

THE HAYS GLOBAL SKILLS INDEX 2012

hays.be

Brazil T +55 11 3046 9800 215 - 13° andar Sao Paulo, SP 04552-060

Canada T +1 416 367 4297 F +1 416 203 1923 6 Adelaide Street Eas Ontario, M5C 1H6 recruit@hays.ca

hays.ca Hong Kong T +852 2521 8884 F +56 (2) 449 1340 Unit 5805-07, 58th Floor Cerro El Plomo 5630 The Centre Of. 1701 P.O. 7560742 99 Queen's Road Central Las Condes, Santiago

China T +86 (0)21 2322 9600 F +86 (0)21 5382 4947 Wheelock Square No. 1717 West Nan Jing Road, Shanghai 200040

T +45 3315 5600

DK-1050 København K

T +33 (0)1 42 99 16 99

F +33 (0)1 42 99 16 93

Building Gaveau

75008 Paris

Germany

Hungary

T +36 1 501 2400

F +36 1 501 2402

1062 Budapest

T +49 (0)621 1788 0

F +49 (0)621 1788 1299

Willy-Brandt-Platz 1-3

F +45 3315 5601

France

hays.ie T +39 (0)2 888 931 Corso Italia, 13 20122 Milano

Japan T +81 (0)3 3560 1188 F +81 (0)3 3560 1189 Akasaka Twin Tower Main Tower 7F 2-17-22 Akasaka Tokyo, 107-0052

hays.co.jp T +352 268 654 F +352 268 654 10 2449 Luxembourg

Malaysia T +603 2786 8600 F +603 2786 8601

Russia T +7 495 228 2208 F +7 495 228 2500 Citydel Business Cent 9, Zemlyanoy Val

T +46 (0)8 588 043 00 F +46 (0)8 588 043 99 Level 17, ASB Bank Centre 11435 Stockholm stockholm@hays.com havs.se

1096 AS Amsterdam

New Zealand

135 Albert Street

info@hays.net.nz

T +48 (0)22 584 56 50

F +48 (0)22 584 56 51

Auckland

Poland

Ul. Złota 59

info@hays.pl

Portugal

00-120 Warszawa

T +351 21 782 6560

F +351 21 782 6566

Fracção 4, 1600-206

Lisboa lisboa@hays.pt

hays.pt

T +64 (0)9 377 4774

hays.nl

T +41 (0)44 2255 000 F +41 (0)44 2255 299 8001 Zürich info@hays.ch

United Arab Emirates T +971 (0)4 361 2882 F +971 (0)4 368 6794 Block 19, 1st Floor Knowledge Village

Office F-02 P.O. Box 500340, Dubai dubai@hays.com

F +44 (0)203 465 0001 4th floor 107 Cheapside EC2V 6DB

United States

T +1 201 209 2870

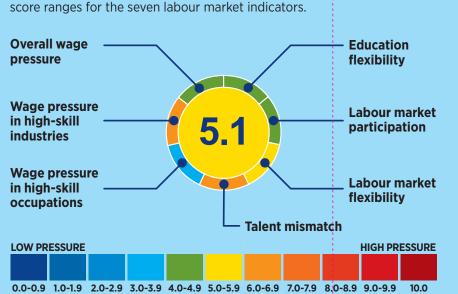
F +1 201 433 3358 30 Montgomery Street Suite 680 the increasing availability of talent to join the workforce. Jersey City, NJ 07302 • Labour market flexibility. Assesses the legal and regulatory • Talent mismatch. Measures the mismatch between the skills needed by Each country's Hays Index is surrounded by a coloured dial indicating the businesses and skills possessed by the labour force. A high score means that the numbers of long-term unemployed and vacancies are both increasing suggesting the available labour does not have the skills employers want. A low score implies that employers are having an easier time finding the talent they need.

• Overall wage pressure. Whether wages are keeping pace with inflation, which is a measure of overall labour market tightness. A high score means real wages are increasing quickly relative to the longer term. A low score mean's real wages are not rising quickly (or are even declining) relative to the longer term.

• Wage pressure in high-skill industries. The rate at which wages in high-skill industries outpace those in others. A high score means wages in high-skill industries are rising much faster than in low-skill industries. A low score means wages in high-skill industries are not rising faster than in low-skill industries.

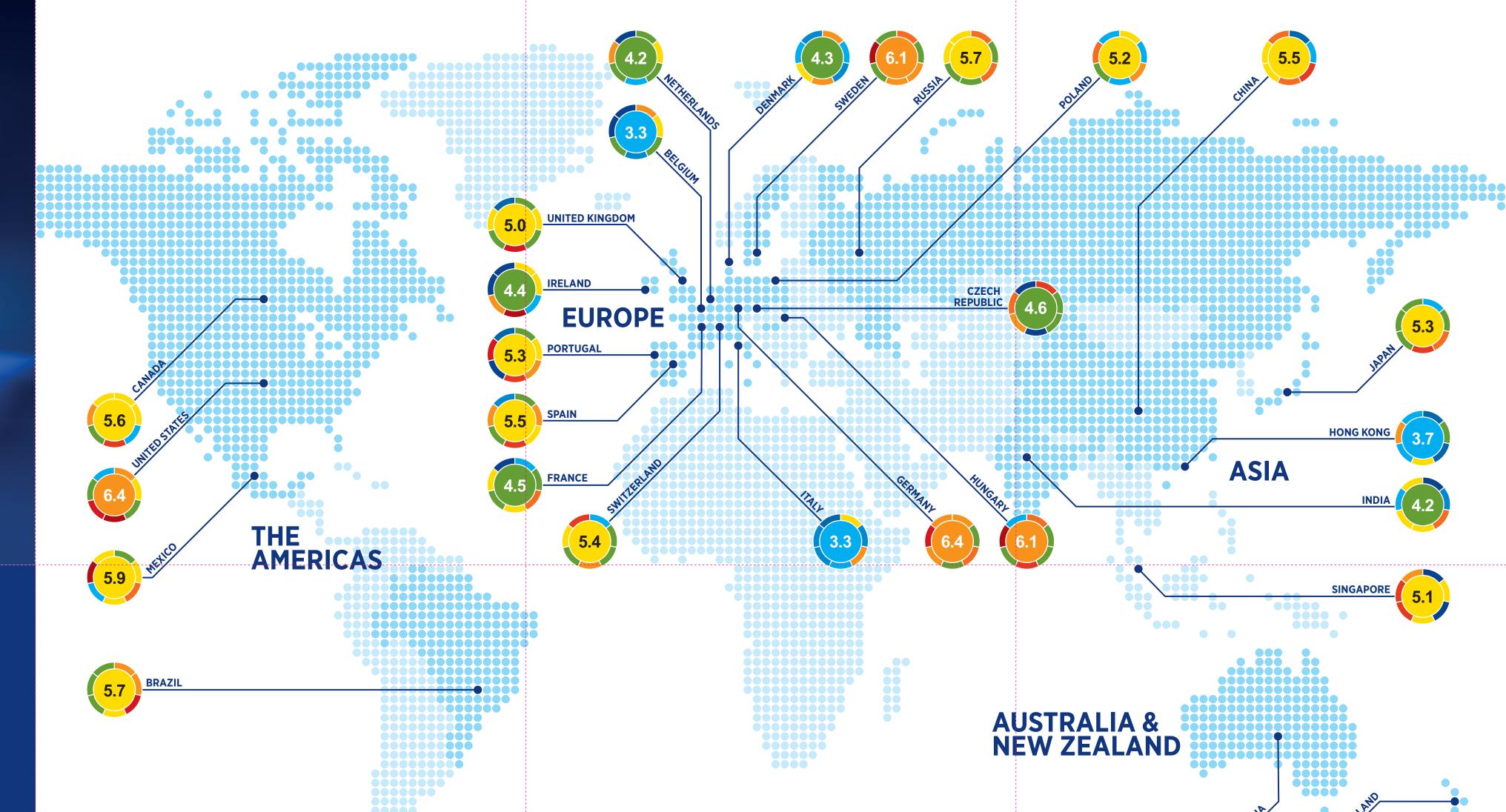
• Wage pressures in high-skill occupations. A measure of wage premium paid in high-skill occupations, which is an indicator of shortages of key talent. A high score means wages in high-skill occupations are rising faster than in low skill occupations. A low score means wages in high-skill occupations are not rising faster than in low-skill occupations.

score ranges for the seven labour market indicators.



The analysis on which the Hays Global Skills Index was based utilised data as of Q3 2012. Developments subsequent to this date are not reflected in the 2012 findings.

THE HAYS GLOBAL SKILLS INDEX 2012



CREATING THE HAYS GLOBAL SKILLS INDEX

The Hays Global Skills Index highlights the main pressure points impacting the labour markets of 27 countries.

The Hays Index ranges from 0 to 10.0 where a score of 5.0 indicates a generally balanced picture for labour markets. This suggests firms are able to recruit, retain or replace their key talent at prevailing wage rates. A score close to 0 indicates intense competition for key talent vacancies. A score close to 10.0 indicates severe difficulty in filling key vacancies.

• Education flexibility. Measures whether the education system can adapt to meet organisations' future talent needs, particularly in the field of maths, science and literacy. A high score means there is limited potential or capacity to increase education performance and output. A low score indicates there is considerable scope to expand the output and quality of the local educational system.

• Labour market participation. Measures the degree to which a country's talent pool is fully utilised. A high score means that the proportion of working age people that are employed (or are available for immediate work) is not increasing, indicating constraints on the availability of additional resource. A low score means that the participation rate reflects

environment faced by businesses. A high score means the labour market legislation is judged to be inflexible and there are constraints on the ability of inward migrants to fill talent gaps. A low score means the labour market legislation is judged to be flexible, with an openness to immigration.

These seven criteria are all given equal weighting.

(**→**recycle

© Copyright Hays plc 2012. HAYS, the Corporate and Sector H devices, Recruiting experts worldwide, the HAYS Recruiting experts worldwide logo and Powering the World of Work are trade marks of Hays plc. The Corporate and Sector H devices are original designs protected by registration in many countries. All rights are reserved. The reproduction or transmission of all or part of this work, whether by photocopying or storing in any medium by electronic means or otherwise, without the written permission of the owner, is restricted. The commission of any unauthorised act in relation to the work may result in civil and/or criminal action. PLC-5886.



THE HAYS GLOBAL SKILLS INDEX 2012



AUSTRALIA

HAYS GLOBAL SKILLS INDEX 5.9

Due to Australia's robust economic performance during the financial crisis, overall wages are rising which indicates that organisations face difficulties in recruitment and retention due to shortages of qualified workers. This is being felt most acutely in high-skill industries.

MACROECONOMIC INDICATORS

Fragility of economy

Australia's government finances and exports appear sustainable, indicating that the economy is not overly vulnerable to external shocks.

Although GDP growth has eased as a result of lower demand from emerging markets, the rate of inflation remains moderate.

HAYS GLOBAL SKILLS INDEX 3.3

The fragile state of Belgium's economy and moderately-high unemployment rate means overall wages are falling slightly. Notably, wage differences between high-skill and low-skill industries have fallen, indicating there are strong pools of candidates for many sectors.

MACROECONOMIC INDICATORS

Deterioration in the government's finances, coupled with anaemic growth, indicates economic fragility will remain.

ealth of economy

Persistent inflation in a weak economy presents a difficult economic situation for Belgium.

HAYS GLOBAL SKILLS INDEX 5.7

Although Brazil's economy is relatively healthy, the biggest challenge lies with labbur market regulations. The inflexible labour market, along with outward migration, means that employers face difficulties in recruiting workers.

MACROECONOMIC INDICATORS

ragility of economy

At current and forecast rates of economic growth, government finances and exports look sustainable, which means the economy appears well placed to weather external shocks.

Health of economy

Despite a recent tick down, growth is forecast to return and inflation to remain contained.

HAYS GLOBAL SKILLS INDEX 5.6

Despite a positive economic outlook, Canadian employers are facing a talent mismatch. There is a good pool of available workers, but employers are finding it increasingly difficult to fill certain posts, particularly in high-skill industries.

MACROECONOMIC INDICATORS

5.1

5.0

5.4

Recent deterioration in government finances and exports indicate fragility. However, robust growth forecasts indicate an improving outlook over the next few years.

5.2 Health of economy

The Canadian economy is running with lower output while inflation remains moderate.

HAYS GLOBAL SKILLS INDEX 5.5

The biggest challenge for China's labour market is its relatively inflexible labour laws and large-scale outward migration of skilled workers. As a result overall wages will rise and employers will have a more difficult time finding qualified workers.

MACROECONOMIC INDICATORS

Growth, while remaining high by US and European standards, has eased and is forecast to moderate. Meanwhile. government finances and exports are forecast to weaken.

ealth of economy

While fragility indicators point to increasing vulnerability, and there are early indicators of economic weakening, inflation remains benian.

CZECH REPUBLIC

HAYS GLOBAL SKILLS INDEX 4.6

The labour market is in good shape but there are some early signs of rising wages in high-skill industries. Looking ahead, the education system will need to improve to meet the anticipated future demand for high-skill workers.

MACROECONOMIC INDICATORS

Weak government finances and lacklustre growth points to vulnerability to further Eurozone shocks.

6.7

Despite a rebound since 2010, growth has eased off and inflation remains as a concern.

Despite lacklustre economic growth and

increasing unemployment, Denmark's

well. Wage pressures among high-skill

occupations suggest skills shortages for

Deteriorating government finances and a

slow recovery from the sharp recession of

MACROECONOMIC INDICATORS

2008-2009 points to underlying

Compared to some Nordic countries,

Denmark's economy has struggled,

weighed down with unemployment,

inflation and subdued growth.

economic fragility.

lealth of economy

key talent.

labour market is performing moderately

HAYS GLOBAL SKILLS INDEX 4.3

8.5

Although France's economy has slowed dramatically, the labour market is performing moderately well. The main challenge for the labour market is the costly legal and regulatory burden faced by employers.

HAYS GLOBAL SKILLS INDEX 4.5

MACROECONOMIC INDICATORS

9.0

Sharp deterioration in government finances and exports indicate fragility. Despite an economic rebound since 2009, growth remains anaemic.

8.5 Health of economy

The economy is operating with lower employment and output, but inflation remains a concern. The outlook inevitably remains dependent on developments in the wider Eurozone.

HAYS GLOBAL SKILLS INDEX

Germany's economy has performed well. but employers are facing increasing difficulties in finding sufficient numbers of high-skilled workers. This is particularly evident in increasing wage levels in high-skill industries.

MACROECONOMIC INDICATORS

agility of economy

Strong exports and improving government finances indicate underlying strength. Despite this, the German economy remains vulnerable to spillovers from the Eurozone crisis.

Germany's economy has performed well in the face of strong headwinds. Early signs of a slowdown in growth and of hidden inflation pose a risk looking ahead.

HONG KONG

HAYS GLOBAL SKILLS INDEX 3.7

The labour market is performing well, with the unemployment rate lower than before the financial crisis. Hong Kong also benefits from a flexible labour market and a well-educated workforce. Rising wages in high-skill industries, linked with a moderate talent mismatch, present the main challenge.

MACROECONOMIC INDICATORS

5.3 Fragility of economy

sustainable at current growth rates.

lealth of economy

7.3

Exports and government finances appear

evidence of mounting inflation.

The economy is operating close to full employment and output, but there is

HAYS GLOBAL SKILLS INDEX 6.1

Mounting wage pressures in key high-skill industries is symptomatic of talent shortages. Hungary suffers from talent mismatch, linked to a weak education system.

MACROECONOMIC INDICATORS

Sharp deteriorations to exports and government finances reflect weak domestic demand and a precipitous fall in the exchange rate.

ealth of economy

Weak consumer demand is weighing down on economic growth. Inflation

IAYS GLOBAL SKILLS INDEX 4.2

India's economy is vulnerable to economic shocks, but it has a relatively well-performing labour market. While employers continue to be held back by red tape, the education system is improving.

MACROECONOMIC INDICATORS

8.3 ragility of economy

Exports have markedly deteriorated in recent years, while government finances remain weak.

remains subdued by historical standards.

INDIA

Health of economy

Although growth has eased since its peak in 2007, the economy is operating close to full employment and inflation is easing.

IRELAND

AYS GLOBAL SKILLS INDEX 4.4

As the economy struggles to regain its foothold in the aftermath of the financial crisis, real wages are falling. A severe problem facing the Irish labour market is a talent mismatch, linked with a moderate increase in wages in high-skill occupations.

MACROECONOMIC INDICATORS

Growth has tipped back into negative territory, while sharp deteriorations to exports and government finances is indicative of the current fragility of the

lealth of economy

In the wake of 2008-2009 recession, the economy has languished. Consumer price inflation, whilst contained, is rending upwards.

ITALY

IAYS GLOBAL SKILLS INDEX 3.3

With the economy in recession, wages have not kept pace with inflation. Italy also suffers from weaknesses in its education system and an inflexible labour market, but there are no talent mismatch issues.

MACROECONOMIC INDICATORS

ragility of economy

Despite some evidence of improvement, exports and government finances remain weak, indicating vulnerability to further external shocks.

8.0

ealth of economy

The economy will perform poorly this year, with GDP forecast to fall by 2.3%, while inflation remains elevated.

HAYS GLOBAL SKILLS INDEX 5.3

Japan's economy faces an improving macroeconomic environment, but a lack of openness to immigration, combined with a strong talent mismatch means that employers may face an increasingly harder time filling posts.

Japan's government finances remain weak, while its exports have deteriorated in recent years. Growth is expected to remain around 2% for the next few years; while modest, this is above the recent

The economy is operating with a substantial margin of low output. There is some evidence of rising inflation – for an economy prone to deflation, this is a positive development.

HAYS GLOBAL SKILLS INDEX 5.9

MEXICO

Reflecting the economy's good recent growth performance, wage pressures have been building in high-skill industries, a sure sign of skill shortages in key sectors. This problem, combined with significant outward migration, will

MACROECONOMIC INDICATORS

increasingly pose a challenge.

There is a mixed picture of improving exports but weakening government finances.

5.0 Health of economy

Growth levels are close to recent historical averages, and there are reassuring signs that inflation remains under control.

SWITZERLAND

recently, wage pressures remain. Given

Switzerland's success at attracting key

foreign talent, skill shortages are unlikely

NETHERLANDS

HAYS GLOBAL SKILLS INDEX 4.2

inflation and unemployment is increasing, the decline in long-term unemployment is a positive sign. Despite the weak economy, wage pressures in high-skill industries suggest increasing skill shortages for key talent.

MACROECONOMIC INDICATORS

The fragility score reflects the recent

ealth of economy

economy, wages have not kept pace with inflation. Despite this, employment has held up, but wage pressures in high-skill industries indicate skill shortages for key talent.

NEW ZEALAND

HAYS GLOBAL SKILLS INDEX

Reflecting the weak state of the

MACROECONOMIC INDICATORS

Deterioration in the government's finances, low exports, and muted growth all point to underlying fragility.

The economy is operating with high unemployment and lower growth, while inflation remains elevated.

POLAND

industries indicate shortages

HAYS GLOBAL SKILLS INDEX The Polish economy is weathering the financial and Eurozone crisis, although mounting wage pressures in high-skill

in key talent.

MACROECONOMIC INDICATORS

5.1 Fragility of economy Fragility indicators suggest that, while the Polish economy remains robust, favourable export levels and government

finances have begun to unwind.

Health of economy 5.5 Recent economic data suggests that Poland's economy is entering a gradual slowdown.

Portugal's economy is struggling in the wake of severe government spending cuts. Despite the slowdown, wage pressures remain in high-skill industries, reflecting shortages of key talent.

MACROECONOMIC INDICATORS

PORTUGAL

HAYS GLOBAL SKILLS INDEX 5.7 HAYS GLOBAL SKILLS INDEX

Portugal is vulnerable to contagion from the on-going Eurozone crisis.

ealth of economy 8.0 Government spending cuts are placing severe pressures on the economy, which is struggling to overcome deep seated structural problems.

RUSSIA

Although the economy is performing robustly, skill shortages will persist unless reforms are undertaken to improve the education system, lessen red tape and inject more competition in nome markets.

Government finances have improved,

recent past, are positive.

lealth of economy

MACROECONOMIC INDICATORS 5.2 ragility of economy

whilst net exports, albeit lower than in the

There is a benign outlook of sustained economic growth and contained inflation.

occupations.

HAYS GLOBAL SKILLS INDEX Singapore's economy shows signs of overheating, resulting in rising inflation. Wage pressures are mounting, especially in high-skill industries and high-skill

MACROECONOMIC INDICATORS

6.5 Relative to historical norms, growth and government finances look weak. Exports are strong, but the outlook is for the rend to decrease.

There are signs of economic overheating,

SINGAPORE

HAYS GLOBAL SKILLS INDEX In the wake of a banking and government fiscal crises, the economy is high. Yet skill shortages persist with

ragility of economy

8.4 Spain remains highly vulnerable to contagion and shocks spreading from the

MACROECONOMIC INDICATORS

9.1 lealth of economy Spain is undergoing a painful adjustment

the confidence of international creditors.

SWEDEN

IAYS GLOBAL SKILLS INDEX Mounting wage pressures in high-skill industries indicate shortages of key workers. A relatively inflexible labour market also exacerbates the effect of the

talent mismatch.

contained.

Balanced government finances and good exports provide Sweden with some measure of protection against any fallout from the Eurozone.

Favourable government finances and exports position Switzerland favourably to withstand any further fallout from Eurozone crisis.

While the economy is performing well compared to many of its neighbours, growth has eased off and there are indicators that the Eurozone crisis is weighing down on export growth.

Although wages have not kept up with

deterioration in government finances, coupled with weak consumer demand.

7.2

The economy is in recession, with forecasts pointing to continued weakness over the next few years. Inflation remains elevated but is expected to ease.

UNITED KINGDOM

HAYS GLOBAL SKILLS INDEX 5.0 The economy, buffeted by the financial and Eurozone crisis, faces a severe talent

mismatch where the high proportion of

unemployed out of work for over a year

poses a serious threat to employability

MACROECONOMIC INDICATORS

and skills.

Compared to historic norms, growth and government finances are

7.5 The economy is operating with low

UNITED STATES

HAYS GLOBAL SKILLS INDEX

A jobless recovery and an increasing number of long-term unemployed are pressing issues. Persistent wage pressures in high-skill occupations is further evidence that organisations are finding it hard to find key talent despite

MACROECONOMIC INDICATORS

the weakness of the economy.

Whilst economic growth remains subdued, government finances and exports indicate vulnerability to further

HAYS GLOBAL SKILLS INDEX KEY

LOW PRESSURE



STRONG ECONOMY

0.0-0.9

0.0-0.9

1.0-1.9

2.0-2.9

























6.0-6.9

7.0-7.9

5.3

8.0-8.9

ealth of economy

coupled with rising prices.

9.0-9.9

8.2

HIGH PRESSURE

SPAIN

in recession and unemployment is very wage pressures in high-skill industries.

Eurozone crisis.

as it attempts to cut spending and ncrease economic output while retaining

MACROECONOMIC INDICATORS

historic average. ealth of economy

MACROECONOMIC INDICATORS

6.4 After a strong rebound post-2009 recession, the growth rate is easing off,

but there are signs that inflation remains

HAYS GLOBAL SKILLS INDEX 5.4 While economic growth has eased off

to become acute.

MACROECONOMIC INDICATORS agility of economy

6.8

output, and whilst inflation remains elevated, it is easing.

exceptionally weak.

The economy is operating with high unemployment and elevated inflation

The analysis on which the Hays Global Skills Index was based utilised data as of Q3 2012. Developments subsequent to this date are not reflected in

the 2012 findings. **WEAK ECONOMY**

negative shocks. ealth of economy 8.1