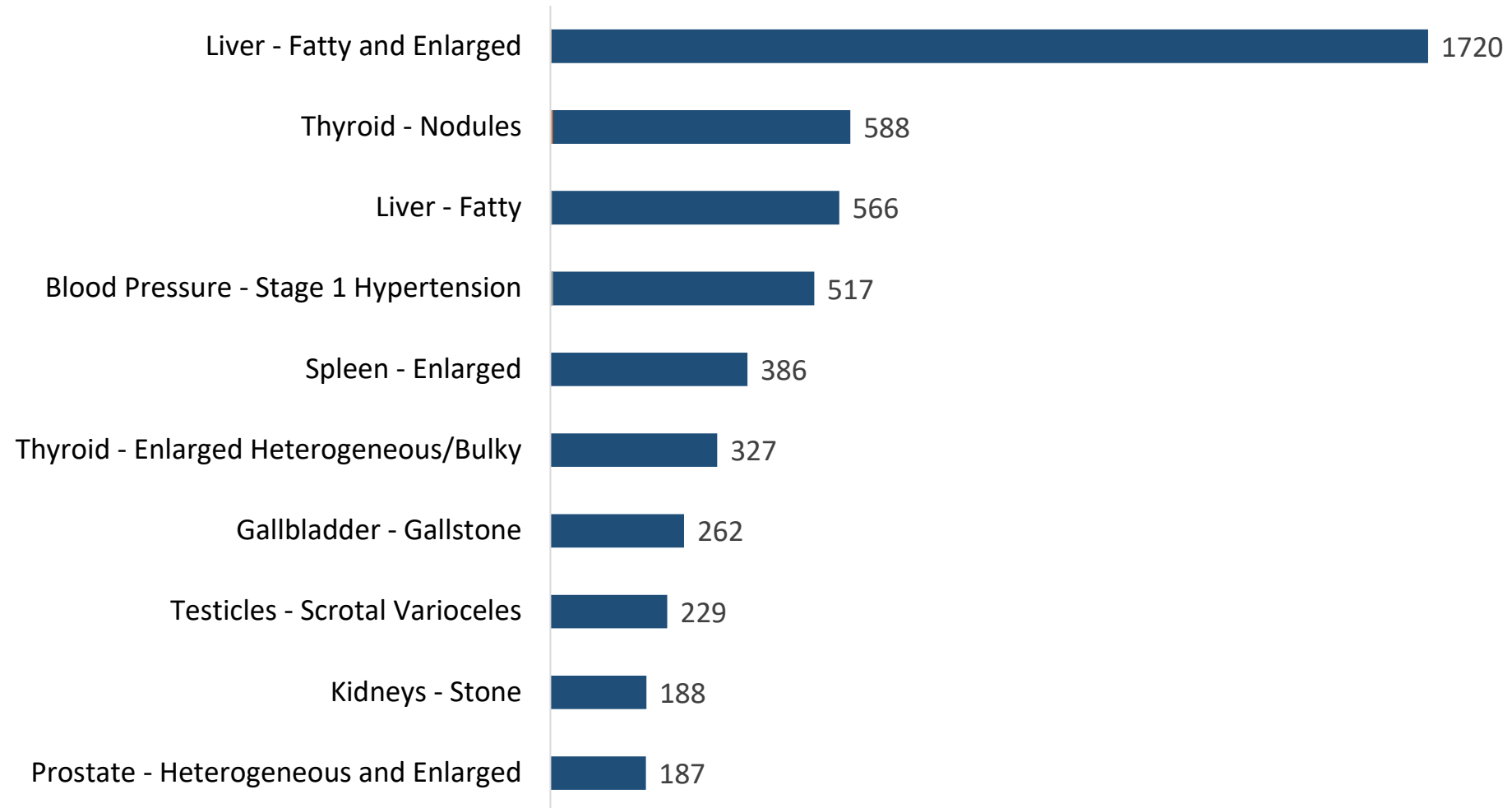
(Among total population, N=6867)



Note: A patient may receive more than one actionable finding within an organ/body system.

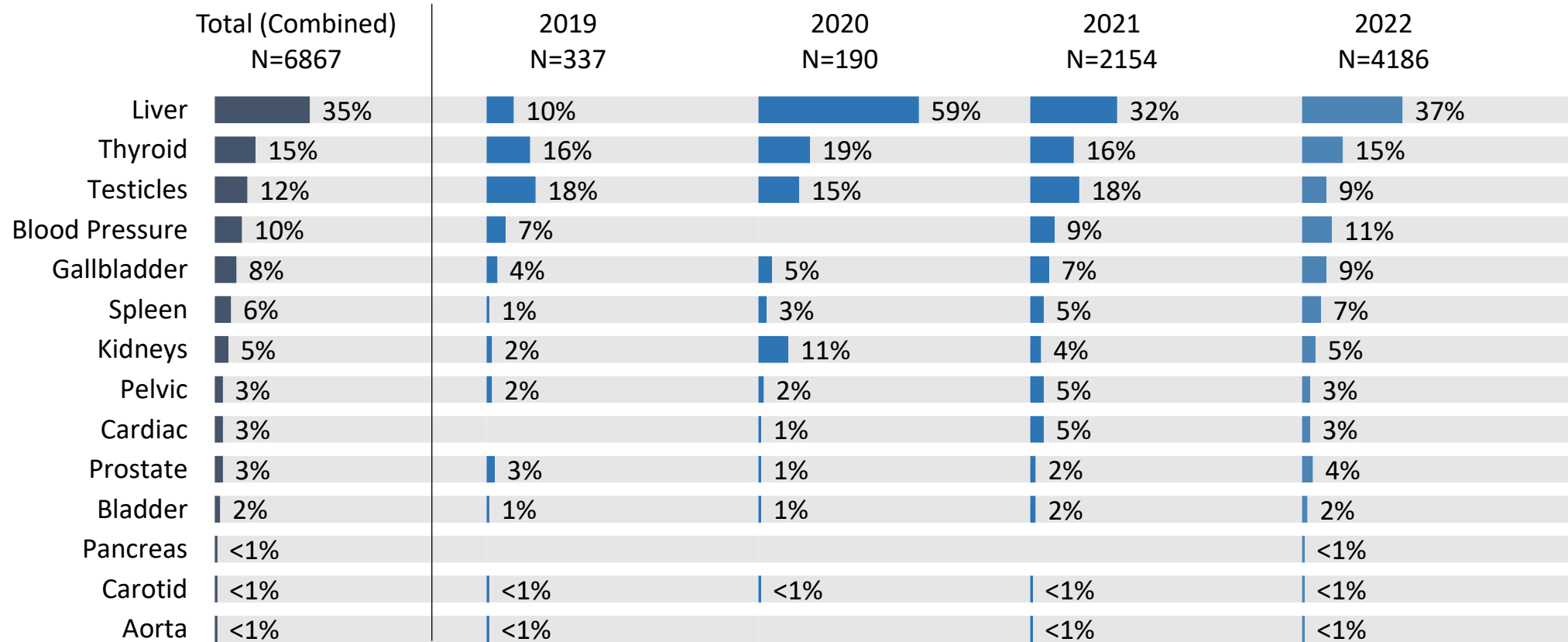
Top 10 Specific Actionable Findings

(Among total population across all years, N=6867)



Prevalence Rate of Actionable Findings – Comparison

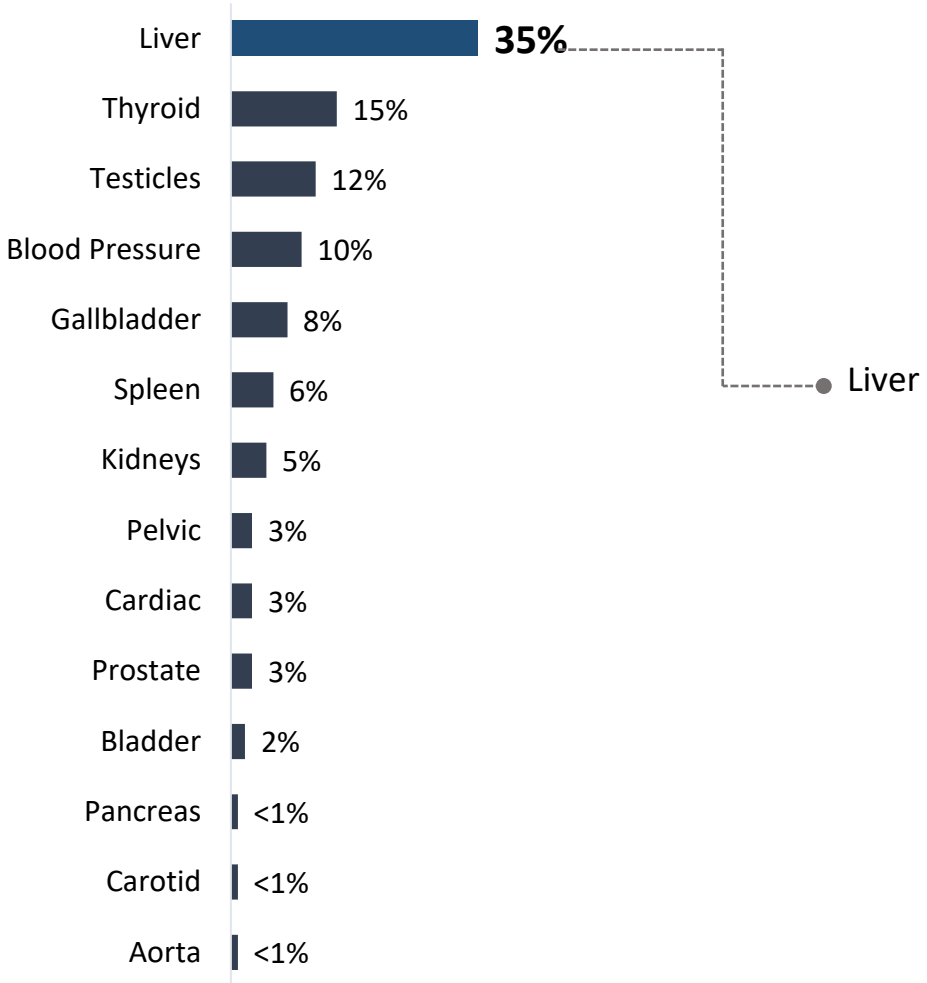
2019 – September 2022 Screenings



Note: A patient may receive more than one actionable finding within an organ/body system.

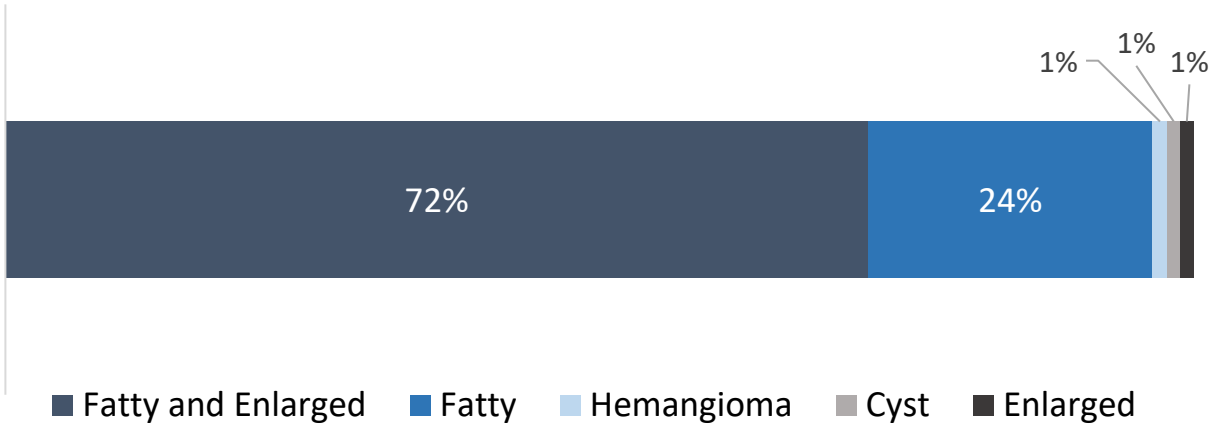
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings - Liver

(2391 actionable findings)

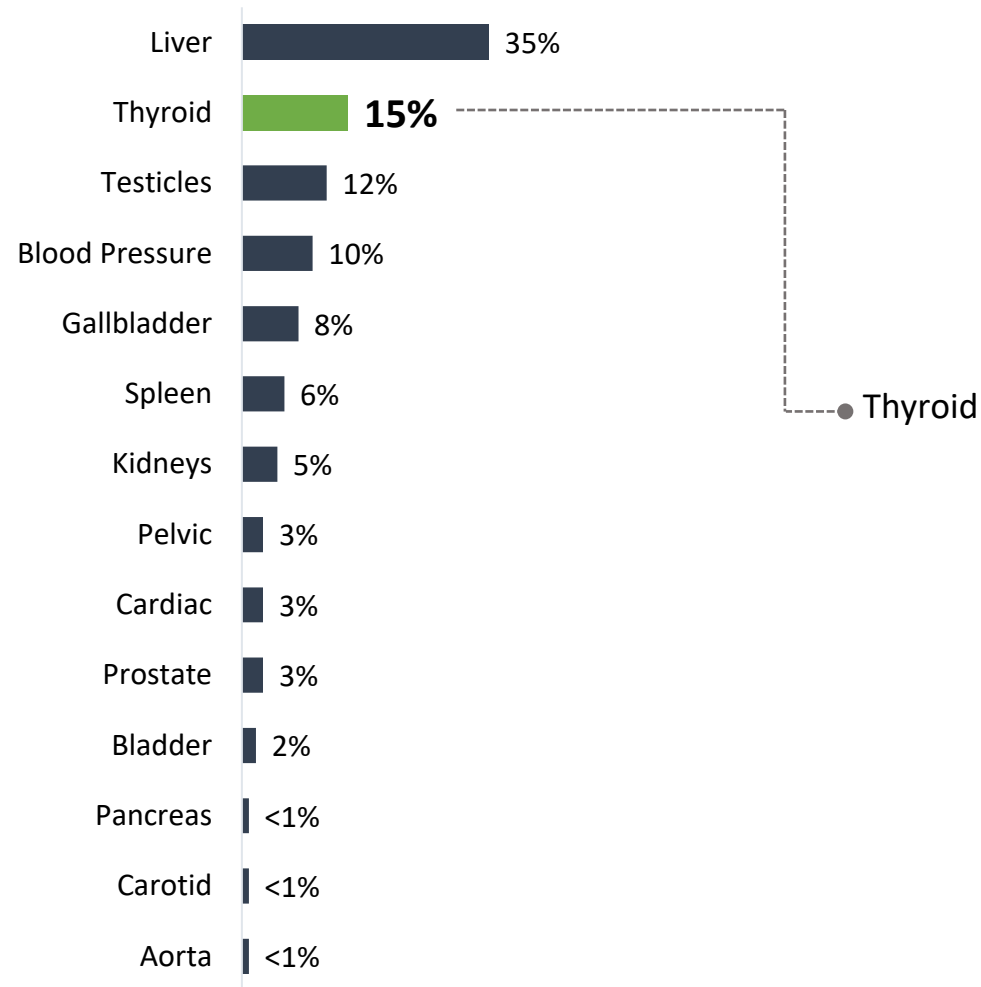


Other actionable findings (<1% each)

Abnormal, Mass, Structure, Heterogeneous, Ill-Defined Mass, Hypochoic Region, Complex Cystic Mass

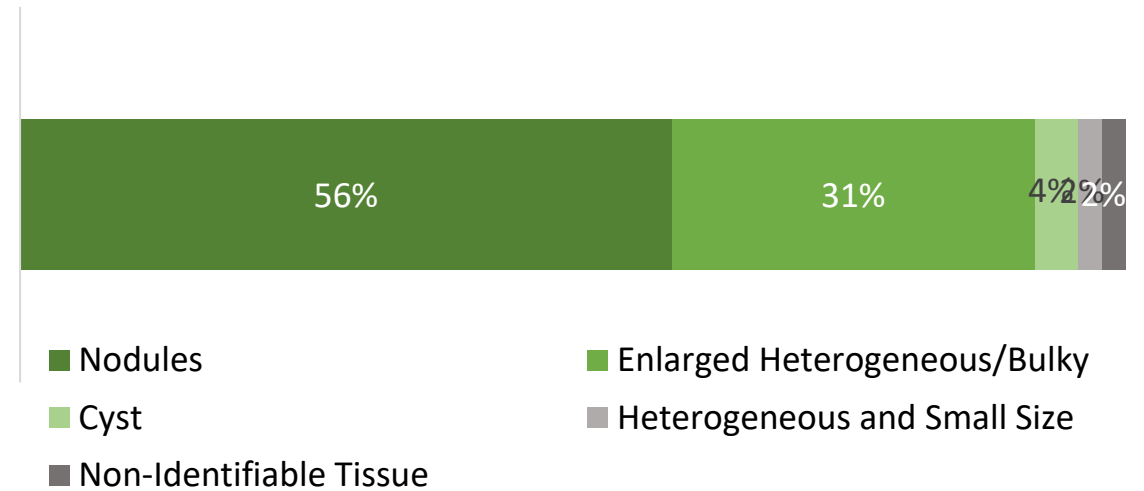
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings - Thyroid

(1055 actionable findings)

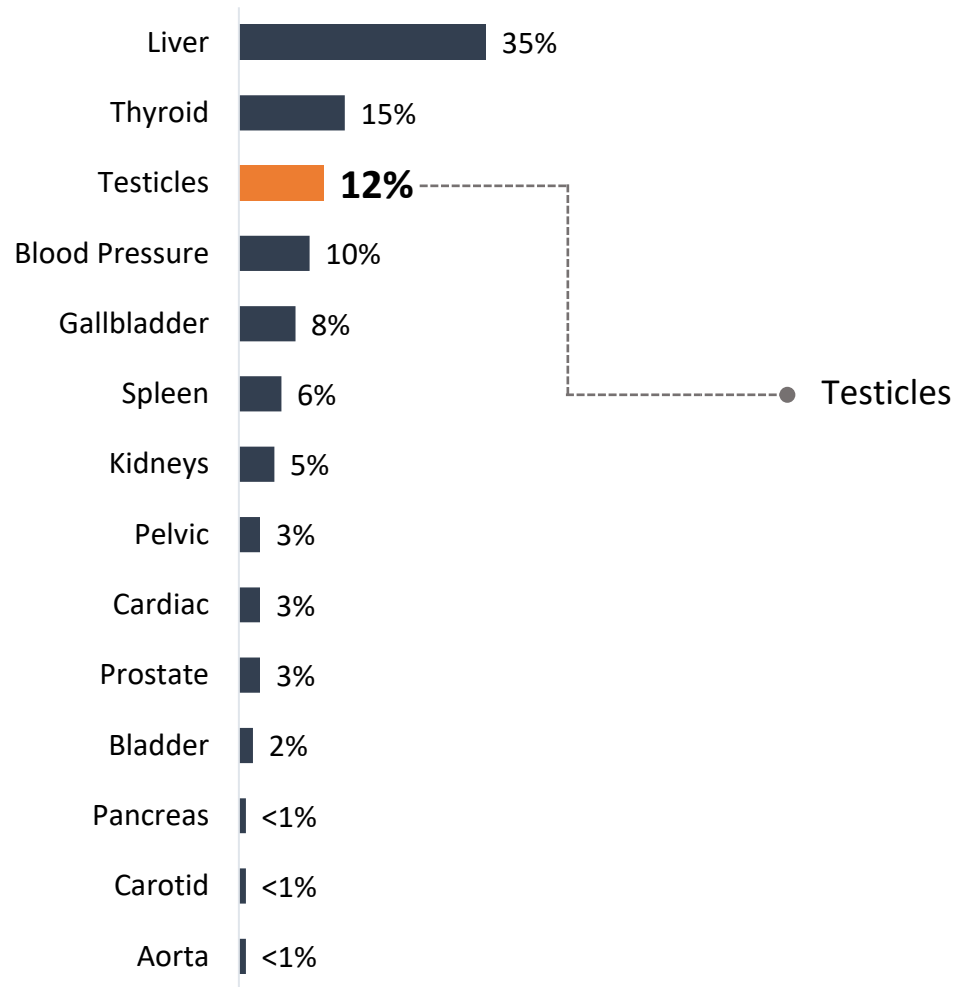


Other actionable findings (<2% each)

Follicles, Enlarged, Nodule Complex, Increased Vascularity, Smaller in size, Irregular Shape, Abnormal, Heterogeneous and Atrophic in Size, Enlarged Lymph Node, Structure, Heterogeneous, Atrophy, Prominent Lymph Nodes

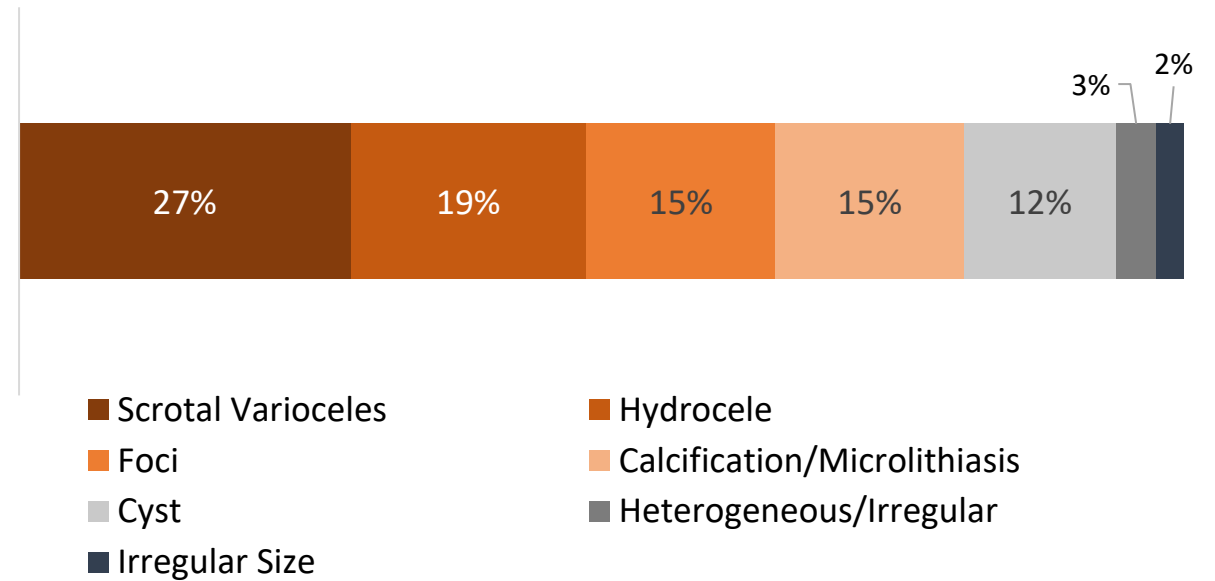
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings – Testicles (Males)

(858 actionable findings)

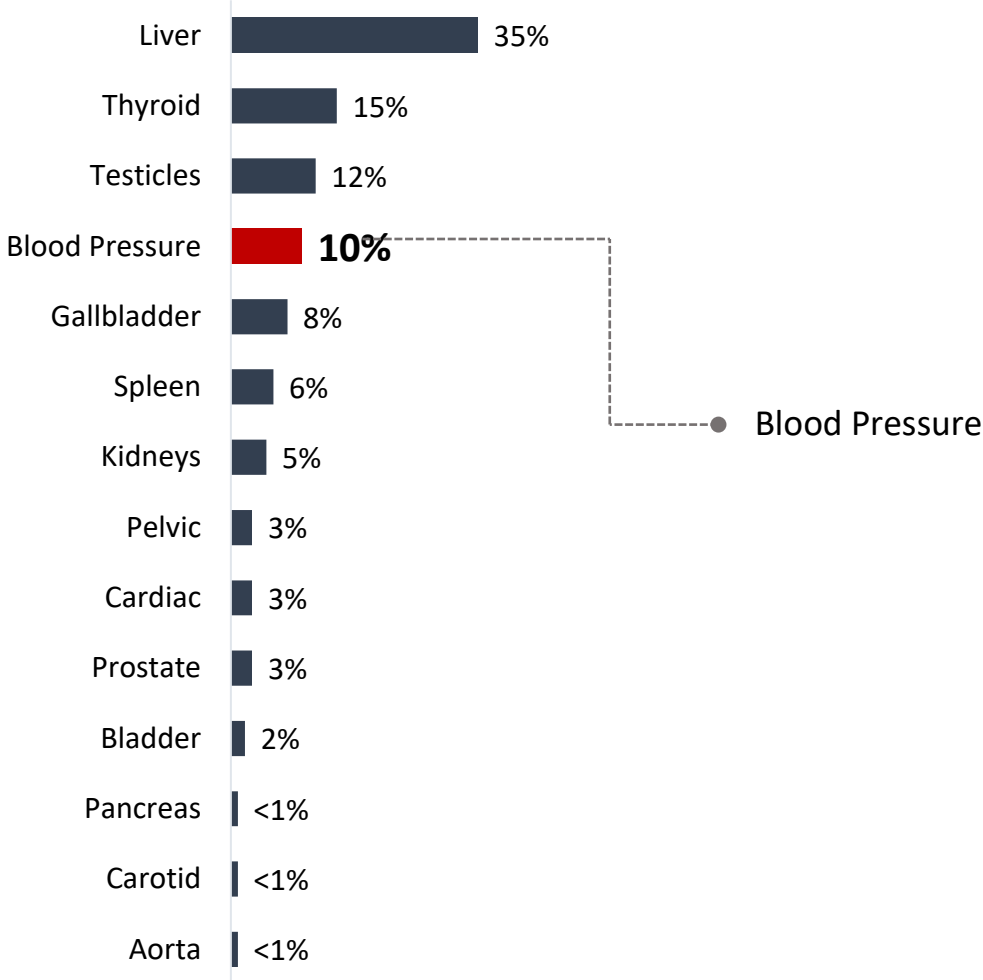


Other actionable findings (<2% each)

Microlithiasis, Tortuous Vessels, Heterogeneous Epididymis, Calcification, Abnormal, Structure, Hypoechoic Region, Mass, Nodular, Atrophic, Irregular Structure, Complex, Cyst

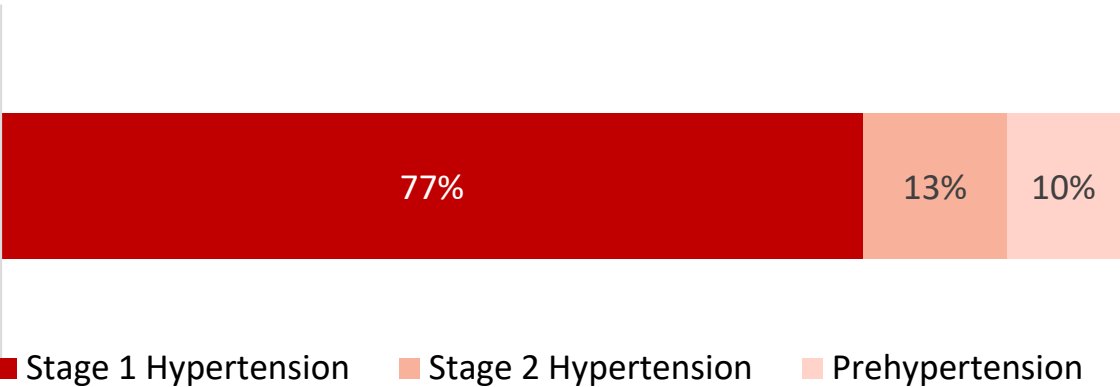
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



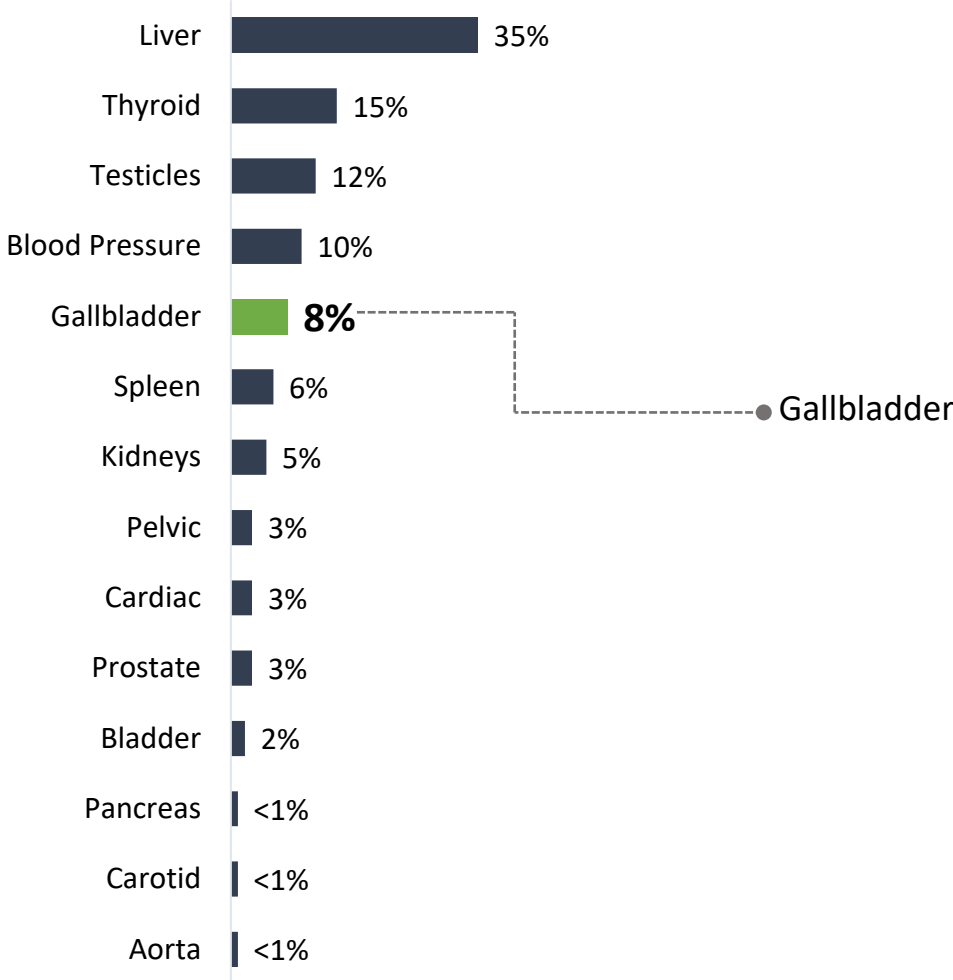
Specific Actionable Findings – Blood Pressure

(671 actionable findings)



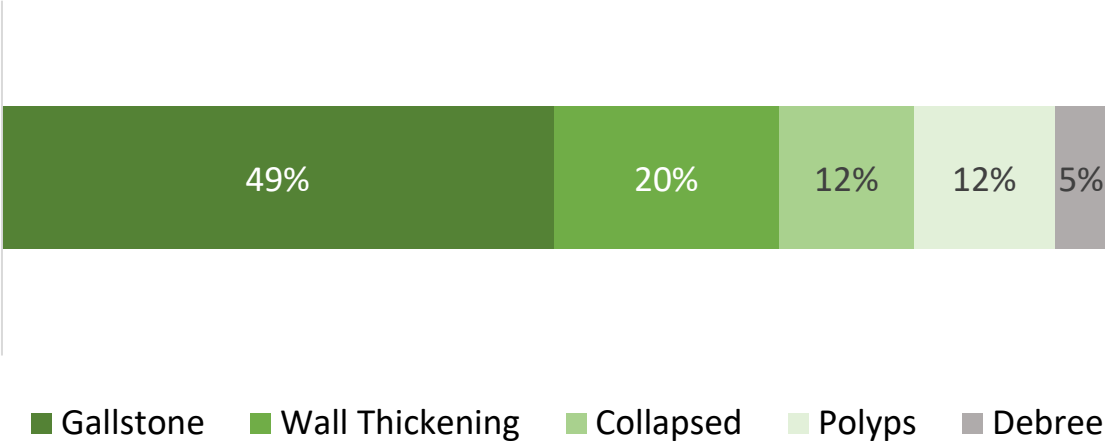
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings - Gallbladder

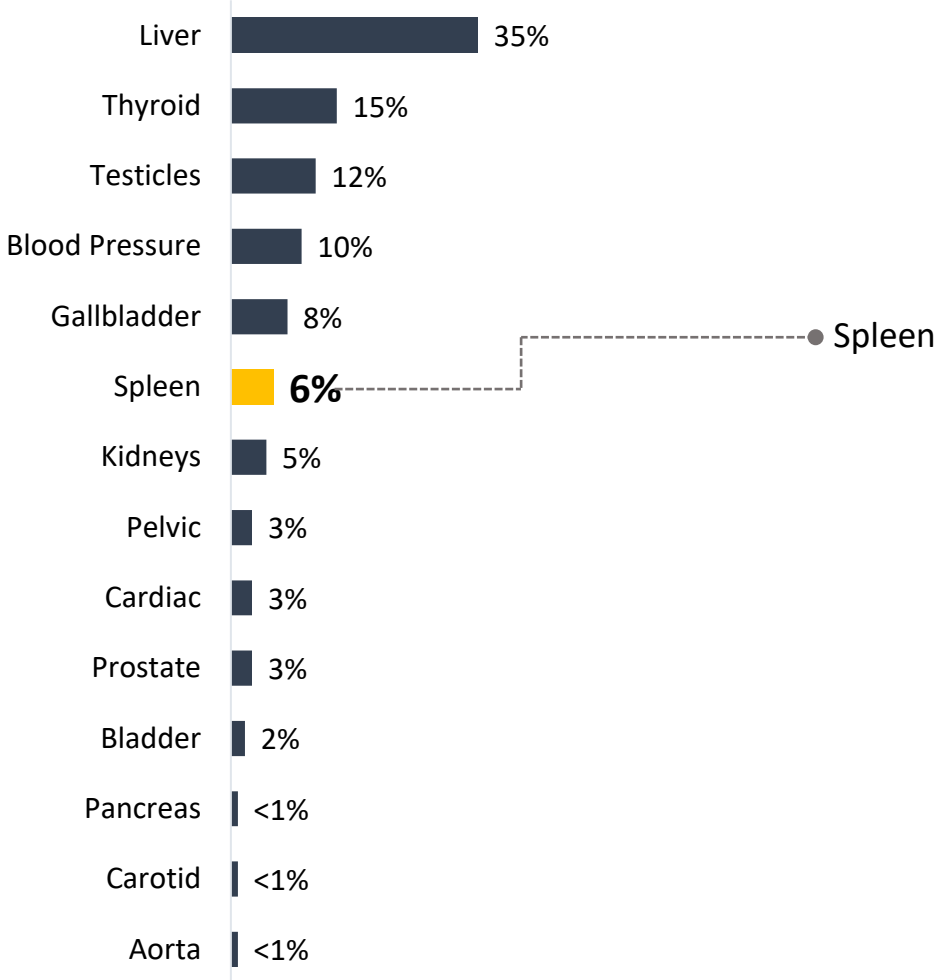
(540 actionable findings)



Other actionable findings (<2% each)
 Sludge, Debris/Sludge, Abnormal, Stone with Sludge, Foci

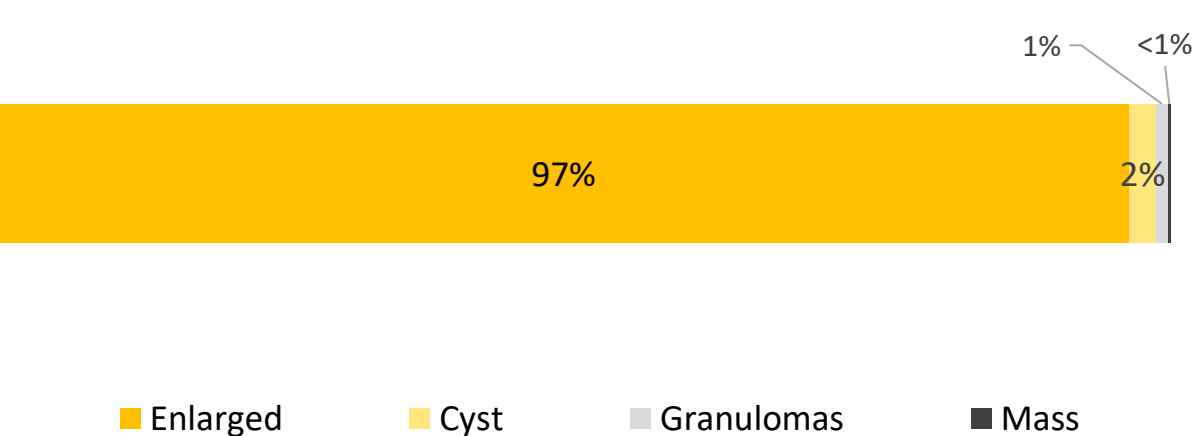
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



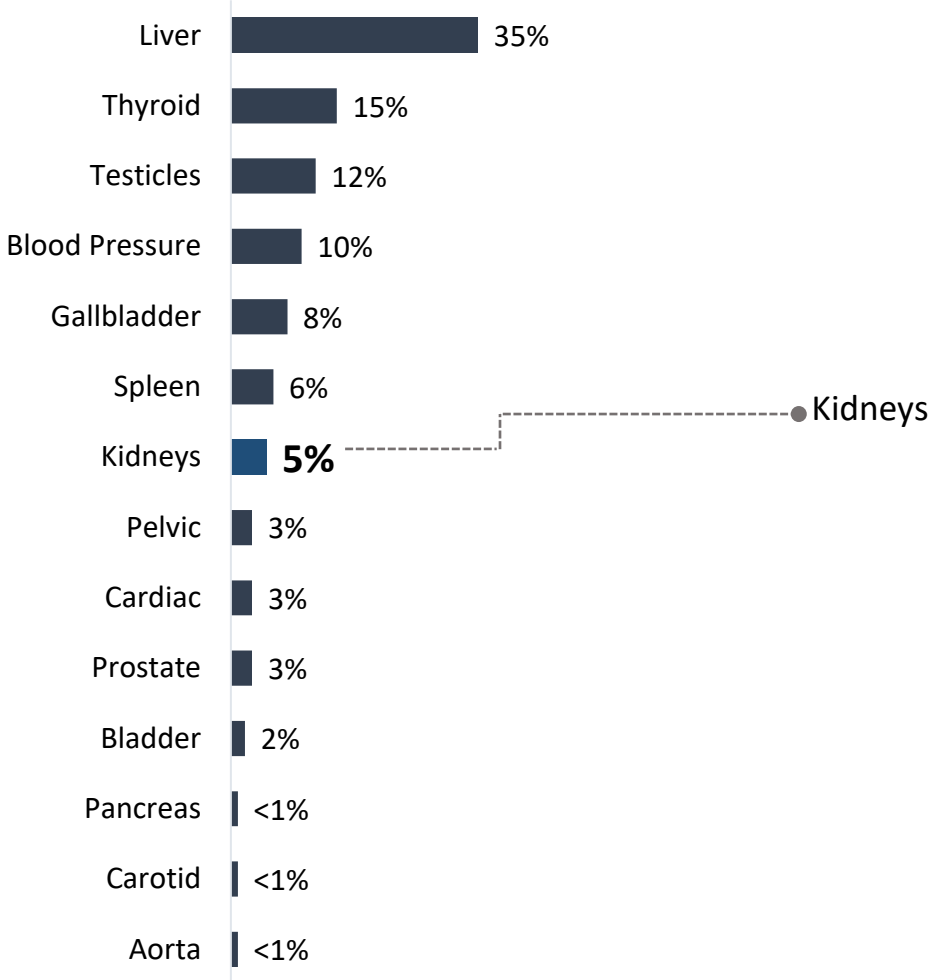
Specific Actionable Findings - Spleen

(400 actionable findings)



Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings - Kidneys

(347 actionable findings)



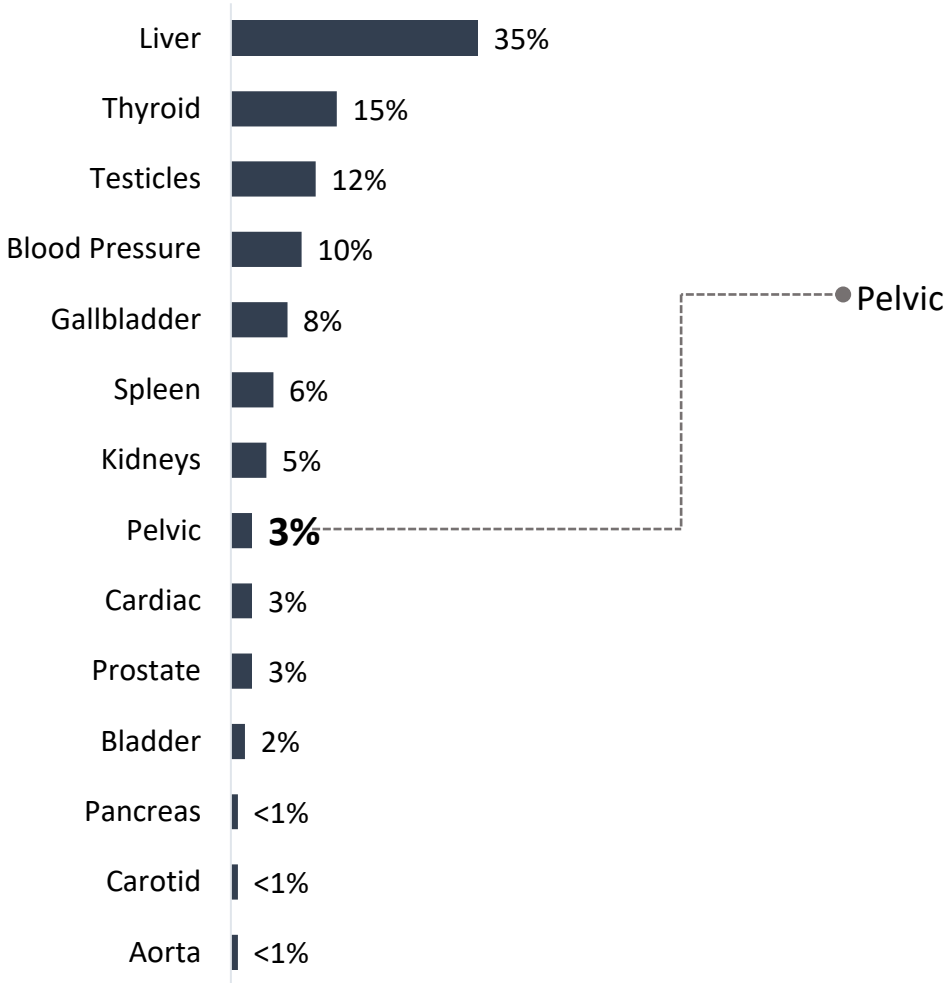
- Stone
- Cyst
- Enlarged Size
- Small Size
- Dilation of Collection System
- Hydronephrosis

Other actionable findings (<2% each)
 Hypochoic Structure, Abnormal Mass Growth, Abnormal, Foci, Mass, Irregular Shape, Not Visible



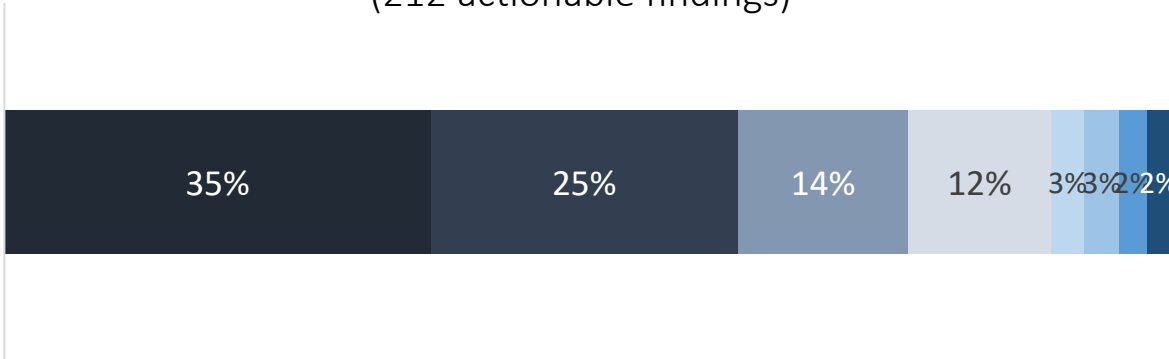
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings – Female Pelvic

(212 actionable findings)

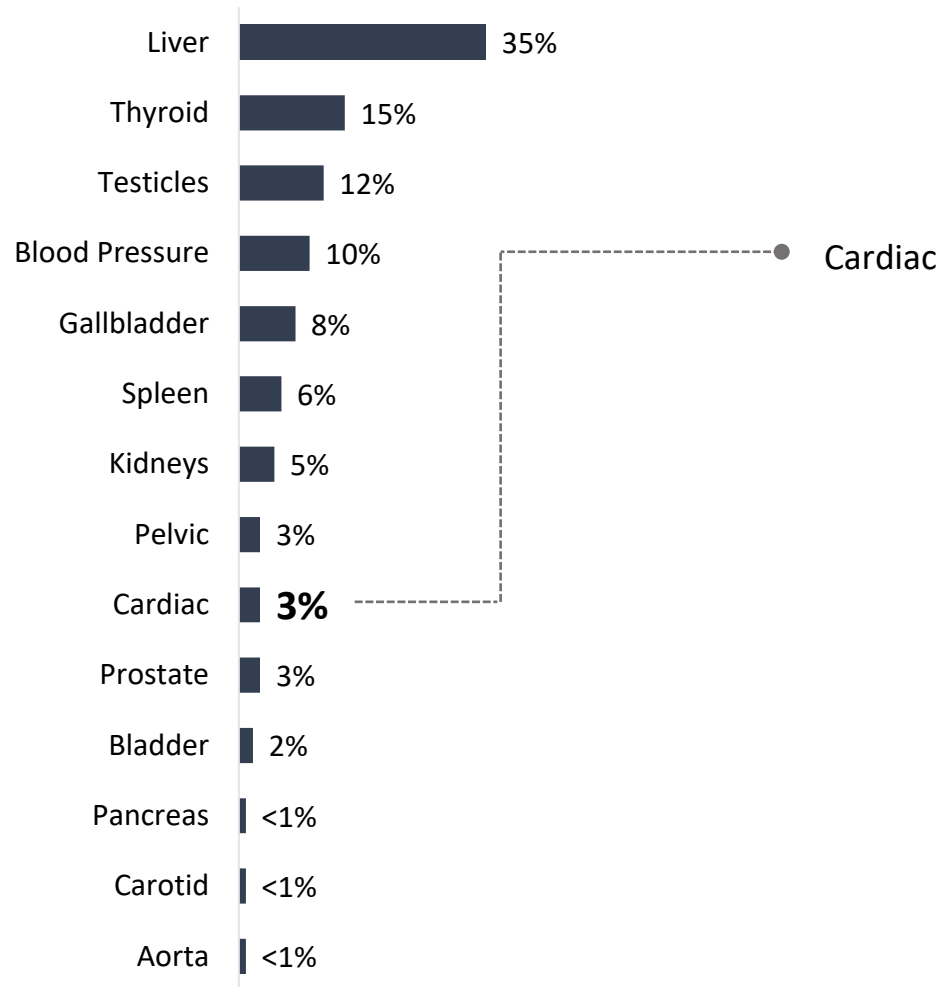


- Cyst
- Bulky Heterogeneous
- Fibroid
- Endometrial Stripe Thickening
- Structure
- Foci
- Heterogeneous Uterus
- Abnormal

Other actionable findings (<2% each)
 Endometrial Thin, Nodules, Enlarged Uterus, Fluid

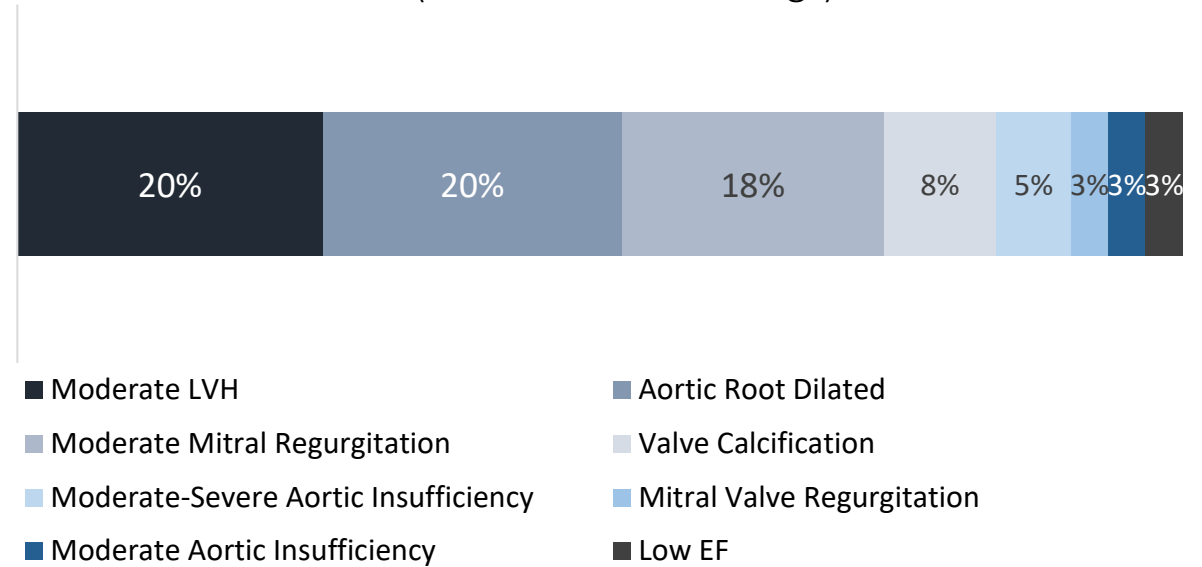
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings - Cardiac

(240 actionable findings)

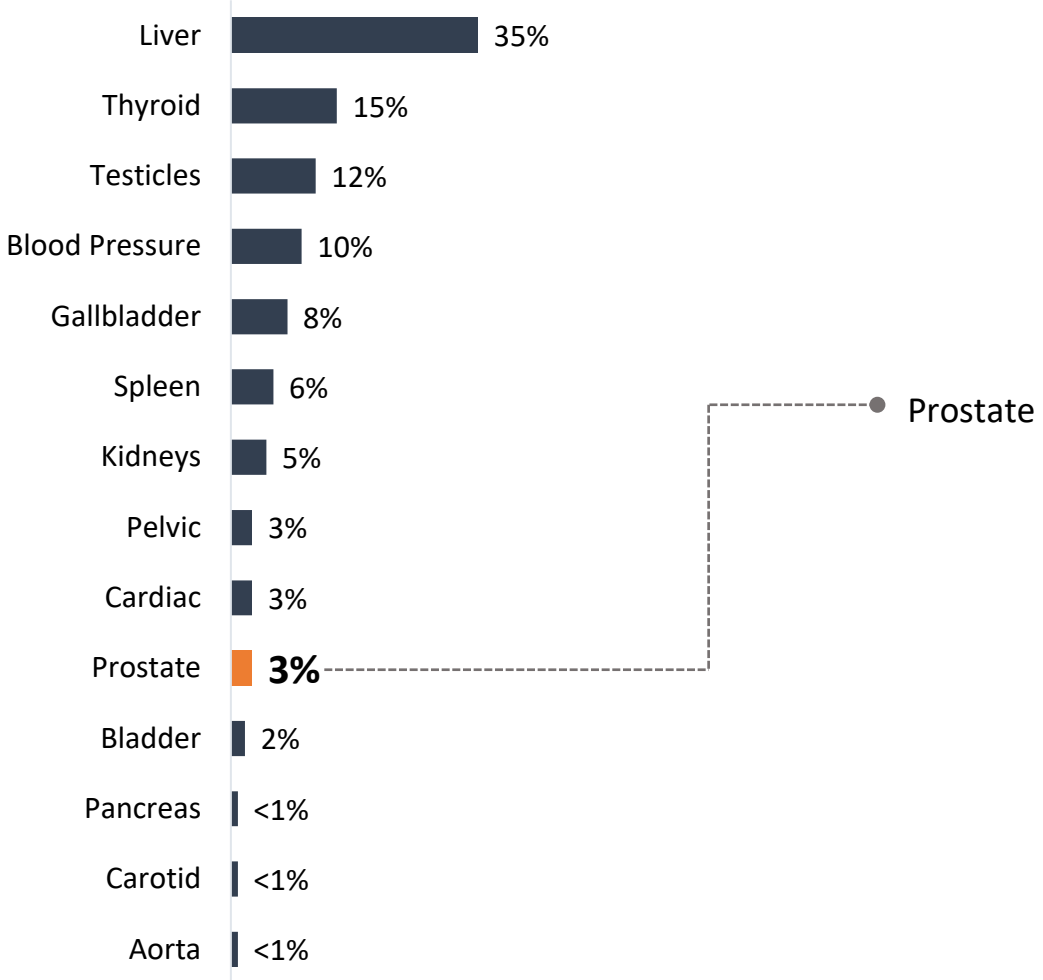


Other actionable findings (<2% each)

Severe Mitral Valve Regurgitation, Moderate Tricuspid Insufficiency, Tricuspid Regurgitation, LVH, Calcified Valve-Stenosis, Abnormal, Moderate Tricuspid Regurg, Enlarged Atrium, Severe Aortic Insufficiency, Severe Tricuspid Regurgitation, Abnormal Cardiomyopathy, LA enlarged, Regurgitation, Aortic Insufficiency, Pulm Regurgitation, Severe Aortic Stenosis, Moderate Pulmonic Insufficiency, Moderate Pulm Regurg, Moderate Calcified Aortic Valve, Hypokinesia, Decreased EF, Pleural Effusion, Enlarged Ventricle

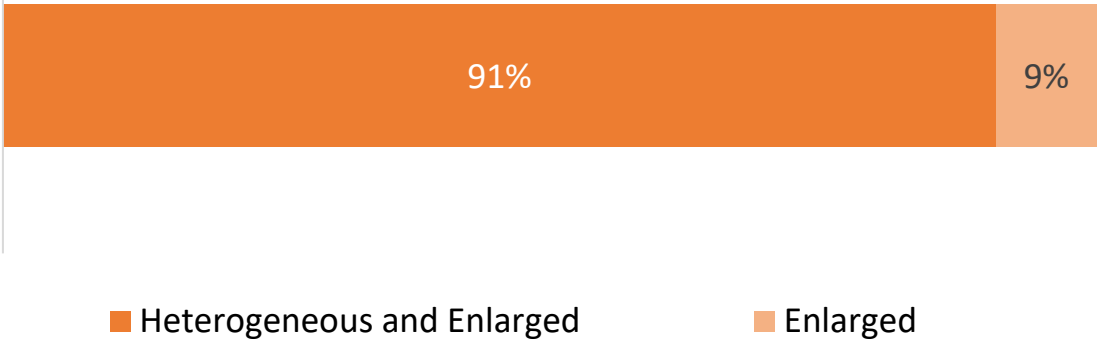
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



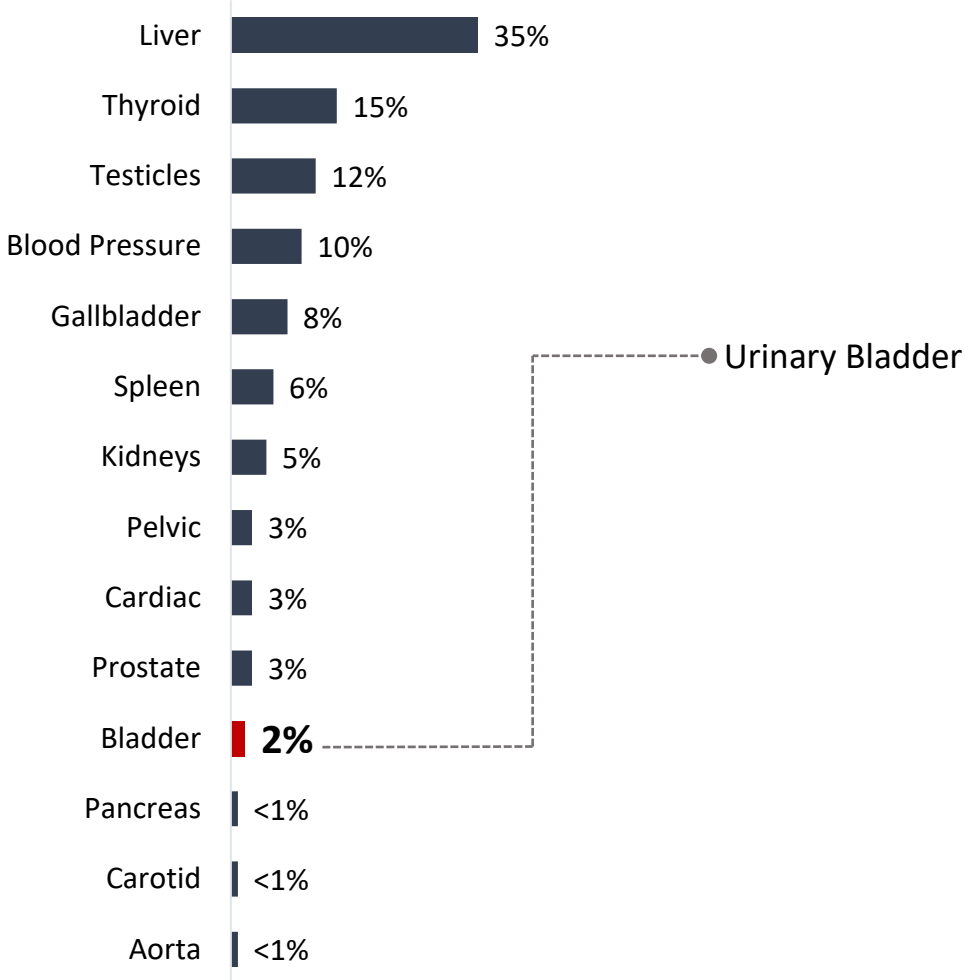
Incidental Findings in the Urinary Bladder

(207 incidental findings)



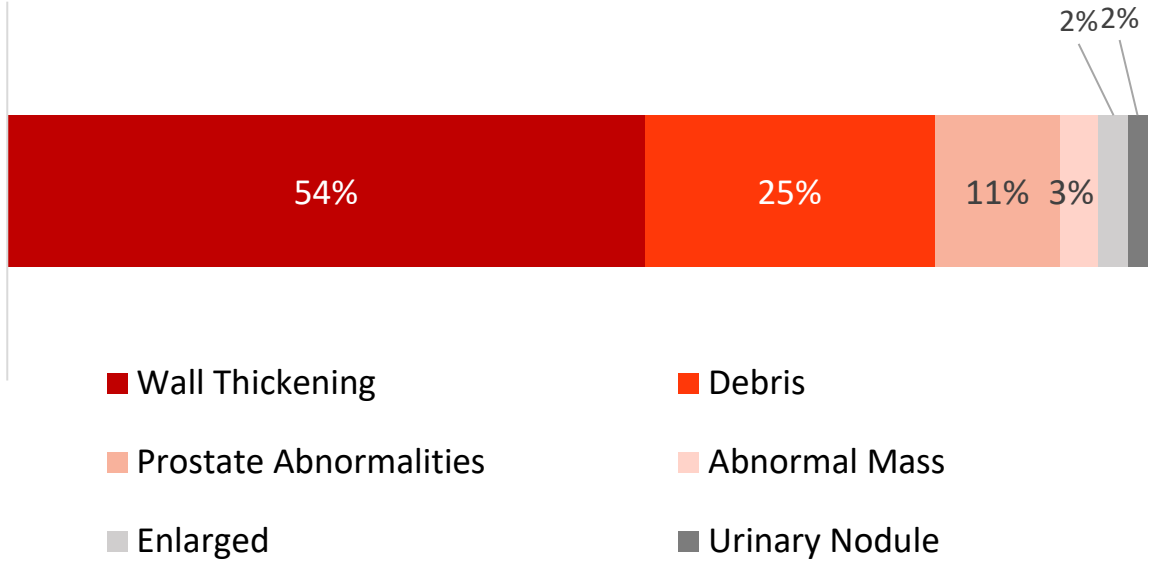
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings – Urinary Bladder

(122 actionable findings)

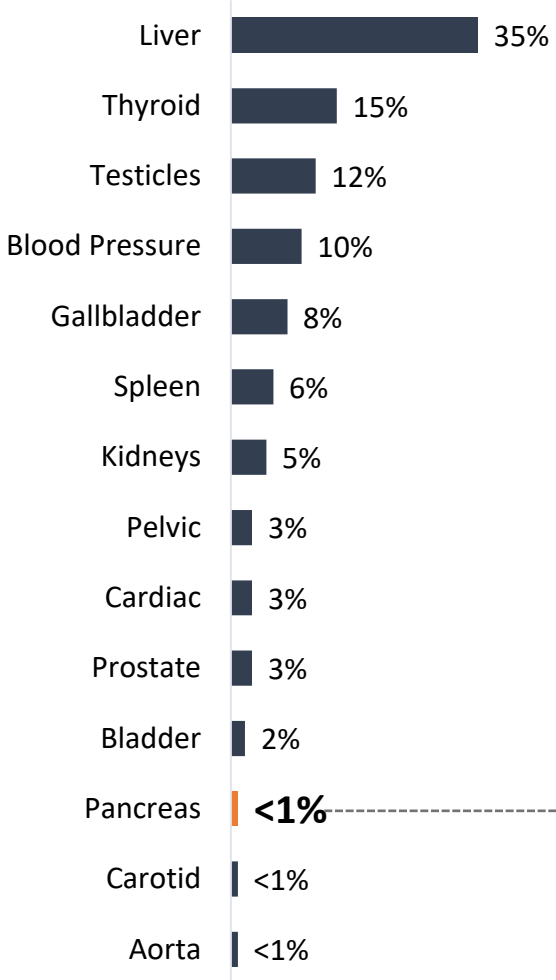


Other actionable findings (<2% each)
 Post Void Residual, Cyst, Hypoechoic Structure, Irregular Wall



Prevalence Rate of Actionable Findings

(Total Population, N=6867)



● Pancreas - Equivocal Finding

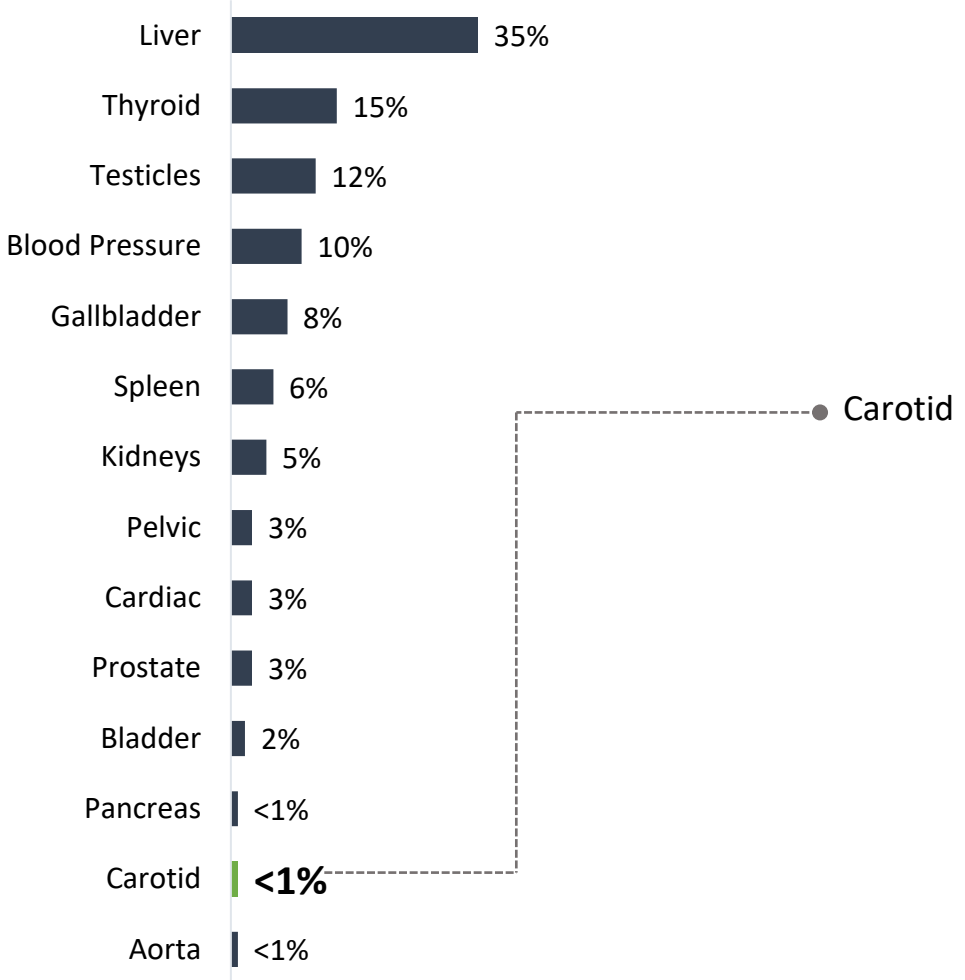
Specific Actional Findings - Pancreas

(1 actionable finding)



Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings - Carotid

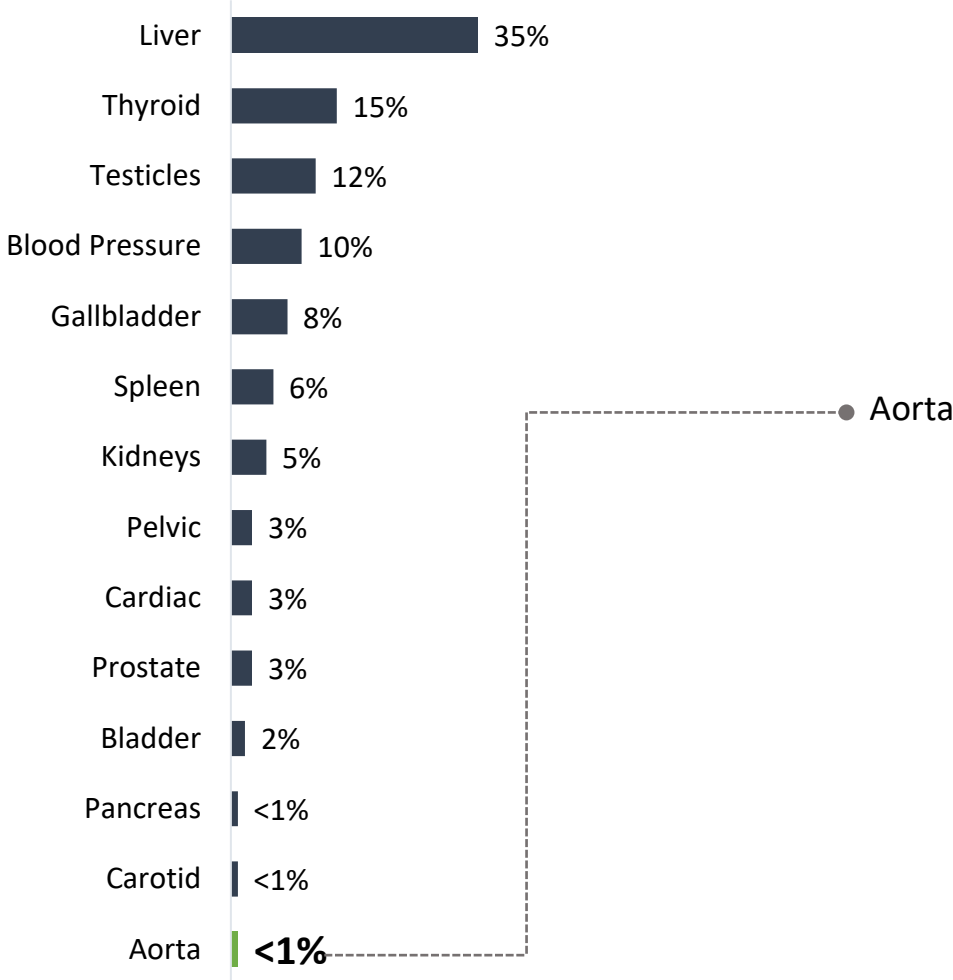
(9 actionable findings)



■ Moderate Plaque

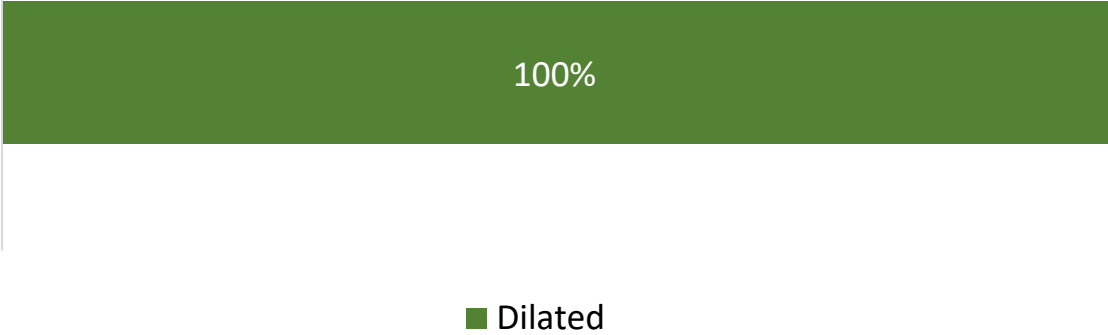
Prevalence Rate of Actionable Findings

(Total Population, N=6867)



Specific Actionable Findings - Aorta

(14 actionable findings)





Appendix

2022 Aggregate Actionable Findings

Liver	1557 Total Findings
Fatty and Enlarged	1152
Fatty	350
Hemangioma	22
Cyst	19
Fatty, Enlarged w/ Mass	8
Mass	3
Ill-Defined Mass	1
Hypoechoic Region	1
Complex Cystic Mass	1

Thyroid	622 Total Findings
Nodules	325
Enlarged	260
Heterogeneous/Bulky	9
Non-Identifiable Tissue	9
Cyst	9
Heterogeneous and Small Size	7
Smaller in size	4
Irregular Shape	3
Increased Vascularity	2
Heterogeneous and Atrophic in Size	2
Enlarged Lymph Node	1

Blood Pressure	448 Total Findings
Stage 1 Hypertension	390
Stage 2 Hypertension	55
Prehypertension	3

Testicles	376 Total Findings
Calcification/Microlithiasis	89
Hydrocele	70
Scrotal Varicoceles	70
Foci	69
Cyst	34
Heterogeneous/Irregular	19
Irregular Size	10
Tortuous Vessels	7
Hypoechoic Region	3
Microlithiasis	1
Heterogeneous Epididymis	1
Mass	1
Nodular	1
Irregular Structure	1

Spleen	293 Total Findings
Enlarged	286
Cyst	6
Mass	1

Gallbladder	365 Total Findings
Gallstone	163
Wall Thickening	73
Collapsed	53
Polyps	50
Debree	20
Sludge	3
Debree/Sludge	3

Kidneys	227 Total Findings
Stone	147
Cyst	43
Dilation of Collection System	14
Small Size	6
Mass	5
Enlarged Size	4
Hypoechoic Structure	3
Abnormal Mass Growth	3
Irregular Shape	1
Not Visible	1

Prostate	147 Total Findings
Heterogeneous and Enlarged	147

2022 Aggregate Actionable Findings (cont.)

Cardiac	125 Total Findings
Moderate LVH	31
Aortic Root Dilated	27
Moderate Mitral Regurgitation	23
Valve Calcification	15
Moderate-Severe Aortic Insufficiency	6
Low EF	5
Calcified Valve-Stenosis	4
Moderate Aortic Insufficiency	3
Moderate Tricuspid Regurg	2
Enlarged Atrium	2
Regurgitation	2
Severe Mitral Valve Regurgitation	1
Moderate Tricuspid Insufficiency	1
Abnormal Cardiomyopathy	1
Pleural Effusion	1
Enlarged Ventricle	1

Female Pelvic	105 Total Findings
Bulky Heterogeneous	42
Cyst	37
Fibroid	12
Endometrial Stripe Thickening	11
Foci	3
Sludge	3
Debris/Sludge	3

Urinary Bladder	74 Total Findings
Wall Thickening	48
Debris	17
Abnormal Mass	4
Urinary Nodule	2
Post Void Residual	1
Cyst	1
Irregular Wall	1

Aorta	4 Total Findings
Dilated	4

Carotid	2 Total Findings
Moderate Plaque	2

Pancreas	1 Total Finding
Equivocal Finding	1

2021 Aggregate Actionable Findings

Liver	687 Total Findings
Fatty and Enlarged	461
Fatty	177
Enlarged	26
Hemangioma	7
Cyst	6
Abnormal	4
Fatty, Enlarged w/ Mass	3
Structure	2
Heterogeneous	1

Thyroid	342 Total Findings
Nodules	195
Enlarged	62
Heterogeneous/Bulky	18
Cyst	18
Heterogeneous and Small Size	12
Follicles	10
Non-Identifiable Tissue	9
Enlarged	7
Nodule Complex	6
Increased Vascularity	3
Abnormal	3
Structure	2
Enlarged Lymph Node	1
Heterogeneous	1
Atrophy	1
Prominent Lymph Nodes	1

Testicles	394 Total Findings
Scrotal Varicoceles	133
Hydrocele	71
Foci	58
Cyst	51
Calcification/Microlithiasis	34
Microlithiasis	8
Irregular Size	7
Heterogeneous/Irregular	5
Calcification	4
Abnormal	4
Structure	4
Heterogeneous Epididymis	3
Mass	1
Atrophic	1
Complex Cyst	1

Blood Pressure	201 Total Findings
Stage 1 Hypertension	107
Stage 2 Hypertension	29
Prehypertension	65

Spleen	99 Total Findings
Enlarged	94
Granulomas	3
Cyst	2

Gallbladder	151 Total Findings
Gallstone	90
Wall Thickening	25
Polyps	14
Collapsed	9
Debris	4
Sludge	4
Abnormal	1
Foci	1

Kidneys	93 Total Findings
Stone	38
Cyst	32
Enlarged Size	12
Hydronephrosis	6
Small Size	4
Hypoechoic Structure	2
Abnormal	2
Foci	2
Irregular Shape	1

2021 Aggregate Actionable Findings (cont.)

Cardiac	114 Total Findings
Aortic Root Dilated	20
Moderate Mitral Regurgitation	19
Moderate LVH	18
Moderate-Severe Aortic Insufficiency	6
Mitral Valve Regurgitation	6
Severe Mitral Valve Regurgitation	3
Moderate Tricuspid Insufficiency	3
Tricuspid Regurgitation	4
LVH	4
Valve Calcification	3
Moderate Aortic Insufficiency	3
Abnormal	3
Severe Aortic Insufficiency	2
Severe Tricuspid Regurgitation	2
LA enlarged	2
Low EF	1
Moderate Tricuspid Regurg	1
Enlarged Atrium	1
Abnormal Cardiomyopathy	1
Aortic Insufficiency	1
Pulm Regurgitation	1
Severe Aortic Stenosis	1
Moderate Pulmonic Insufficiency	1
Moderate Pulm Regurg	1
Moderate Calcified Aortic Valve	1
Hypokinesis	1
Decreased EF	1

Female Pelvic	98 Total Findings
Cyst	34
Fibroid	17
Endometrial Stripe	12
Thickening	10
Bulky Heterogeneous	6
Structure	5
Heterogeneous Uterus	4
Abnormal	4
Foci	3
Endometrial Thin	2
Nodules	1
Enlarged Uterus	1
Fluid	1

Prostate	49 Total Findings
Heterogeneous and Enlarged	29
Enlarged	20

Urinary Bladder	43 Total Findings
Wall Thickening	16
Prostate Abnormalities	13
Debris	12
Enlarged	1
Hypoechoic Structure	1

Aorta	9 Total Findings
Dilated	9

Carotid	4 Total Findings
Moderate Plaque	4

2020 Aggregate Actionable Findings

Liver	112 Total Findings
Fatty and Enlarged	79
Fatty	32
Cyst	1

Thyroid	36 Total Findings
Nodules	28
Enlarged	4
Heterogeneous/Bulky	3
Non-Identifiable Tissue	3
Cyst	1

Testicles	29 Total Findings
Scrotal Varicoceles	8
Hydrocele	7
Cyst	6
Calcification/Microlithiasis	4
Foci	1
Heterogeneous/Irregular	1
Irregular Size	1
Heterogeneous Epididymis	1

Kidneys	21 Total Findings
Cyst	18
Stone	1
Enlarged Size	1
Small Size	1

Gallbladder	9 Total Findings
Gallstone	4
Wall Thickening	3
Polyps	1
Debris	1

Spleen	6 Total Findings
Enlarged	5
Cyst	1

Female Pelvic	4 Total Findings
Cyst	3
Bulky Heterogeneous	1

Prostate	2 Total Findings
Heterogeneous and Enlarged	2

Carotid	2 Total Findings
Moderate Plaque	2

Urinary Bladder	1 Total Finding
Wall Thickening	1

Aorta	1 Total Finding
Aortic Root Dilated	1

2019 Aggregate Actionable Findings

Testicles	59 Total Findings
Scrotal Varicoceles	18
Cyst	16
Hydrocele	15
Foci	3
Calcification/Microlithiasis	3
Heterogeneous/Irregular	3
Irregular Size	1

Thyroid	55 Total Findings
Nodules	40
Cyst	11
Heterogeneous and Small Size	3
Enlarged Heterogeneous/Bulky	1

Liver	35 Total Findings
Fatty and Enlarged	28
Fatty	7

Blood Pressure	22 Total Findings
Stage 1 Hypertension	20
Stage 2 Hypertension	2

Gallbladder	15 Total Findings
Wall Thickening	6
Gallstone	5
Collapsed	2
Polyps	2

Prostate	9 Total Findings
Heterogeneous and Enlarged	9

Female Pelvic	8 Total Findings
Cyst	4
Endometrial Stripe Thickening	2
Bulky Heterogeneous	1
Fibroid	1

Kidneys	6 Total Findings
Stone	4
Cyst	2

Urinary Bladder	4 Total Findings
Enlarged	2
Wall Thickening	1
Debris	1

Spleen	2 Total Findings
Enlarged	1
Granulomas	1



Aorta	1 Total Finding
Dilated	1

Carotid	1 Total Finding
Moderate Plaque	1





2019 + 2020 Screenings

2019 Screenings



Local	1619	22
Total Participants (N)	133	204
 Male	123	166
 Female	10	38
% with at least one actionable finding	56%	43%



2020 Screenings

Local	734	964
Total Participants (N)	103	87
 Male	96	79
 Female	7	8
% with at least one actionable finding	92%	87%





2021 Screenings

Local	734	964	1311	1619	1563	1742	1311	PFFM Massachusetts
Total Participants (N)	40	183	41	184	134	41	119	37
 Male	34	148	34	152	110	31	89	33
 Female	6	35	7	32	24	10	30	4
% with at least one actionable finding	73%	70%	76%	68%	57%	68%	62%	76%

Local	22	22	Upper Darby	1132	539	2068	2068	2598
Total Participants (N)	125	137	101	77	28	176	198	137
 Male	118	123	101	55	22	131	142	100
 Female	7	14	0	22	6	45	56	37
% with at least one actionable finding	65%	64%	70%	66%	86%	57%	65%	66%







2021 Screenings (cont.)

Local	2598	2598	2801	2924	3401	4145
Total Participants (N)	63	63	52	134	55	29
 Male	41	49	44	107	36	24
 Female	22	14	8	27	19	5
% with at least one actionable finding	56%	67%	54%	81%	93%	90%





2022 Screenings



Local	3666	1841	841	1693	143	2310	863	Canton
Total Participants (N)	107	64	151	86	90	27	163	44
 Male	92	52	125	83	80	26	160	43
 Female	15	12	26	3	10	1	3	1
% with at least one actionable finding	59%	59%	62%	66%	67%	70%	58%	73%

Local	Bfit	IAFF Conf	1197	Winchester	3756	Ashburn	1038	Virginia Recruiters
Total Participants (N)	316	41	27	149	284	64	44	26
 Male	301	39	27	76	220	48	37	21
 Female	15	2	0	73	64	16	7	5
% with at least one actionable finding	60%	61%	70%	72%	59%	56%	68%	35%





2022 Screenings (cont.)



Local	West Islip	Schenectady	NJ Conference	NYSPPFA and UFOA	1st District	2498	14th District	12th District
Total Participants (N)	58	87	21	32	28	41	18	22
 Male	45	80	21	32	25	34	16	18
 Female	13	7	0	0	3	7	2	4
% with at least one actionable finding	90%	61%	62%	78%	64%	73%	67%	68%

Local	22	3128	2068	866	144	648	739	Schenectady
Total Participants (N)	361	70	192	107	61	34	169	51
 Male	334	61	129	104	58	33	158	44
 Female	27	9	63	3	3	1	11	7
% with at least one actionable finding	60%	57%	53%	63%	48%	59%	67%	61%



2022 Screenings (cont.)

Local	36	1314	1268	964	Norwood	Sterling	2068	2498
Total Participants (N)	133	109	70	57	70	84	166	41
 Male	131	92	65	46	69	61	147	34
 Female	2	17	5	11	1	23	19	7
% with at least one actionable finding	53%	60%	64%	46%	73%	76%	56%	73%

Local	3886	1560	Oswego	1563	1813	719
Total Participants (N)	58	196	26	76	38	27
 Male	49	135	10	58	33	23
 Female	9	61	2	18	5	4
% with at least one actionable finding	62%	53%	69%	61%	63%	74%



Saving Lives Through *Prevention*

