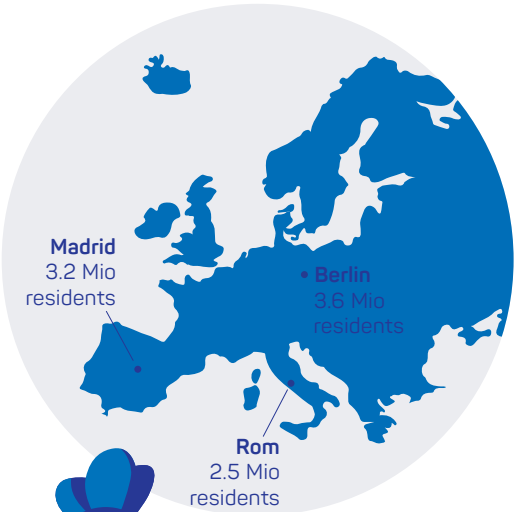


Factsheet

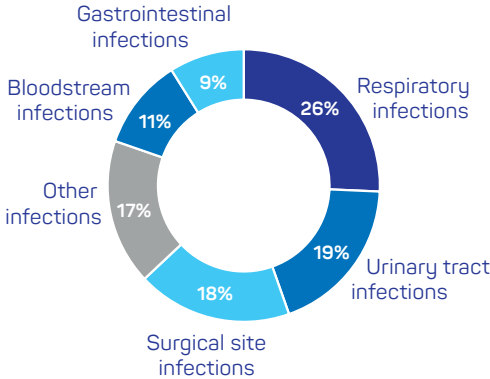
Healthcare-associated Infections

3.8 million
HAIs in Europe per year

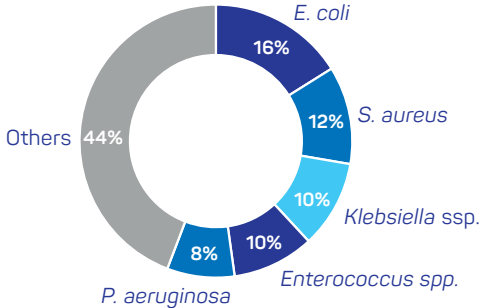


This costs per year
€ 7 billion

The **5** most frequent infections...



... and the **5** most frequent pathogens



This calls for
Basic Hygiene Measures



Research for
infection protection



Factsheet

Healthcare-associated Infections

Country	HAI per year	HAI prevalence	Fraction of antibiotic resistance	Deaths per year	Cost per year
Germany	605 000 [1]	3.6% 2016-17 [1] 5.6% 2017-19 [2] 6.3% 2020 [2]	16.8% [1]	15 000 [4]	€ 2 billion [3]
Austria	60 000 [1]	4.0% [1]	12.4% [1]		
Switzerland	70 000 [1, 6]	6.1% [5]		2 000 [6]	CHF 240 million [6]
Netherlands	40 000 [1]	3.8% [1]	14.5% [1]		
Spain	255 000 [1]	7.8% [1]	26.6% [1]		
EU	3 800 000 [1]	6.5% [1]	32.3% [1]	90 000 [11]	> € 7 billion [11]
USA	pre-pandemic 687 000 [10] post-pandemic 210 000 [7]	3.2% [10] 3.2% [7]		*** 72 000 [10]	\$ 6.5 billion [8]
World		* 7% ** 15% [8, 9]			

* high income countries
 ** low income countries
 *** based on 1999 hospitals (12 299 patients)

[1] Suetens C *et al.* (2018) Euro Surveill. 23(46):1800516
 [2] www.barmer.de/gesundheits-verstehen/praevention-und-vorsorge/barmer-krankenhausreport-2021-1054774 (accessed on 02 May 2023)
 [3] Nachtigall & Bonsignore (2018) Krankenhaushygiene up2date. 13:419-431
 [4] Gastmeier P *et al.* (2010) Deut Med Wochenschr. 135:91-93

[5] www.swissnoso.ch/fileadmin/swissnoso/Dokumente/5_Forschung_und_Entwicklung/8_Swissnoso_Publikationen/220917_2nd_report_Epidemiological_HAI_situation_in_Switzerland_Oct_20_Oct_21_fin.pdf (accessed on 02 May 2023)
 [6] www.swissnoso.ch/worum-geht-es/healthcare-assoziierte-infektionen (accessed on 02 May 2023)
 [7] www.cdc.gov/hai/data/portal/progress-report.html#2018 (accessed on 02 May 2023)

[8] www.convatec.at/media/1286/gpsc_ccisc_fact_sheet_en.pdf (accessed on 02 May 2023)
 [9] www.who.int/publications/i/item/9789240051164 (accessed on 02 May 2023)
 [10] Magill SS *et al.* (2018) N Engl J Med. 379(18):1732-1744
 [11] ECDC (2008) Annual epidemiological report on communicable diseases in Europe 2008. Stockholm (accessed on 02 May 2023)

The infection situation is changing constantly, thus the numbers presented here are changing as well.

Please contact the **HARTMANN SCIENCE CENTER** for current data: HSC-AS@hartmann.info

The data shown are based on different sources and might not be comparable. Therefore, use data only together with the respective reference.

