



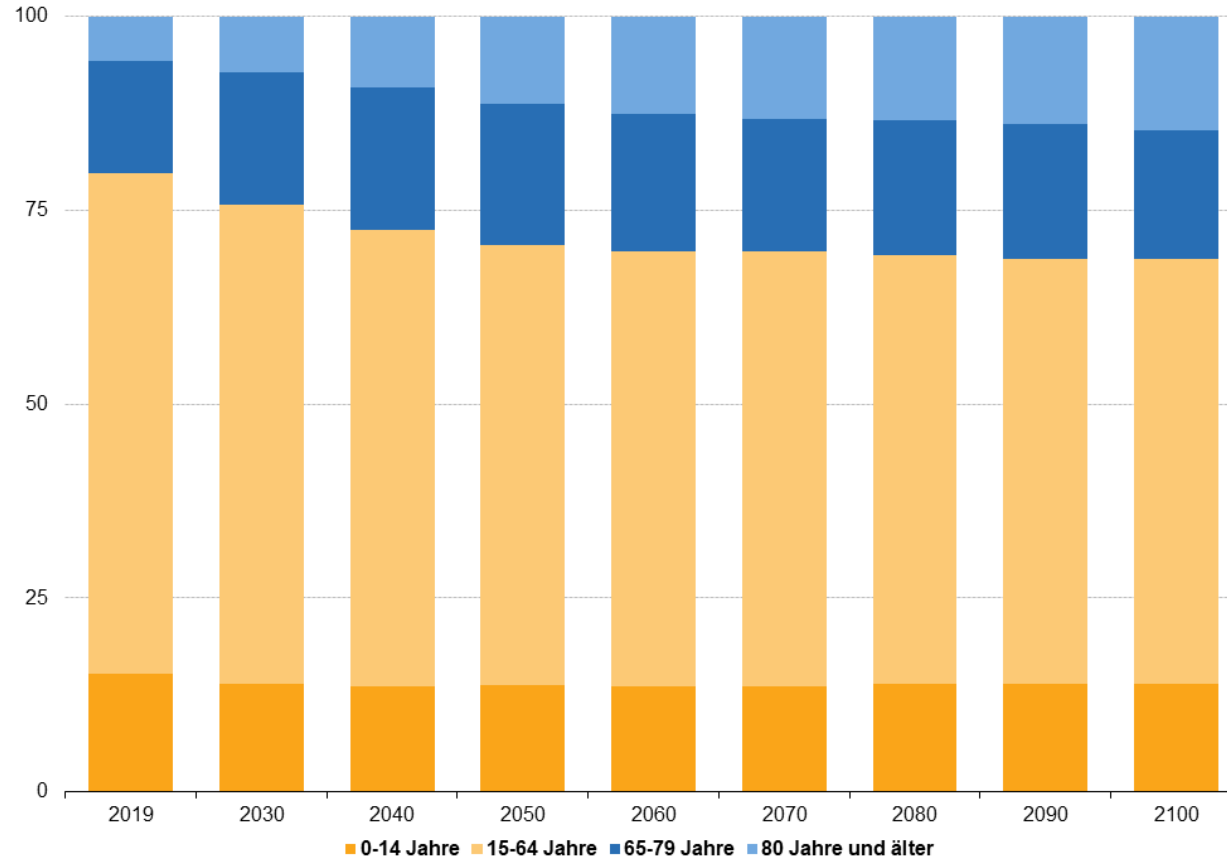
TEXTILINTEGRIERTE SENSOREN ZUR UNTERSTÜTZUNG VON MEDIZINISCHEN FACHKRÄFTEN IM PFLEGEBEREICH

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Alterung der Bevölkerung

Bevölkerungsstruktur nach Hauptaltersgruppen, EU-27, 2019-2100

(in % der Gesamtbevölkerung)



Hinweis: 2019: vorläufig. 2030-2100: Vorausschätzungen (EUROPOP2019).

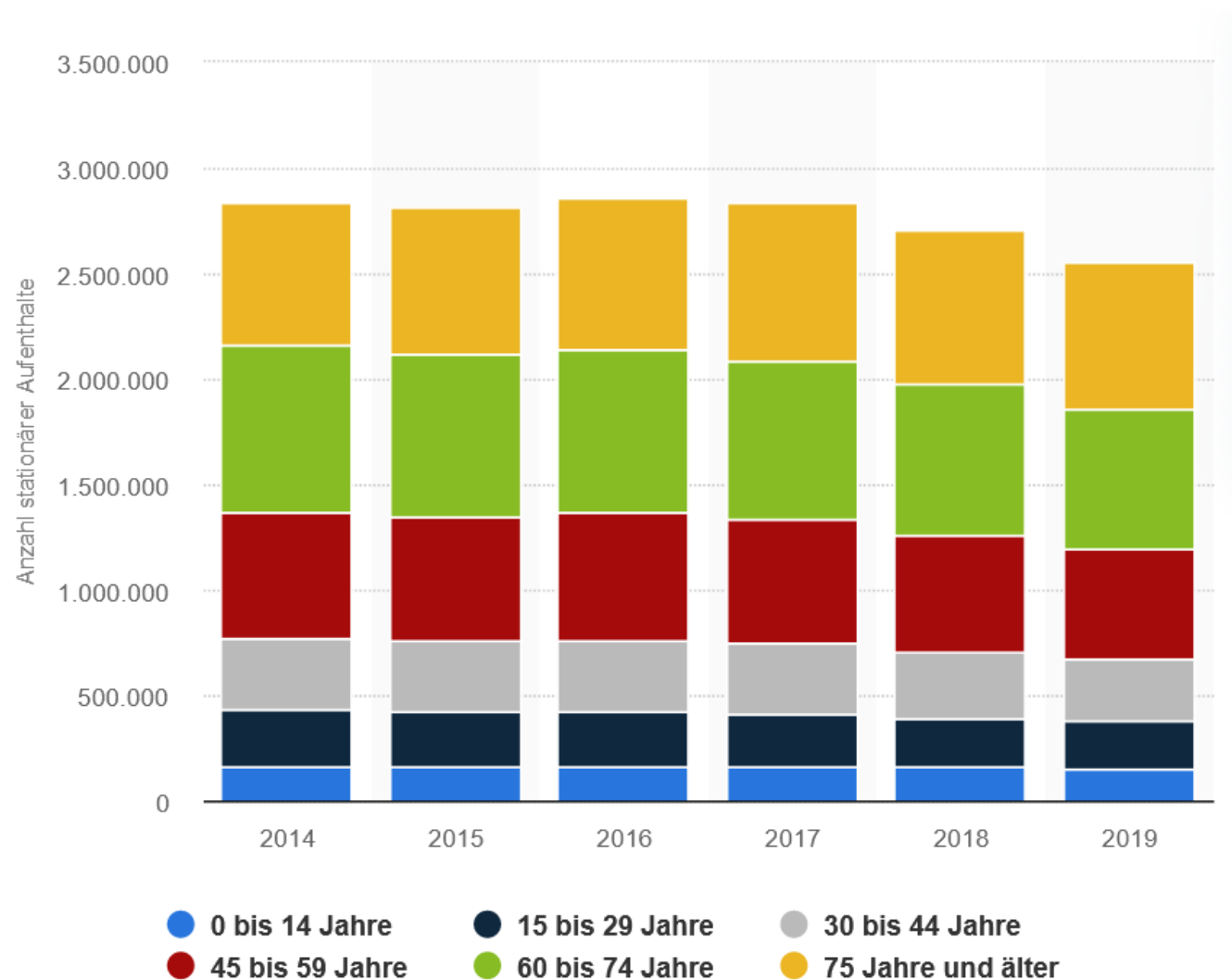
Quelle: Eurostat (Online-Datencodes: demo_pjanind und proj_19ndbi)

eurostat 



Nachhaltige Finanzierung des sozialen Gesundheitssystems?

Reduktion der Krankenhausaufenthaltsstage möglich?

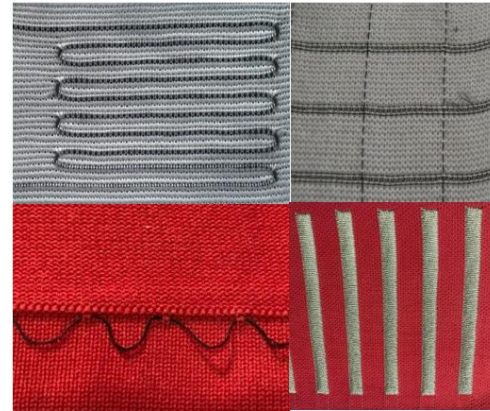


TEX-hype - Textile integrated hybrid printed electronics

Seamless integration of electronics and sensors into garment.

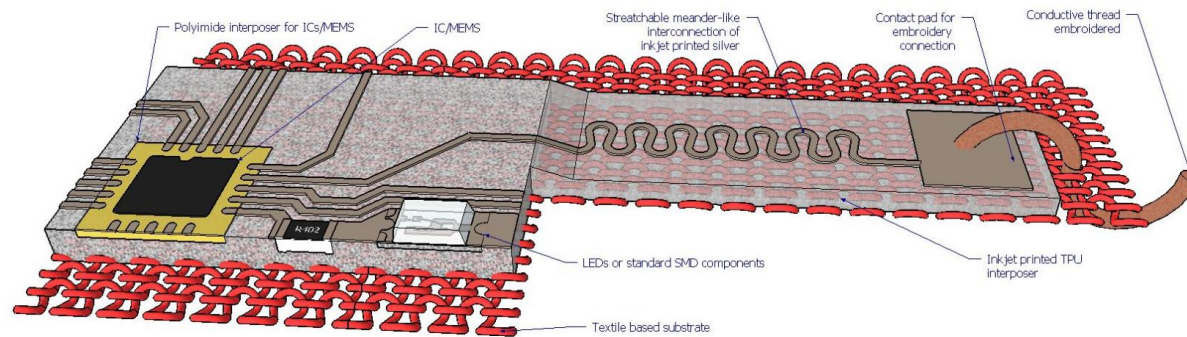
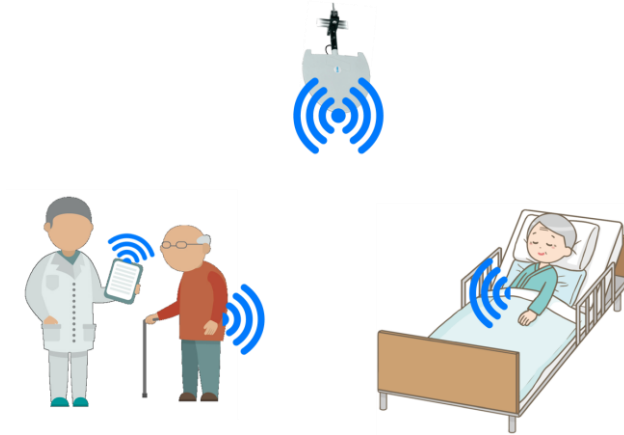


Embroidery of interconnects



Embroidery of flexible and stretchable sensors and actuators

Remote patient monitoring system



Printed interposer



Ludwig Boltzmann Gesellschaft



Forster Rohner
Textile Innovations



MEDICAL UNIVERSITY
OF VIENNA



Contract # 883859



Lighten - Virtual sensing of human vital parameters and sensor data fusion for patient safety

Use the potential of digitalization for health and wellbeing

Sensor fusion for improved trustworthiness and accuracy

Artificial intelligence-based analysis of longitudinal patient data sets

