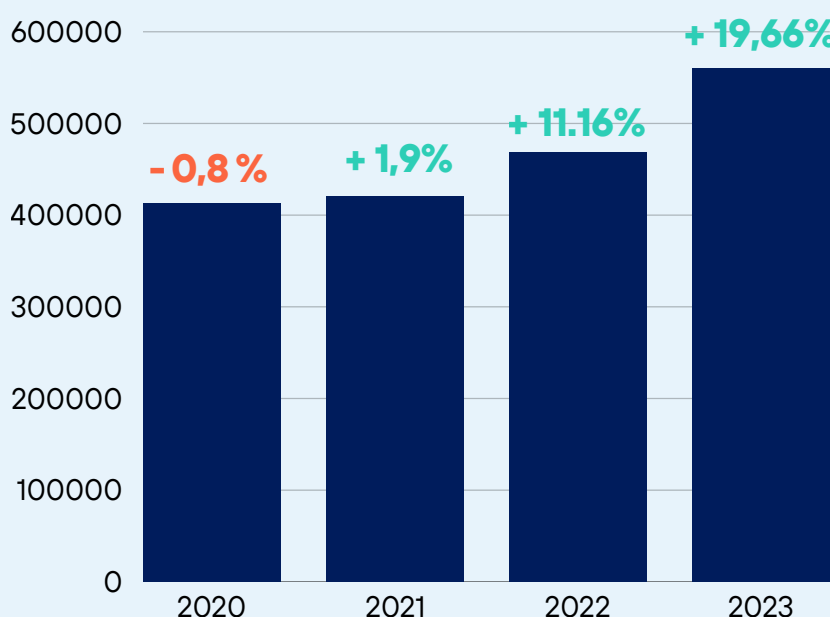


The automotive industry

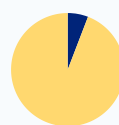
A key sector, highly exposed to MSDs

Key figures : Prevalence of MSDs in the automotive sector



Recruitment in the automotive sector

Apprentice recruitment rate



+ 6,2 %
in 2023

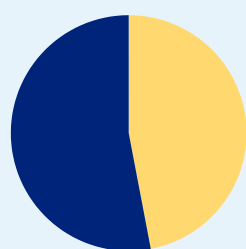
Recruitment rate in the sector



16,2%
in 2022

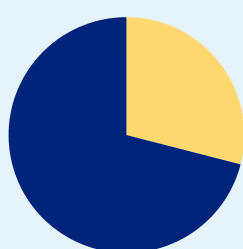
The automotive industry counted over 560,000 active workers in 2023, including employees, apprentices, and self-employed individuals—with 9 out of 10 employees on permanent contracts. Employment in the sector grew by 1.3% over 2023 and by 13.5% compared to 2015.

Distribution of MSDs in France in 2021 (ages 18 to 64)



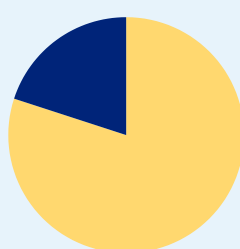
47 %

Back MSDs



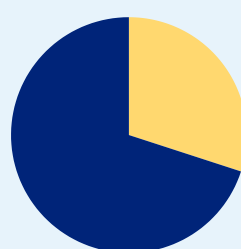
29%

Upper limb MSDs



80%

MSDs account for 80% of recognized occupational diseases



30%

MSDs are responsible for around 30% of work stoppages

Specific risk factors in the automotive industry

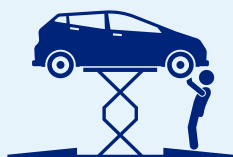


Assembly & installation :

Repetitive motions, overhead work, and back twisting.

Painting / bodywork :

Crouching postures or raised arms.



Mechanical & maintenance work :

Heavy physical exertion, prolonged uncomfortable positions.

Logistics & driving :

Lifting, vibrations, prolonged sitting positions.



MSD prevention strategies in the automotive industry

01

Ergonomic workstation design



Integrate ergonomics from the design stage of production lines.

02

Technological innovation



Software and sensors (motion capture, AI, solutions, etc.): analyze postures and identify risks upstream.

03

Training and awareness



Train in safe movements and postures (handling, seat adjustment, tool use) and **foster a culture of prevention**.