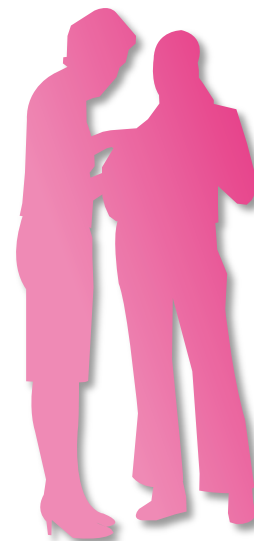


OPTIMISING OPPORTUNITIES FOR THE FUTURE

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GLOBAL EDUCATION FUTURES FORUM – KAZAN
INTERNATIONAL FORUM FUTURE SKILLS – KAZAN,
22-23 MAY 2015





DRIVERS OF CHANGE IN THE DEMAND FOR SKILLS

DEMOGRAPHY

TECHNOLOGY

VISION AND PATH OF ECONOMIC GROWTH

EDUCATION SYSTEM AND SKILLS MATCHING MECHANISMS

GLOBAL DEMOGRAPHIC DEVELOPMENTS 2010-2050

38% MORE WORLD CITIZENS, BUT **WORLD WIDE AGING**

SHRINKING POPULATIONS IN EUROPE

SHRINKING LABOUR FORCE WORLD WIDE

	World		Asia		Africa		Europe		Russian Federation	
2010										
population 0-14	1,842,237	27	1,060,076	25	424,072	41	114,050	15	21429	15
population 15-64	4,543,439	66	2,821,198	68	571,630	55	505,284	68	103374	72
population >65	530,507	8	284,166	7	35,381	3	120,975	16	18815	13
total	6,916,183		4,165,440		1,031,083		740,309		143,618	
share world population	100		60		15		11		2.08	
2050										
population 0-14	2,034,447	21	925,669	18	771,113	32	109,036	15	20643	17
population 15-64	6,026,928	63	3,337,993	65	1,481,951	62	409,378	58	75477	62
population >65	1,489,570	16	901,000	17	140,111	6	190,653	27	24776	20
total	9,550,945		5,164,662		2,393,175		709,067		120,896	
share world population	100		54		25		7		1.27	
change 2050/2010 %	38			24		132		-4		-16

Change in the demand for skills

Trends in routine and non-routine tasks in occupations, United States, 1960 to 2009

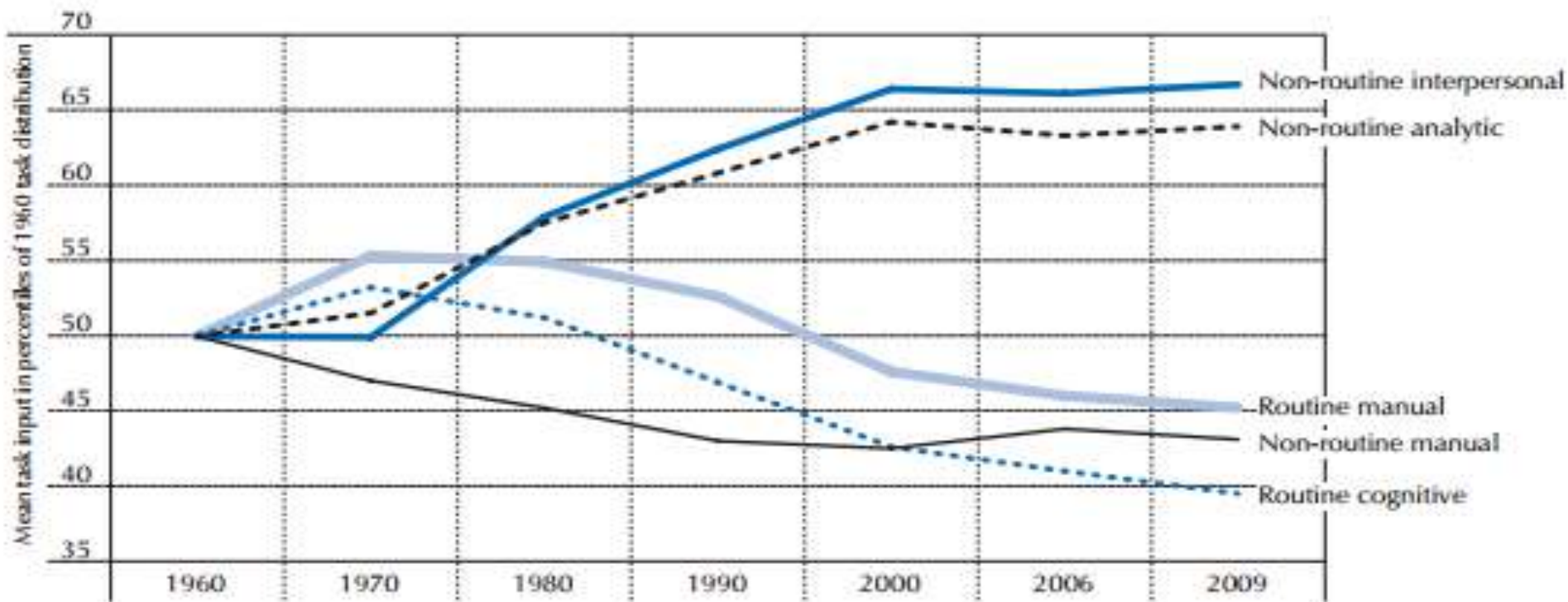
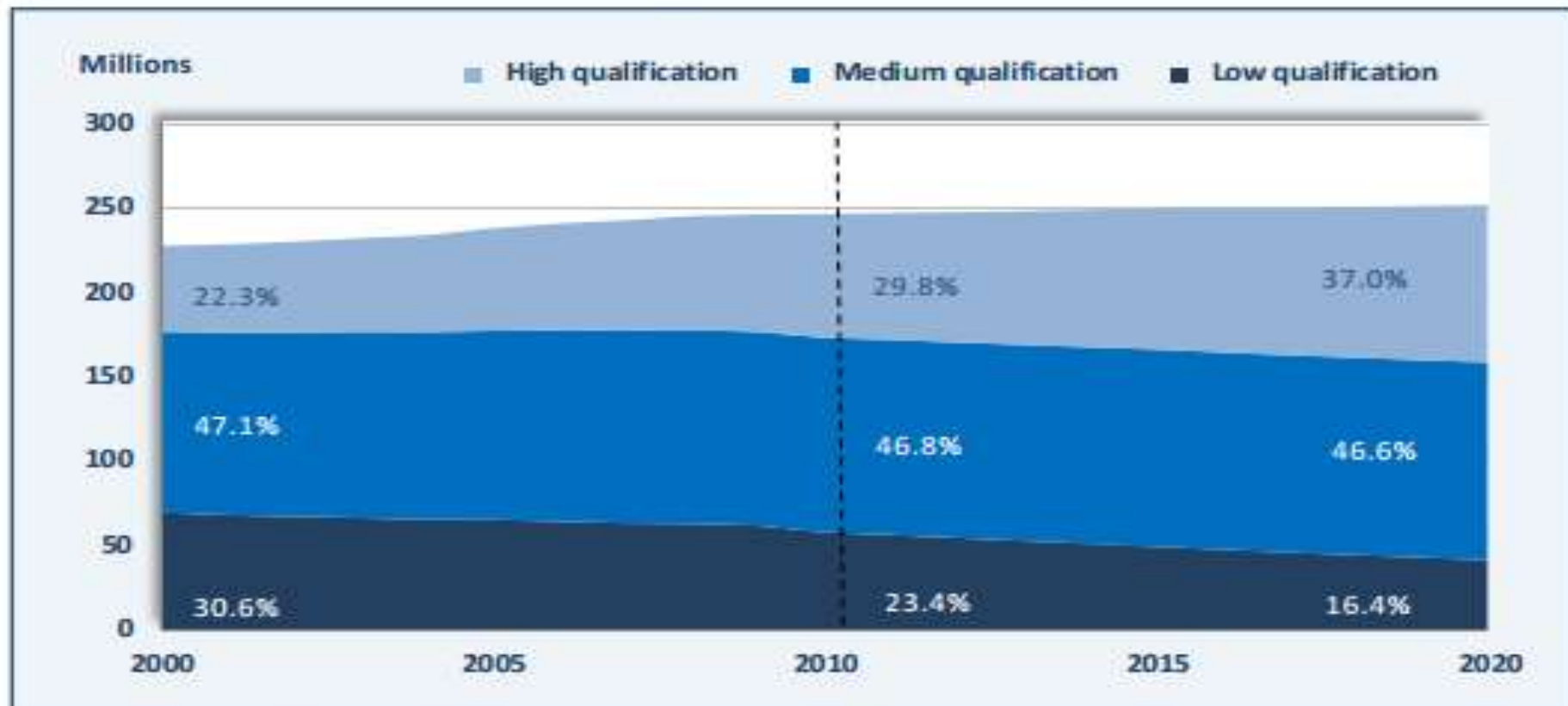


Figure d Labour force by level of qualification, 2000-20, EU-27+



Source: Cedefop



INCREASED DEMAND FOR HIGHER SKILLS, DECREASE IN LOW SKILLS BUT INTERMEDIATE SKILL REMAIN MOST IN DEMAND

Table a **Top five occupations most in demand up to 2020, EU_27+**

(millions)

ISCO occupation	Expansion demand	Replacement demand	Total job opportunities	Share of qualification (%)		
				High	Medium	Low
34 Other associate professionals	2.9	5.8	8.7	44.9	48.0	7.1
91 Sales and services elementary occupations	1.0	6.2	7.2	11.1	53.9	35.1
51 Personal and protective services workers	0.5	5.6	6.1	17.9	61.8	20.3
24 Other professionals	2.0	4.0	6.0	77.8	19.9	2.4
12 Corporate managers	1.0	4.1	5.1	62.2	31.8	5.9

Source: Cedefop.

22%

78%

41%

44%

14%

A VISION FOR
FUTURE SKILLS?

4. REGIONAL

Facilitate mutual learning among the countries in the region that will allow results to be exchanged and pave the way for future joint activities *(how can countries create synergy in HRD and learn from each other?)*

1. FORESIGHT

Develop and adapt a foresight methodology to build a vision with priorities and a roadmap for HRD *(which skills should be developed by 2020 and how can they be generated by the education and training system?)*

2. REVIEW OF INSTITUTIONAL ARRANGEMENTS

Produce and implement a methodology to identify the capacity development needs of institutions in charge of implementing the 2020 vision for skills *(what are the capacity needs of institutions to achieve the 2020 vision for skills?)*

3. MONITORING

Develop a performance-monitoring system based on indicators to monitor progress in HRD reform in line with national strategic objectives and the SEE Strategy 2020 and EU 2020 targets *(what indicators are needed to monitor progress and targets for the 2020 vision for skills?)*