



# *Statistical Committee*

*ELA General Assembly  
Lucerne, Switzerland*

*04.05.2023*

*Ebru Gemici-Loukas*

# Statistical Committee

## Meetings

29 September 2022

5 December 2022

18 April 2023

## Members:

Ebru Gemici-Loukas (Chairwoman)

Ana Efata

Vincent Grenier

Jyri Karkkainen

Nebojsa Kurbalija

Silvia Migliavacca

Tadeusz Popielas

Dirk de Moor

Nick Mellor

Alain Meslier

Igor Sayapin



# European Statistics Lifts and Escalators 2022



# Basic and Industrial Statistics 2022



# Basic Statistics 2022

ESTIMATED TOTAL MARKET (\*)

Country	2021		2022	
	Employees	Existing lifts	Employees	Existing lifts
Austria	2.234	131.954	2.267	135.311
Belgium	2.550	120.488	2.480	123.315
Bulgaria	2.500	84.000	2.550	95.000
Croatia	288	16.000	470	25.000
Cyprus	300	19.106	300	19.106
Czech Republic	1.920	136.470	1.870	138.256
Denmark	839	44.001	823	45.144
Estonia	150	5.170	150	5.170
Finland	1.500	66.500	1.500	66.900
France	17.000	629.000	17.000	637.000
Germany	17.800	815.000	16.900	831.000
Greece	6.300	430.000	7.000	433.500
Hungary	645	41.573	630	42.768
Ireland	500	26.000	500	26.379
Italy	25.200	992.000	24.850	1.000.000
Latvia	350	6.210	350	6.210
Lithuania	390	8.640	390	8.640
Luxemburg	358	15.048	353	15.555
North Macedonia	310	11.050	315	12.250
The Netherlands	3.026	104.102	2.984	105.840
Norway	1.401	43.040	1.510	44.450
Poland	4.000	135.895	4.000	141.599
Portugal	2.144	158.563	2.096	160.076
Romania	685	53.000	692	54.322
Slovakia	1.100	48.840	1.100	48.840
Slovenia	450	9.500	450	9.500
Spain	15.912	1.075.405	19.740	1.099.820
Sweden	3.660	131.679	3.700	134.880
Switzerland	4.249	275.209	4.300	280.000
Turkey	22.000	531.500	28.000	553.500
United Kingdom	9.161	318.252	9.485	322.910
<b>TOTAL</b>	<b>148.922</b>	<b>6.483.196</b>	<b>158.755</b>	<b>6.622.239</b>



*(\*) estimates based on consolidated data obtained from independent third party collector and/or national associations*

# Existing Escalators 2022

Country	2021	2022
	Existing Escalators	Existing Escalators
Austria	3.222	3.222
Belgium	2.917	2.957
Bulgaria		820
Croatia	700	750
Cyprus	170	170
Czech Republic	2.640	2.640
Denmark	1.284	1.284
Estonia	260	260
Finland	2.300	2.300
France	10.800	10.800
Germany	37.422	37.445
Greece	3.350	3.450
Hungary	1.046	1.025
Ireland	1.500	1.500
Italy	12.719	12.900
Latvia	185	185
Lithuania	156	156
Luxemburg	195	195
North Macedonia	125	140
The Netherlands	4.546	4.606
Norway	1.925	1.985
Poland	4.101	4.152
Portugal	2.978	3.009
Romania	2.900	2.900
Slovakia	650	650
Slovenia	450	450
Spain	16.066	16.915
Sweden	3.300	3.300
Switzerland	5.100	5.200
Turkey	26.400	27.000
United Kingdom	12.881	12.961
<b>TOTAL</b>	<b>162.287</b>	<b>165.327</b>

*(\*) estimates based on consolidated data obtained from independent third party collector and/or national associations*

# New Lifts

Units

2020

2021

2022

	Electrical Lifts total	Hydraulic Lifts total	Estimated total Market(*)	Electrical Lifts total	Hydraulic Lifts total	Estimated total Market(*)	Electrical Lifts total	Hydraulic Lifts total	Estimated total Market(*)	22/21 in %
Austria			4.551			4.901			4.795	-2,2
Belgium			3.871	4.085	40	4.125	3.576	19	3.595	-12,8
Bulgaria(**)										
Croatia			620			874			704	-19,5
Cyprus(**)										
Czech Republic	2.364	46	2.410	2.479	34	2.513			2.551	1,5
Denmark			1.483			1.661			1.633	-1,7
Estonia(**)										
Finland			2.026			2.214			2.013	-9,1
France	14.048	52	14.100	14.690	110	14.800	14.960	40	15.000	1,4
Germany	23.580	506	24.086	23.893	497	24.390	21.889	388	22.277	-8,7
Greece	800	1.700	2.500	1.500	1.800	3.300	2.000	1.450	3.450	4,5
Hungary			984			1.017			873	-14,2
Ireland			539			558			541	-3,0
Italy			7.975			10.432			11.997	15,0
Latvia(**)										
Lithuania(**)										
Luxembourg			707			783			724	-7,5
Malta(**)										
Norway			1.462			1.434			1.691	17,9
Poland	7.120	588	7.708	6.734	475	7.209			6.852	-5,0
Portugal			2.023			2.124			2.161	1,7
Romania			2.025			2.090			1.888	-9,7
Slovakia(**)										
Slovenia(**)										
Spain	14.224	426	14.650	14.253	149	14.402	14.759	122	14.881	3,3
Sweden	2.900	33	2.933	3.071	42	3.113	2.647	33	2.680	-13,9
Switzerland	9.397	187	9.583	9.440	297	9.737	9.111	219	9.330	-4,2
The Netherlands	2.201	13	2.214	2.450	21	2.471	2.076	11	2.087	-15,5
Turkey	17.000	600	17.600	16.000	500	16.500	21.600	400	22.000	33,3
United Kingdom	6.269	193	6.462	6.995	425	7.420	7.414	414	7.828	5,5
Total for the countries for which data is provided in the above table	99.903	4.344	132.512	105.590	4.390	138.068	100.032	3.096	141.551	
Total European Countries (**)			136.286			142.421			145.397	2,1

(\*) Estimates based on consolidated data obtained from independent third party collector and/or national associations

(\*\*) Total European Countries consolidated figures including Bulgaria, Cyprus, Estonia, Latvia, Lithuania, Malta, North Macedonia, Slovakia and Slovenia

# New Lifts

Value (1000€)

2020

2021

2022

	Electrical Lifts total	Hydraulic Lifts total	Estimated total Market(*)	Electrical Lifts total	Hydraulic Lifts total	Estimated total Market(*)	Electrical Lifts total	Hydraulic Lifts total	Estimated total Market(*)	22/21 in %
Austria			164.567			163.372			177.930	8,91
Belgium			147.148	151.295	1.880	153.175	152.967	1.621	154.588	0,92
Bulgaria**										
Croatia			16.111			22.179			19.541	-11,89
Cyprus (**)										
Czech Republic	79.811	1.918	81.729	85.425	1.447	86.872			127.233	46,46
Denmark			84.586			92.374			99.418	7,63
Estonia**										
Finland			98.696			119.382			115.244	-3,47
France	545.580	2.148	547.728	598.043	5.742	603.785	736.156	4.453	740.609	22,66
Germany	1.098.461	31.915	1.130.376	1.083.455	28.286	1.111.741	1.054.497	26.026	1.080.524	-2,81
Greece	16.000	25.500	41.500	30.000	32.400	62.400	45.000	28.275	73.275	17,43
Hungary			43.031			38.761			32.729	-15,56
Ireland			42.029			44.024			44.617	1,35
Italy			226.053			306.597			436.114	42,24
Latvia**										
Lithuania**										
Luxembourg			25.030			45.661			33.547	-26,53
Malta**										
North Macedonia**										
Norway			101.703			102.587			137.761	34,29
Poland			227.388	212.437	3.750	216.187			205.695	-4,85
Portugal			42.390			45.895			52.709	14,85
Romania			58.704			56.827			58.090	2,22
Slovakia										
Slovenia										
Spain	347.337	9.678	357.015	396.135	6.461	402.596	438.321	4.654	442.975	10,03
Sweden	186.721	2.075	188.796	179.238	3.792	183.030	152.087	2.985	155.072	-15,28
Switzerland	472.280	27.423	499.703	465.872	37.649	503.521	542.803	37.648	580.452	15,28
The Netherlands	122.645	1.192	123.837	140.747	1.712	142.459	130.774	1.112	131.886	-7,42
Turkey	260.000	10.200	270.200	272.000	9.500	281.500	360.000	7.500	367.500	30,55
United Kingdom	540.266	14.603	557.446	623.150	27.896	651.046	691.113	27.080	718.193	10,31
<b>Total for the countries for which data is provided in the above table</b>	<b>3.669.101</b>	<b>126.652</b>	<b>5.075.766</b>	<b>4.237.797</b>	<b>160.515</b>	<b>5.435.971</b>	<b>4.303.718</b>	<b>141.354</b>	<b>5.985.702</b>	
<b>Total European Countries (**)</b>			<b>5.170.472</b>			<b>5.565.006</b>			<b>6.104.106</b>	<b>9,7</b>

(\*) Estimates based on consolidated data obtained from independent third party collector and/or national associations

(\*\*) Total European Countries consolidated figures including Bulgaria, Cyprus, Estonia, Latvia, Lithuania, Malta, North Macedonia, Slovakia and Slovenia



# Modernization

Value (1000€)

2020

2021

2022

	Estimated Value for modernization (*)	Estimated Value for modernization (*)	Estimated Value for modernization (*)	22/21 in %
Austria	36.375	43.533	36.131	-17,00
Belgium	45.208	46.358	50.912	9,82
Bulgaria (**)				
Croatia (**)				
Czech Republic	3.281	4.377		
Denmark	19.436	20.437	23.258	13,80
Estonia (**)				
Finland	13.320	13.654	14.123	3,43
France	224.448	218.000	252.000	15,60
Germany	301.341	347.898	348.935	0,30
Greece	25.000	27.500	30.000	9,09
Hungary	2.960			
Ireland	3.243	2.520	3.432	36,19
Italy	121.169	136.095	129.519	-4,83
Latvia(**)				
Lithuania(**)				
Luxembourg	4.681	4.774	6.901	44,55
Malta(**)				
North Macedonia(**)				
Norway	15.550	18.621	13.778	-26,01
Poland	4.547	3.453	8.553	147,70
Portugal	22.516	20.980	23.576	12,37
Romania	1.229			
Slovakia (**)				
Slovenia (**)				
Spain	128.701	130.522	124.501	-4,61
Sweden	55.454	77.041	69.648	-9,60
Switzerland	97.538	93.112	111.015	19,23
The Netherlands	109.327	119.272	135.891	13,93
Turkey	50.000	50.000	55.000	10,00
United Kingdom	195.040	204.342	263.466	28,93
<b>Total for the countries for which data is provided in the above table</b>	<b>1.480.364</b>	<b>1.582.489</b>	<b>1.700.639</b>	
<b>Total European Countries (**)</b>	<b>1.487.047</b>	<b>1.599.026</b>	<b>1.714.860</b>	<b>7,2</b>

(\*) Estimates based on consolidated data obtained from independent third party collector and/or national associations

(\*\*) Total European Countries consolidated figures including Bulgaria, Croatia, Estonia, Latvia, Lithuania, Malta, North Macedonia, Slovakia and Slovenia

# Replacement Lifts

Units

2020 2021 2022

	Estimated total Market (*)	Estimated total Market (*)	Estimated total Market (*)	22/21 in %
Austria			386	
Belgium*	376	294	407	38,4
Bulgaria				
Croatia				
Cyprus				
Czech Republic*	1.075	1.036		
Denmark				
Estonia				
Finland*	581	759	859	13,2
France*	1.570	2.200	2.850	29,5
Germany*	1.440	1.554	2.031	30,7
Greece*	250			
Hungary*	217	143		-100,0
Ireland*				
Italy			3.083	
Latvia				
Lithuania				
Luxembourg				
Malta				
Norway*		217	321	47,9
Poland*	1.588	922	1.171	27,0
Portugal*	119	128	193	50,8
Romania				
Slovakia				
Slovenia				
Spain*	2.050	2.777	3.750	35,0
Sweden*	482	430	506	17,7
Switzerland*	2.728	2.742	2.989	9,0
The Netherlands*	364	380	344	-9,5
Turkey*	1.530	1.820	2.010	10,4
United Kingdom*	1.200	1.342	1.546	15,2
<b>Total for the countries for which</b>	<b>15.570</b>	<b>16.744</b>	<b>22.446</b>	
<b>Total EU (**)</b>	<b>18.784</b>	<b>19.641</b>	<b>24.307</b>	<b>23,8</b>

(\*) Estimates based on consolidated data obtained from independent third party collector and/or national associations

(\*\*) Total EU consolidated figures including Austria, Bulgaria, Croatia, Cyprus, Denmark, Estonia, Ireland Italy, Latvia, Lithuania, Luxembourg, Malta, North Macedonia, Norway, Romania Slovakia, Slovenia

# New Escalators

2020

2021

2022

Escalators and Moving Walks Units	Estimated total Market (*)	Estimated total Market (*)	Estimated total Market (*)
Austria		103	
Belgium		61	
Croatia**			
Cyprus**			
Czech Republic	32		
Denmark		48	
Estonia**			
Finland	57		
France	440	370	586
Germany	379	345	485
Greece	30	50	100
Hungary			
Italy	205	241	240
Ireland			
Luxembourg **			
Latvia**			
Lithuania**			
Malta**			
North Macedonia**			
Norway	44		
Poland	87	79	53
Portugal	48	31	44
Romania	37	119	
Slovakia**			
Slovenia**			
Spain	347	408	362
Sweden		104	94
Switzerland			114
The Netherlands	111	96	79
Turkey	600	600	600
United Kingdom	99	80	114
<b>TOTAL</b> for the countries for which data is provided in the above table	<b>2.516</b>	<b>2.735</b>	<b>2.871</b>
<b>TOTAL European Countries (**)</b>	<b>3.171</b>	<b>3.011</b>	<b>3.446</b>

(\*) Estimates based on consolidated data obtained from independent third party collector and/or national associations.

(\*\*) Total European Countries consolidated figures including countries for which data is not provided in the table.

# New Escalators

2020

2021

2022

Escalators and Moving Walks Value (1000 €)	Estimated total Market (*)	Estimated total Market (*)	Estimated total Market (*)
Austria		12.662	
Belgium		10.154	
Croatia**			
Cyprus**			
Czech Republic	4.380		
Denmark		4.138	
Estonia**			
Finland**			
France	57.488	61.024	82.960
Germany	57.898	62.210	110.254
Greece	1.050	2.000	4.000
Hungary			
Italy	16.023	14.091	17.938
Ireland			
Luxembourg **			
Latvia**			
Lithuania**			
Malta**			
North Macedonia**			
Norway	5.884		
Poland	4.070	6.042	4.522
Portugal	2.543	2.734	3.282
Romania	1.761	4.633	
Slovakia**			
Slovenia**			
Spain	24.547	27.368	29.975
Sweden		48.617	33.318
Switzerland			10.846
The Netherlands	10.891	9.249	7.918
Turkey	23.023	28.500	32.000
United Kingdom	16.364	11.945	18.170
<b>TOTAL</b> for the countries for which data is provided in the above table	<b>225.922</b>	<b>305.367</b>	<b>355.183</b>
<b>TOTAL European Countries (**)</b>	<b>287.913</b>	<b>328.559</b>	<b>409.529</b>

(\*) Estimates based on consolidated data obtained from independent third party collector and/or national associations.

(\*\*) Total European Countries consolidated figures including countries for which data is not provided in the table.



# Lifts and Escalators 2022



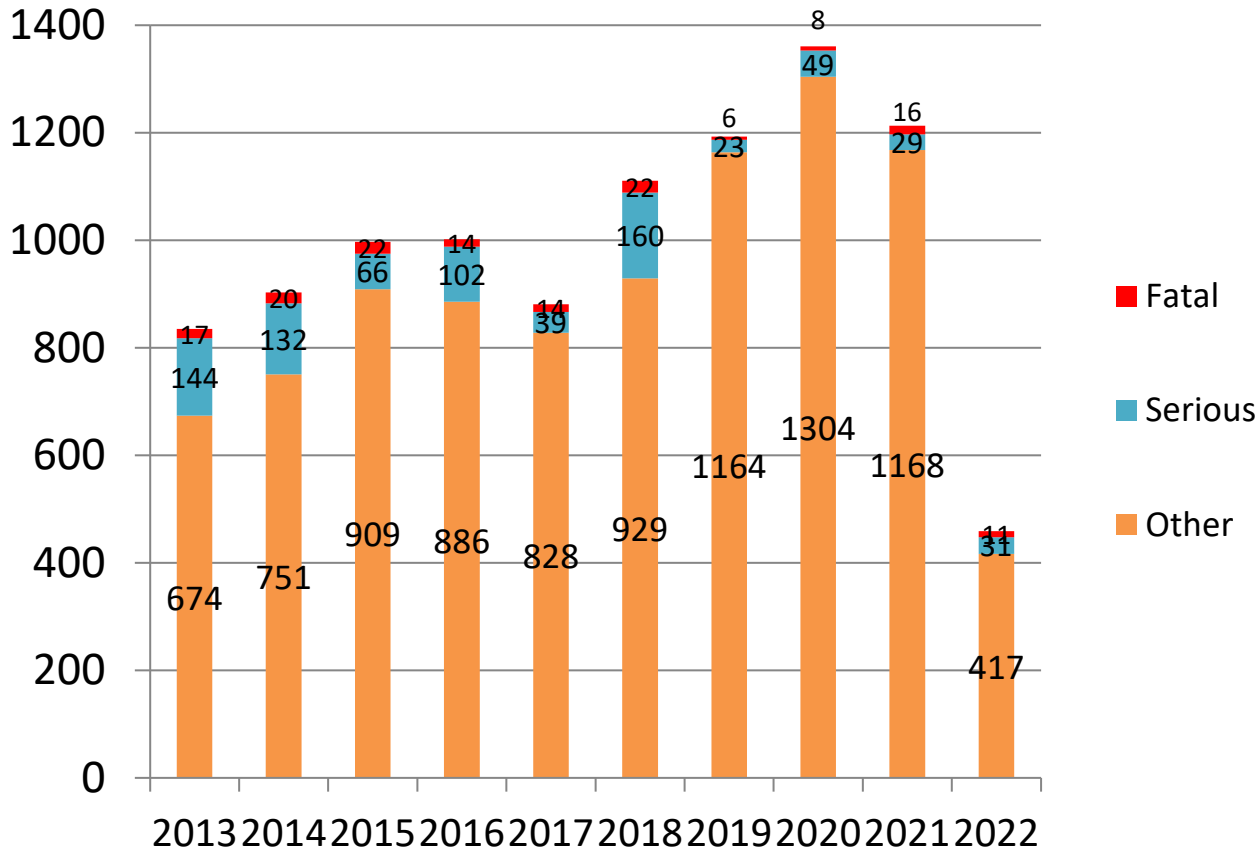
- **Countries:** 31
- **Employees:** 158.800
- **Existing Lifts:** 6.622.000 Units
- **Existing Escalators:** 165.000
- **New Lifts 2022:** 145.400 Units
- **New Lifts 2022 (Value):** 6,1 Billion €
- **Lift modernization (Value):** 1,7 Billion €
- **New Escalators 2022:** 3.450 Units
- **New Escalators (Value):** 410 Million €

# Accidents of Lifts and Escalators 2022



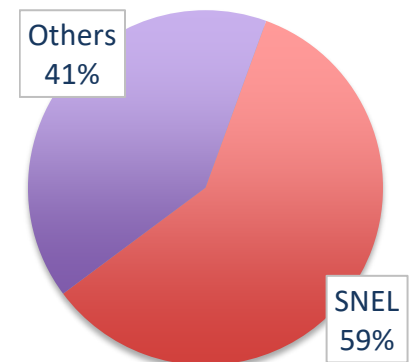
# Lift user accidents 2022

- 19 reporting countries
- 459 reported cases in 2022

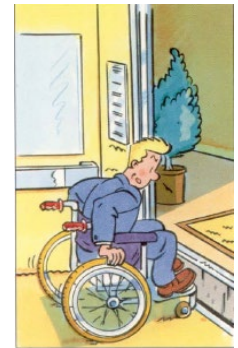
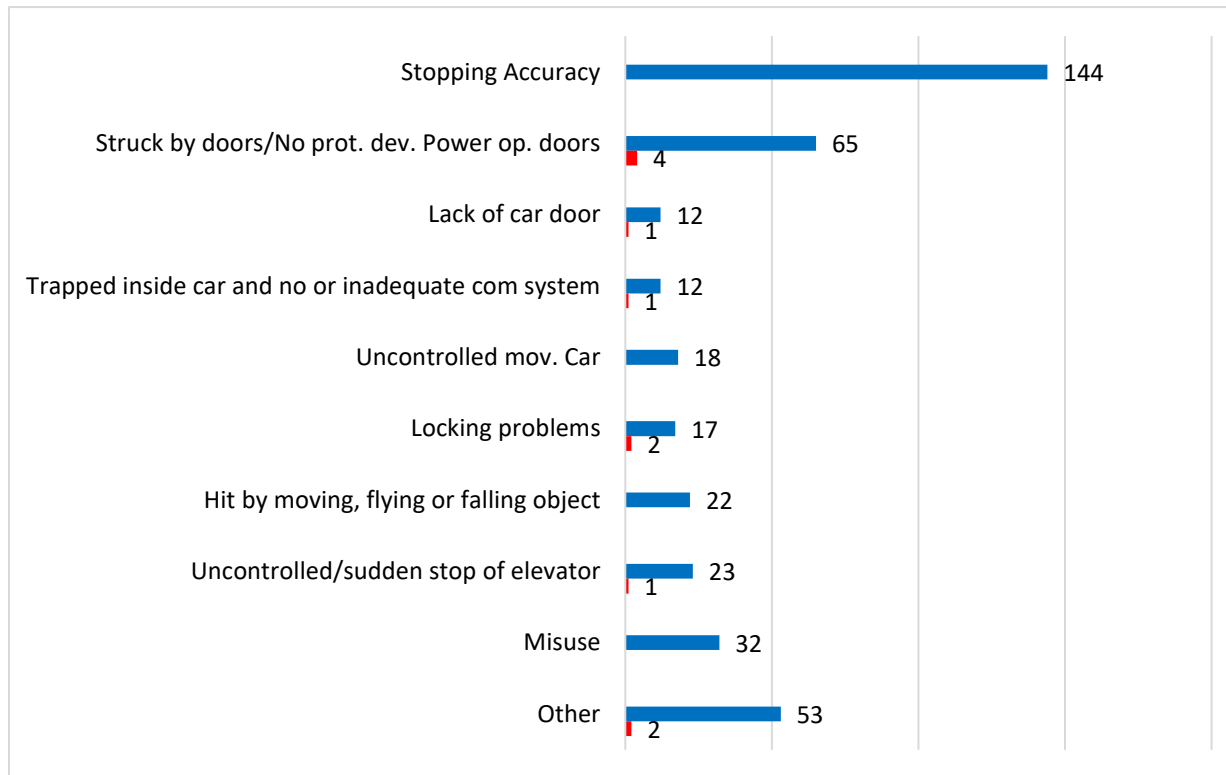


**459 user accidents in 2022**

**59% of Main Causes covered by SNEL**



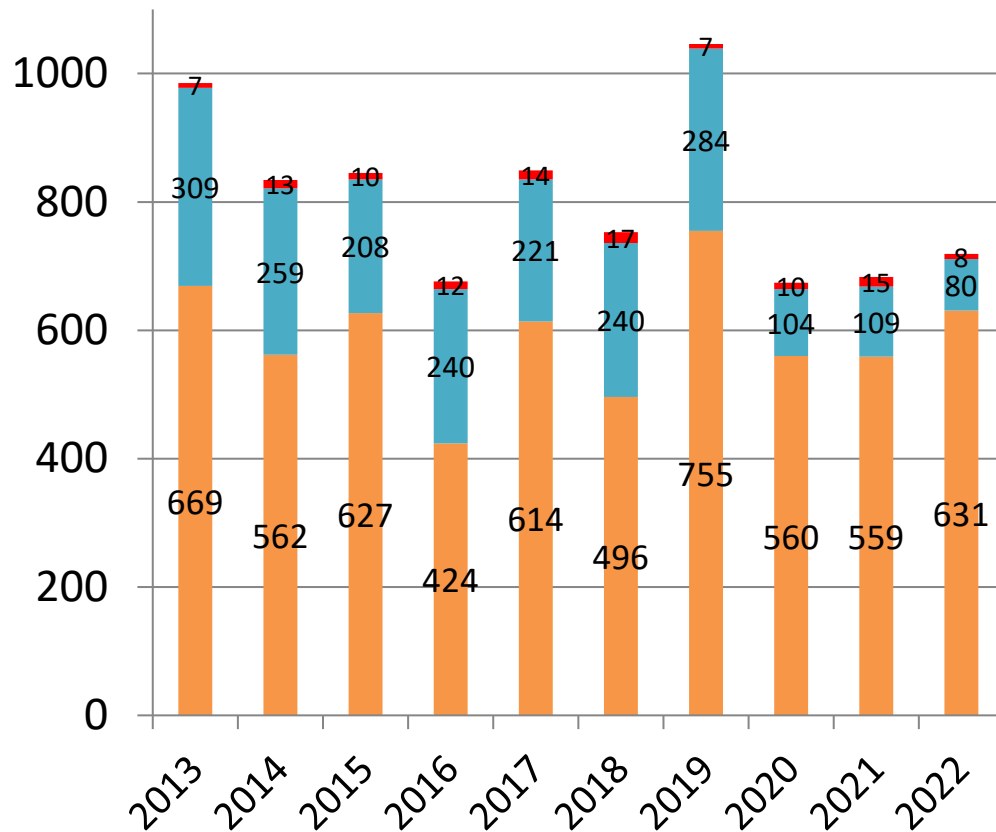
# Lift user accidents – Main reasons 2022





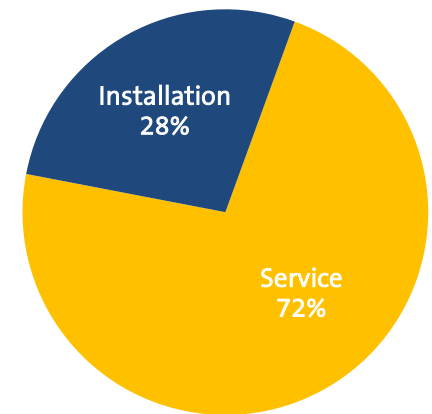
# Lift worker accidents 2022

- 23 reporting countries
- 719 reported cases in 2022



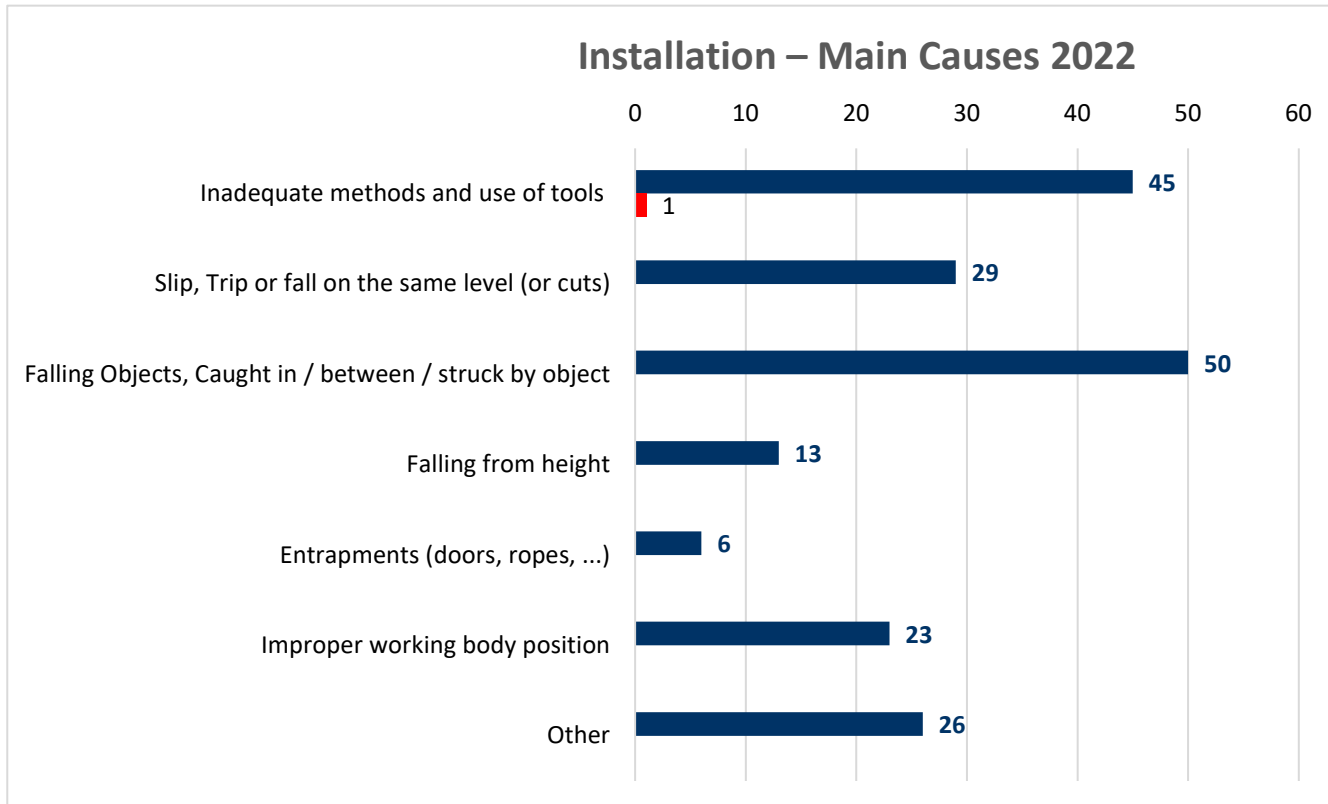
## 719 worker accidents in 2022

- Fatal
- Serious
- Other



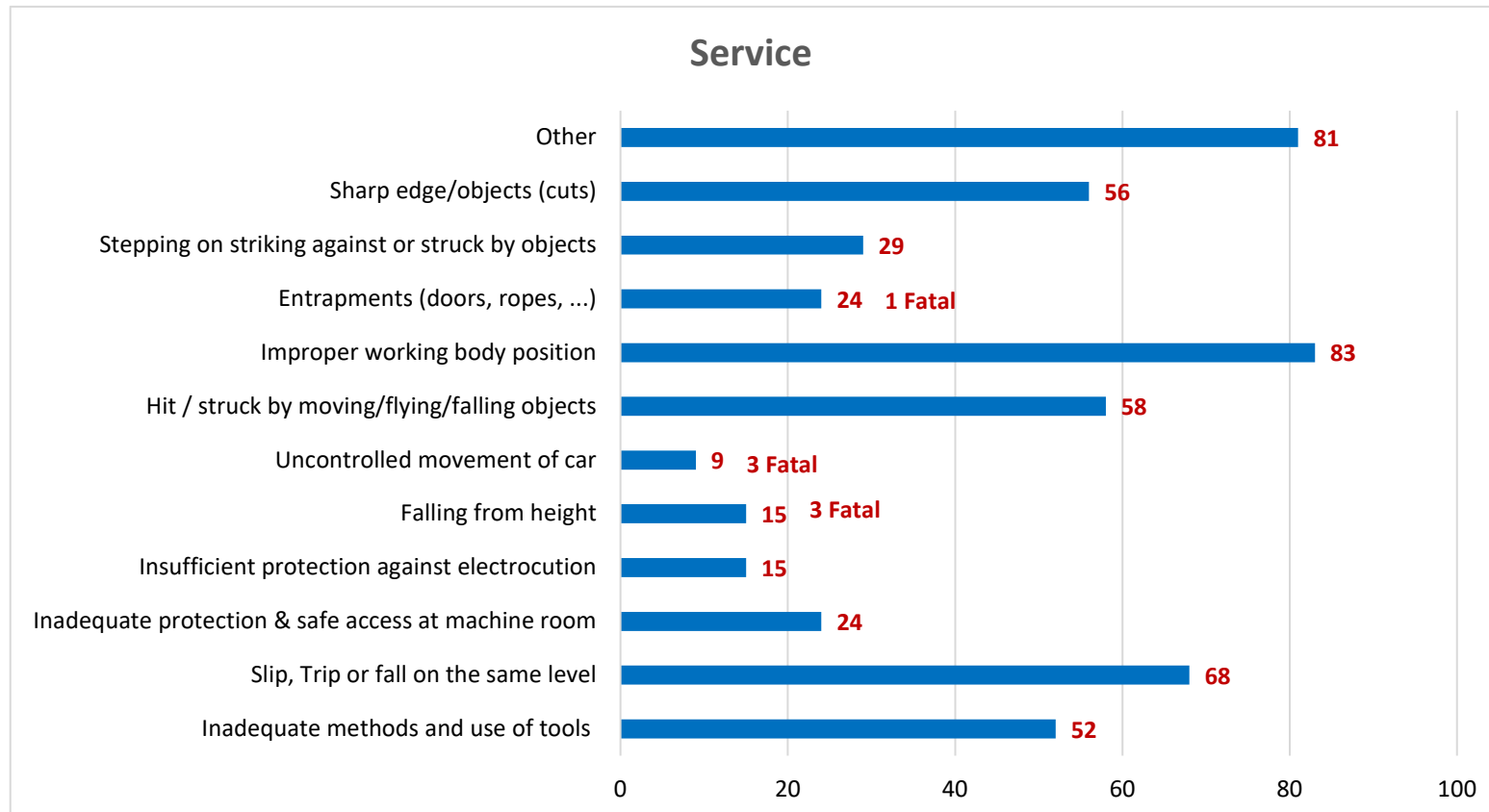
# Lift worker accidents 2022 - Installation

- 23 reporting countries
- 198 reported cases in 2022



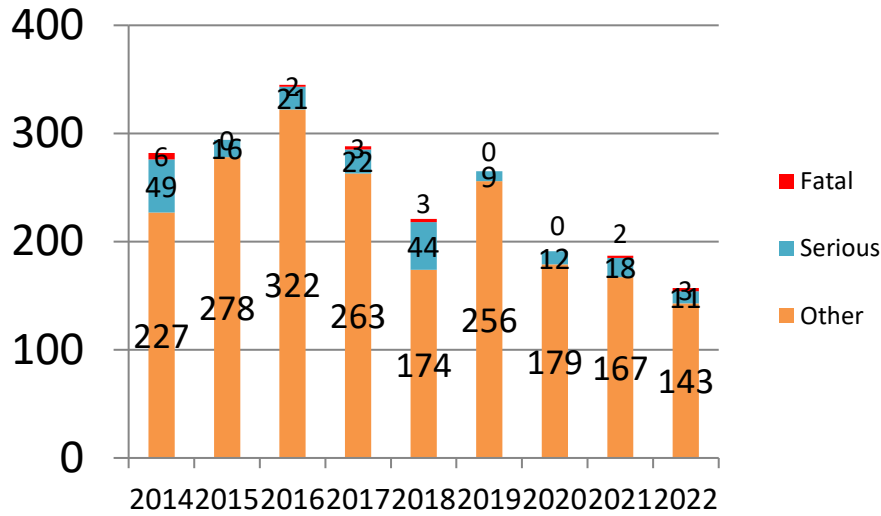
# Lift worker accidents 2022 – Service

- 23 reporting countries
- 521 reported cases in 2022

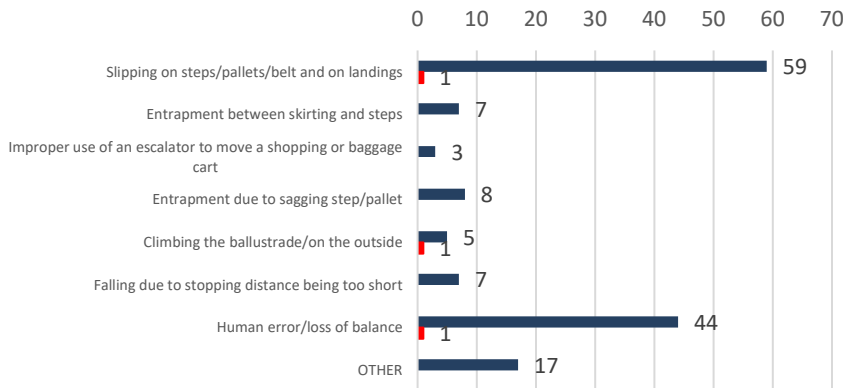


# Escalator user accidents

- 15 reporting countries
- 157 reported cases in 2022

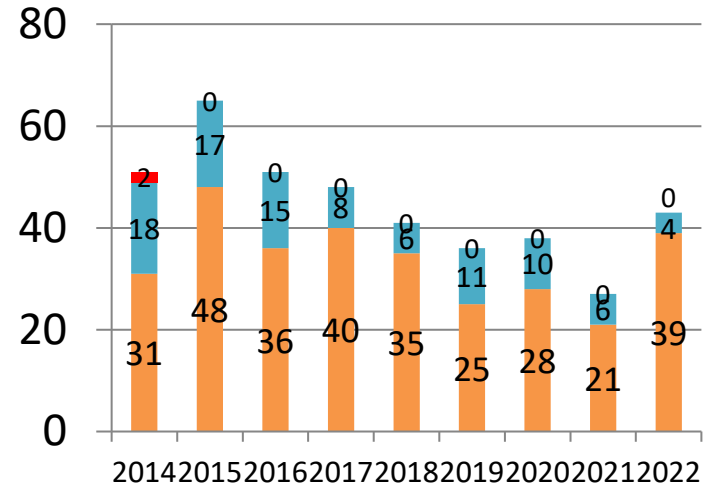


Main Reasons 2022

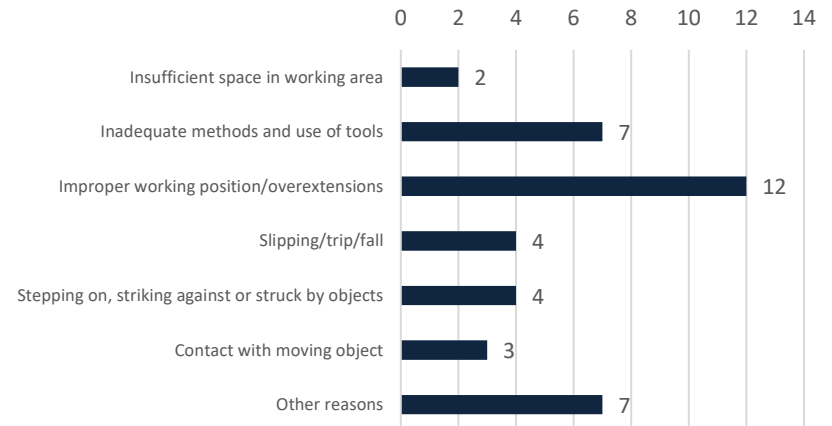


# Escalator worker accidents

- 10 reporting countries
- 43 reported cases in 2022



Main Reasons 2022



# Thank you for your attention!

