

***“Presentation of the results
of the first national survey
among enterprises on training needs
in the labour market”***

*case study Italy – the experience ISFOL
professionioccupazione.isfol.it*

“Mechanism to identify training needs in the labour market”
peer learning activity on EQAVET indicator 9
Roma, Palazzo Rospigliosi, 11 dicembre 2014

Massimiliano Franceschetti - Isfol

ISFOL

ISFOL – *ABOUT US*

The Institute for the Development of Vocational Training for Workers (ISFOL) is a national research institute with a specific focus on vocational education and training (VET), employment and social policies and a strong commitment to promoting employment, social inclusion, skills and human capital development as well as at fostering growth and innovation.

1

Conceptual framework

strategy

2

How identify training needs

mechanism

3

Some results - example

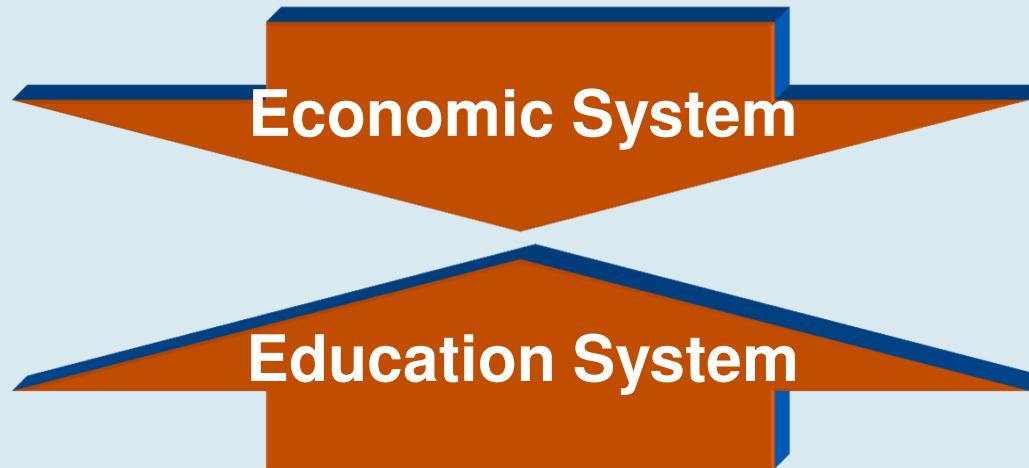
Conceptual framework

In Italy, but I should say in Europe, we need new policy to better manage the labour market.

The speed of changes in the labour market creates some difficulties in the process of relating the educational system to the new reality.

A Growing Need

**to collect, assess, formalize and monitor
professional and knowledge requirements**



**to address and evolve education and
training system to give adequate answers to
enterprise and country needs**

The Ministry of Labour has faced this problem in order to increase opportunities for employment for people entering the labour market. The Ministry of Labour decided to build up a “*National system for the observation of skill needs*”

The aim of this system, introduced as part of the institutional reforms in education, vocational education and the labour market, is to monitor changes in the fields of occupation and to better coordinate the educational system with the labour market.

In order to plan and to design training and education in line with the demands of the socio-economic system



it is vital to identify and to quantify the occupations and skill needs and to determine the sectors and localities in which they can be useful



1

How? The Ministry of Labour gave to social partners (bilateral bodies) and then to ISFOL the task of conducting national surveys on skill needs.

The Ministry of Labour gave also to ISFOL the task to set up the network among the surveys and to build up a “National system for the observation of skill needs”.



2



What? The “National system for the observation of skill needs” is seen as a clearinghouse generating a flow of qualitative, quantitative and forecasting information on the needs expressed by the economic system.

To know the “National system for the observation of skill needs” it is necessary to connect to the web site professionioccupazione.isfol.it.

This web site was designed and implemented by ISFOL at the request and on behalf of the Ministry of Labour.

http://professionioccupazione.isfol.it/index.p home — ISFOL ISFOL - Occupational Requi... File Modifica Visualizza Preferiti Strumenti ? Ulteriori componenti a... alimentazione Servizi catastali pratiche e ... POSIZIONE CONTRIBU... Samvise Ti Aiuta a Prende... casa Ulteriori componenti a... HOME ABOUT WARNINGS METODOLOGICAL NOTES FAQ DATA PUBLICATIONS CONTACTS CREDITS SITEMAP ITA ENG You are here: HOME-> SERVICES - % OF INDUSTRY WITH REQUIREMENT FOR BUSINESS SECTOR' Italia Fonte: Isfol, Audit sui fabbisogni, I edizione OCCUPATIONS Occupations without secrets. Knowledge, skills, aptitudes and more information. All existing occupations in our country are grouped in approximately 800 Occupational Units and each of these is described on the basis of over 300 variables. Furthermore, under each Occupational Unit, you can consult the data provided by enterprises regarding the occupational requirements of workers. Navigate by choosing among the following four search modes: Textual search Search occupation Search Search for classification Search in CP2011 Search for Knowledges Administration and Managerer Search Search for Skills Active Learning Search INFORMATION SYSTEM ON OCCUPATIONS In Italia il 33% delle imprese private, poco più di mezzo milione di realtà imprenditoriali, hanno dichiarato di avere un fabbisogno in azienda, relativamente alla forza lavoro occupata, da soddisfare nel breve termine, comunque nell'arco dei prossimi mesi. Gli imprenditori e i responsabili di aziende, insomma, ritengono necessario e utile un rafforzamento della conoscenze e delle skills dei lavoratori presenti in azienda (in particolare per i dipendenti con contratto a tempo indeterminato, a termine, di apprendistato e lavoro stagionale) da concretizzare con attività di aggiornamento, di affiancamento o con la partecipazione a corsi di formazione. Per saperne di più.... >>> SCARICA PDF<<< THE TOOLS ASSES YOUR KNOWLEDGE AND GUIDE YOURSELF TO WORK AND TRAINING Click on [Occupational Profiler](#) and you will have the opportunity to assess your knowledge and guide yourself to work and training. (*If you are using these tools for the first time, we recommend you read the instructions first by clicking on the link [Warning/Methodological Notes](#)) ARCHIVIO Select item THE TOOLS INFORMATION SYSTEM ON OCCUPATIONS This web site is a part of an Integrated System on the occupations promoted jointly by Isfol and Istat and that involves several public and private bodies that produce or deliver information and data on occupations. IT 12:18 04/12/2014 Accounts Accommodation technicians and rel ISFOL

The portal is a resource for stakeholders interested in understanding the dynamics and evolutions of occupations in the labour market, in order to define more effective and targeted policies in the areas of employment and training, organizational development and human resources management.

The portal is designed to support informed choices by decision-makers, as well as VET system, researchers, entrepreneurs, students and workers.

User has at disposal a broad spectrum of information in matter of occupations, vocational needs and employment.

Surfing this portal is a journey to discover the variety in the world of occupations. In fact, users can collect informations on:

description of the contents of the occupations

economic outlook and sectoral employment forecasts in the medium term

change and evolution of the contents of the occupations in the short term

(description of each occupational need also in terms of knowledges and skills needed)

employment forecasts in the short and medium term at national and regional level

VET system

ISPOL

The link between the various types of information is based on official classifications of:

**economic activities
(classification ATECO)**

**occupations
(international ISCO 2008
and national ISTAT CP 2011)**

This web site is also a part of an integrated information system on the occupations jointly promoted by Isfol and Istat (Italian national bureau of statistics). It is fed by several public bodies that produce or deliver information and quantitative data on occupations, for example

**Istat (labour force),
Ministry of Labour (supply and demand in the employment market "Cliclavoro web site"),**

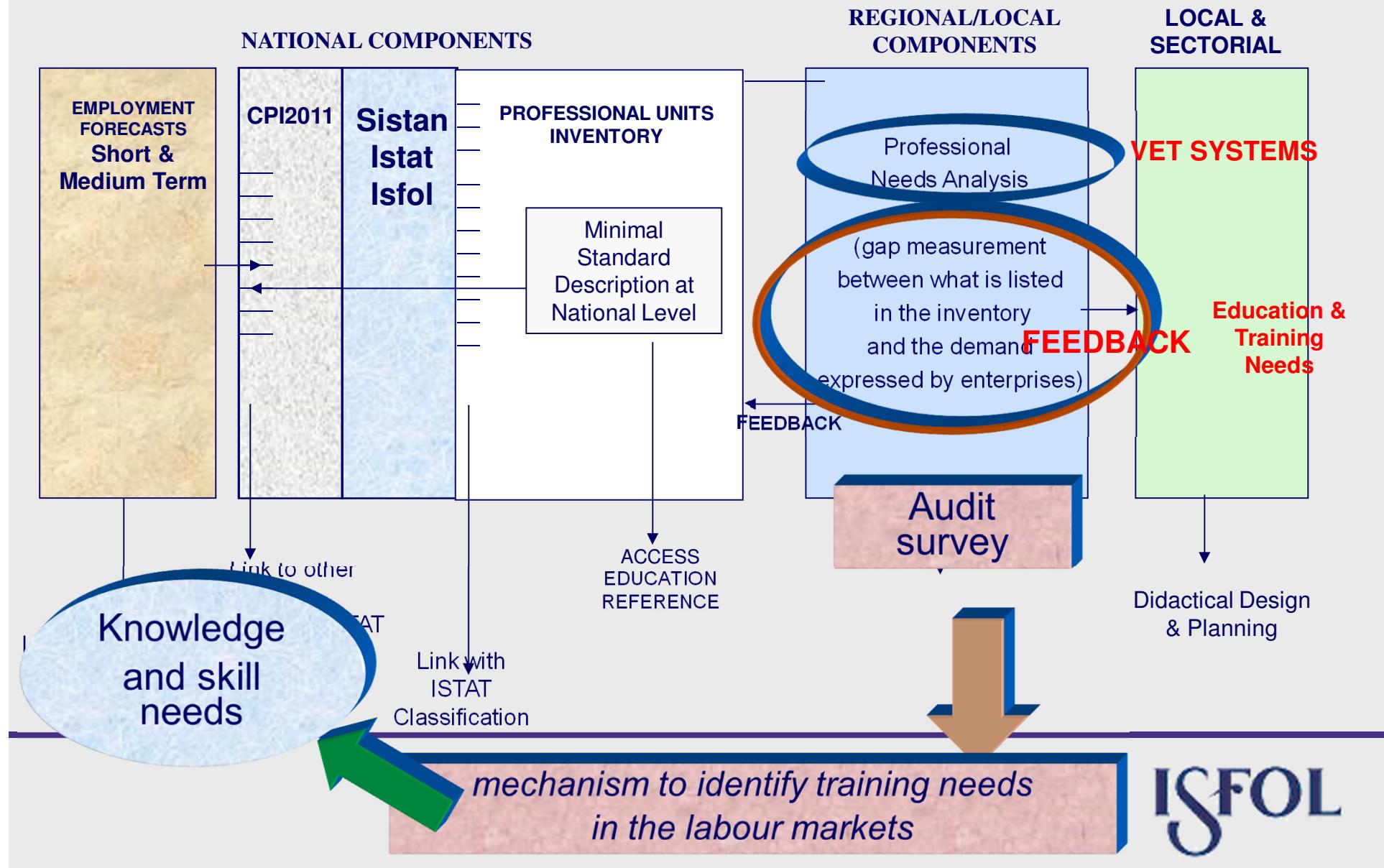
**Unioncamere (employment forecast
in the short term),**

**Inail (accidents in the workplace),
Regions (observatories of the labour market
and training)**

Information can be consulted starting from the pages where the occupational units (800) are described.

**The 800 occupational units represent
the whole Italian economy**

National system for the observation of skill needs - conceptual structure



How identify training needs mechanism

2

The AUDIT SURVEY on occupational requirements has been carried out by Isfol ("Occupations" group within the "Employment and occupations" division) on behalf of the Ministry of Labour.

The main goal of the survey, conducted using the CATI technique (Computer assisted telephone interviewing), is to gather qualitative information on the requirements of businesses in terms of shortage/lack of specific knowledge/skills tied to the job roles present at private businesses (Public Administration has been excluded).

Was asked to entrepreneurs and human resources managers of large, medium and small enterprises in our country whether or not it will be necessary, in the coming months, to strengthen specific areas of knowledge and skills tied to the occupations exercised in their enterprises, in order to improve their working performance.

The businesses were therefore invited to think about and describe in great detail, not the type of vocational training carried recently, but rather the one that should be carried out in the near future to meet specific needs.

The information collected during the survey will be used to improve public policies and investments for the vocational training of workers and to reduce the existing gap between the current level of knowledge and skills of workers and what enterprises actually need to respond more efficiently to labour market requests.

The informations gathered through this survey may be consulted anonymously (without any reference to the enterprise that provided information) on the pages describing each **Occupational Unit (OU)** which may be navigated under the “Occupations” section, starting from the home page of the website.

This survey analyses the thematic sections concerning knowledges and skills and provides elements to help develop vocational training pathways for currently employed workers, with particular reference to the actual requirements of businesses.

You are here: HOME->

SERVICES - % OF INDUSTRY WITH REQUIREMENT FOR BUSINESS SKILL'

Fonte: Isfol, Audit sui fabbisogni, I edizione

Italia

| Sector | % of Industry with Requirements |
|----------|---------------------------------|
| INDUSTRY | ~50% |
| SERVICES | ~42% |
| INDUSTRY | ~35% |
| SERVICES | ~35% |
| INDUSTRY | ~32% |
| SERVICES | ~32% |
| INDUSTRY | ~30% |
| SERVICES | ~30% |
| INDUSTRY | ~28% |
| SERVICES | ~28% |
| INDUSTRY | ~25% |
| SERVICES | ~25% |
| INDUSTRY | ~22% |
| SERVICES | ~22% |

INDUSTRY SERVICES Italia

ARCHIVIO Select item

THE TOOLS

ASSESS YOUR KNOWLEDGE AND GUIDE YOURSELF TO WORK AND TRAINING

Click on [Occupational Profiler](#) and you will have the opportunity to assess your knowledge and guide yourself to work and training.

(*If you are using these tools for the first time, we recommend you read the instructions first by clicking on the link [Warning/Methodological Notes](#)

OCCUPATIONS

Occupations without secrets. Knowledge, aptitudes and more information. All existing occupations in our country are grouped in approximately 800 Occupational Units, each of which is described on the basis of several variables. Within each Occupational Unit, you can consult the data provided by enterprises regarding the occupational requirements of workers. Navigate by choosing among the following four search modes:

Textual search

Search occupation Search

Search for classification

Search in CP2011 Search

Search for Knowledges

Administration and Management Search

Search for Skills

Active Learning Search

INFORMATION SYSTEM ON OCCUPATIONS

This web site is a part of an Integrated System on the occupations promoted jointly by Isfol and Istat and that involves several public and private bodies that produce or deliver information and data on occupations.

Skill needs Audit 1st edition data

In Italia il 33% delle imprese private, poco più di mezzo milione di realtà imprenditoriali, hanno dichiarato di avere un fabbisogno in azienda, relativamente alla forza lavoro occupata, da soddisfare nel breve termine, comunque nell'arco dei prossimi mesi. Gli imprenditori e i responsabili di aziende, insomma, ritengono necessario e utile un rafforzamento delle conoscenze e delle skills dei lavoratori presenti in azienda (in particolare per i dipendenti con contratto a tempo indeterminato, a termine, di apprendistato e lavoro stagionale) da concretizzare con attività di aggiornamento, di affiancamento o con la partecipazione a corsi di formazione. Per saperne di più.....

>>> SCARICA PDF <<<

Accountants

Accommodation technicians and rel

IT 12:18 04/12/2014

http://professionioccupazione.isfol.it/scheda
 ISFOL - Occupational Requi... Franceschetti (@Franceschetti... Google Traduttore
 File Modifica Visualizza Preferiti Strumenti ?
 Ulteriori componenti a... alimentazione Servizi catastali pratiche e ... POSIZIONE CONTRIBU... Samvise Ti Aiuta a Prende... casa Ulteriori componenti a...

The screenshot shows the ISFOL website interface. A red circle highlights the 'DETAILED SHEET' tab in the navigation bar. A yellow circle highlights the occupation '5.2.2.1.0 - Hotel and restaurant cooks'. The page displays a list of tasks with importance and frequency scores.

| TASKS/ DETAILED WORK ACTIVITIES | IMPORTANCE | FREQUENCY |
|--|------------|-----------|
| cook, prepare and seasoning dishes | 4.8 | 4.8 |
| check food quality | 4.8 | 4.5 |
| seek and order raw materials | 4.4 | 3.7 |
| handle the presentation and garnishing of dishes | 4.4 | 4.8 |
| package and store food | 4.1 | 4.1 |
| prepare or update the menu | 4.1 | 3.1 |
| turn on and fuel the stove | 4.0 | 4.4 |
| clean the machinery and the equipment | 4.0 | 3.8 |
| start machinery and equipment | 3.5 | 4.1 |
| train staff | 3.3 | 2.8 |
| fix the prices of the food served | 1.9 | 1.0 |

SISTEMA INFORMATIVO SULLE PROFESSIONI
CUOCHI IN ALBERghi E RISTORANTI

- IL POSTO CHE OCCUPA NELLA CLASSIFICAZIONE STATISTICA (ISTAT)
- GLI OCCUPATI NELL'ULTIMO TRIENNIO (ISTAT)
- PREVISIONI DI ASSUNZIONE NEL BREVE TERMINE (UNIONCAMERE)
- DATI SULL'INCIDENTALITÀ (INAIL)
- CERCA IL LAVORO CHE FA PER TE (MINISTERO DEL LAVORO)
- CERCA IL LAVORATORE CHE FA PER TE (MINISTERO DEL LAVORO)

Dati regionali

IT 17:57 26/11/2014

ISFOL

You are here: HOME->OCCUPATIONS->NAVIGAZIONE PER RAGGRUPPAMENTI->VOCATIONAL TRAINING NEEDS

OCCUPATIONS BUSINESS SECTORS TERRITORY

VOCATIONAL TRAINING NEEDS

OPTION

CONOSCENZE

SKILLS

Anticipazioni

ANTICIPAZIONI TURISMO

SISTEMA INFORMATIVO SULLE PROFESSIONI

CUOCHI IN ALBERGHI E RISTORANTI

- IL POSTO CHE OCCUPA NELLA CLASSIFICAZIONE STATISTICA (ISTAT)
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- CERCA IL LAVORATORE CHE FA PER TE (MINISTERO DEL LAVORO)

Dati regionali

Occupational Units (OU)

800

Quality Control Analysis
Monitoring
Troubleshooting
Service Orientation
Critical Thinking

Source: ISFOL Audit on occupations requirements, first edition

5.2.2.1.0 - Hotel and restaurant cooks

26/11/2014 17:58

SAMPLING STRATEGIES

The reference sample used in the survey is formed by private enterprises having employees of all business sectors, excluding the Public Administration.

The first survey year, which was closed at the end of 2012, involved a sample of about **35,000 businesses** scattered throughout the country.

The second year has concerned instead approximately 38,000 enterprises, of which 3,000 belonging to the welfare services, and included also a longitudinal share.

THE STRUCTURE OF THE QUESTIONNAIRE

The questionnaire called “Audit on skill needs” is broken down into three sections (A, B and C) which aim essentially at determining whether or not enterprises need to update knowledge and/or skills at this stage of the business cycle.

The Section A collects the details of the enterprise, helps create a favourable climate for the interview and retrieves the information needed to administer the other sections, especially the names (referable to the classification of Occupational Units) of the occupations requiring various updates.

A1. – Enterprise details

enterprise name

code and description of the business

activity

address

place

province

A2., A3., A4. – Reference market

of the enterprise

types of customers

location of customer businesses in Italy

propensity to export

A5. - Initiatives adopted to support the competitiveness of the enterprise during the crisis

new products or services

new facilities or new production techniques

new forms of work organisation

new ways of marketing and selling

use of social shock-absorbers

delocalization

A6., A7., A8., A9. – Organisation of employment (considering all employees with permanent contracts, fixed-term contracts, training and employment contracts, apprenticeship contracts and seasonal workers, excluding workers with temporary work contracts, project workers and training periods) **number of employees age grading**

A10./A11. – Presence of job roles (occupations) for which it is necessary to increase knowledge and skills to have better performance (it is possible to specify up to a maximum of 5 occupations)

- job title (and related codification)

N. B. – For each occupation, it is necessary to think about the average knowledge of the employees of the enterprise and not to specific individuals.

For each occupation, it is necessary to specify the main tasks or activities.

For the description of tasks, at least 30 characters are required, is useful specify, if possible, one or more of the following aspects:

the production process of the commodity or service;
the commodity produced or the service offered;
the materials used;
the means and technical tools used.

**Sections B and C are
the most important part
of the interview.**

**They have been conceived to
accurately collect the information on
knowledge and skill needs for each
occupation specified in section A.**

By “***knowledge***” we mean organised sets of information, principles, practices and theories needed to fulfil the job correctly. It may be acquired through formal processes (education, training and vocational training) and/or experience.

This section asks respondents to specify, for each occupation mentioned in question A11, whether it is necessary to strengthen some areas of knowledge in order to improve job performance.

By “*skills*” we mean the set of general cognitive procedures and processes that determine the ability to perform certain tasks tied to the occupation.

These processes are learned over time and help efficiently apply the knowledge acquired to the job.

This section asks respondents to specify, for each occupation mentioned in question A11, whether it is necessary to strengthen some skills in order to improve job performance.

taxonomy and variables

3

*some results
for VET system*

Audit survey - taxonomy

Knowledges

33



**business management
(6 questions)**

production process (2 questions)

**engineering and technology
(7 questions)**

**mathematics and science
(7 questions)**

health services (2 questions)

education and training (1 question)

arts and humanities (6 questions)

law and public safety (2 questions)

Audit survey – taxonomy



**written and oral communication
(4 questions)**

**mathematics and science
(2 questions)**

**monitoring of activities and
resources
(2 questions)**

social skills (4 questions)

**problem solving skills
(5 questions)**

**resource management skills
(4 questions)**

**handling one's professional
development independently
(3 questions)**

**technical skills
(11 questions)**

Skill needs

atomic vision – occupational unit



Professioni, Occupazione, Fabbisogni

You are here: HOME -> OCCUPATIONS -> NAVIGAZIONE PER RAGGRUPPAMENTI -> VOCATIONAL TRAINING NEEDS



OCCUPATIONS BUSINESS SECTORS TERRITORY

BROWSE BY GROUP

BROWSE BY OCCUPATION

| GROUP |
|--|
| 1 - LEGISLATORS, ENTREPRENEURS AND TOP MANAGEMENT |
| 2 - INTELLECTUAL, SCIENTIFIC AND HIGHLY SKILLED PROFESSIONS |
| 3 - TECHNICAL PROFESSIONS |
| 4 - TECHNICAL SUPPORT WORKERS |
| 5 - HIGHLY QUALIFIED PROFESSIONS IN BUSINESS ACTIVITIES AND SERVICES |
| 6 - CRAFTSMEN, SKILLED WORKERS AND FARMERS |
| 7 - PLANT OPERATORS, STATIONARY AND MOBILE MACHINE OPERATORS AND VEHICLE DRIVERS |
| 8 - UNSKILLED PROFESSIONS |
| 9 - ARMED FORCES |

| CLASS |
|--|
| 3.1.1 - Technicians in quantitative, physical and chemical sciences |
| 3.1.2 - Computer technicians |
| 3.1.3 - Engineering science technicians |
| 3.1.4 - Continuous production facilities technicians and water supply and energy systems operators technicians |
| 3.1.5 - Technicians for the production process management of goods and services |
| 3.1.6 - Aircraft, ship and railway technicians |
| 3.1.7 - Optical and audio and video equipment technicians |
| 3.1.8 - Safety and environmental protection inspectors |
| 3.2.1 - Health associate professionals |
| 3.2.2 - Life science technicians |
| 3.3.1 - Organization and productive assets |

| PROFESSIONAL UNIT |
|---|
| 3.1.3.1.0 - Mechanical technicians |
| 3.1.3.2.1 - Ceramics technicians |
| 3.1.3.2.2 - Mining technicians |
| 3.1.3.2.3 - Metallurgical technicians |
| 3.1.3.3.0 - Electrotechnicians |
| 3.1.3.4.0 - Electronics technicians |
| 3.1.3.5.0 - Technicians in food, pharmaceutical and related professions |
| 3.1.3.6.0 - Energy saving and renewable energy technicians |

Lymph for VET system

IT 17:36 05/12/2014

ISFOL

For example

The screenshot shows a web interface for vocational training needs. At the top, there are tabs for 'SYNTHETIC SHEET', 'DETAILED SHEET', 'VOCATIONAL TRAINING NEEDS' (which is selected), and 'EMPLOYMENT TRENDS'. Below these tabs, there are two main sections. On the left, under 'OPTION', there are sections for 'CONOSCENZE' and 'SKILLS'. Under 'SKILLS', there is a list of five items with green checkmarks: 'Service Orientation', 'Systems Evaluation', 'Systems Analysis', 'Time Management', and 'Technology Design'. On the right, there is a large section titled '3.1.3.4.0 - Electronics technicians'. This section includes a sub-section titled 'More occupations requirements for professional unit' and a note 'Source: ISFOL Audit on occupations requirements, first edition'. A map of Italy at the bottom shows a red highlighted area. The bottom of the screen shows a Windows taskbar with various icons and the date/time '17:38 05/12/2014'. A yellow oval on the right contains the text 'lymph for VET system'.

3.1.3.4.0 - Electronics technicians

Source: ISFOL Audit on occupations requirements, first edition

More occupations requirements for professional unit

OPTION

CONOSCENZE

SKILLS

SISTEMA INFORMATIVO SULLE OCCUPAZIONI

TECNICI ELETTRONICI

- IL POSTO CHE OCCUPA NELL'ANALISI DELLA CLASSIFICAZIONE STATISTICA DEL LAVORO (ISTAT)
- GLI OCCUPATI NELL'ULTIMO TRIENNIO (ISTAT)
- PREVISIONI DI ASSUNZIONE NELL'ULTIMO TRIENNIO (UNIONCAMERE)
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Dati regionali

lymph for
VET system

ISFOL

Occupations for which it is necessary to increase knowledge and skills (%)



KNOWLEDGE NEEDS – coming months

Technical professions - (%)

Source: Isfol, first edition, "Audit on skill needs", 2012

| Computers and electronics | 52 |
|--------------------------------------|----|
| Customer and personal service | 45 |
| Foreign language | 41 |
| Italian language | 40 |
| Economics and accounting | 33 |
| Sales and marketing | 33 |
| Administration and management | 32 |
| Production and processing | 30 |
| Design | 26 |
| | 37 |

For example

SKILL NEEDS – coming months

Technical professions – (%)

Source: Isfol, first edition, "Audit on skill needs", 2012



Skill needs – Business sector

Screenshot of the website <http://professionioccupazione.isfol.it/> showing data on professional skills in the business sector.

The main page displays a bar chart titled "SERVIZI - % DI IMPRESE CON FABBISOGNO PER SETTORE DI ATTIVITÀ" for Italy. The chart shows the percentage of companies with a skill shortage across various sectors. A green circle highlights the "INDUSTRIA" sector, and a red circle highlights the "SERVIZI" sector. The chart data is as follows:

| Settore di Attività | % di Imprese con Fabbisogno |
|---------------------------------|-----------------------------|
| INDUSTRIA | 41 |
| SERVIZI | 31 |
| Altri settori | 30 |
| Commercio | 29 |
| Transporti e logistica | 28 |
| Edilizia | 27 |
| Alimentazione | 26 |
| Informatica e telecomunicazioni | 25 |
| Altri servizi | 24 |
| Autotrasporti | 23 |
| Altri settori | 22 |
| Altri settori | 21 |
| Altri settori | 20 |
| Altri settori | 19 |
| Altri settori | 18 |
| Altri settori | 17 |
| Altri settori | 16 |
| Altri settori | 15 |
| Altri settori | 14 |
| Altri settori | 13 |
| Altri settori | 12 |
| Altri settori | 11 |
| Altri settori | 10 |
| Altri settori | 9 |
| Altri settori | 8 |
| Altri settori | 7 |
| Altri settori | 6 |
| Altri settori | 5 |
| Altri settori | 4 |
| Altri settori | 3 |
| Altri settori | 2 |
| Altri settori | 1 |

The website also features sections for "PROFESSIONI", "SETTORI ECONOMICI", and "TERRITORIO". The "PROFESSIONI" section includes a detailed description of the Occupational Profiler tool, search functions for professions, classifications, knowledge, competencies, and adaptability, and a link to the "SISTEMA INFORMATIVO SULLE PROFESSIONI". The "SETTORI ECONOMICI" section highlights the audit results from the first edition, showing that 33% of private companies have a skill shortage relative to their size. The "TERRITORIO" section provides links to regional pages. The bottom of the page shows a navigation bar with various icons and the system status bar indicating the date and time.

Skill needs – Regional data

The screenshot shows the ISFOL website interface. On the left, there is a bar chart titled "SERVICES - % OF INDUSTRY AND SERVICES IN THE SECTOR FOR BUSINESS". The Y-axis ranges from 0 to 80. The X-axis categories are INDUSTRY and SERVICES. The chart shows data for various regions, with Lazio highlighted by a blue circle. A dropdown menu is open over the Lazio bar, listing regions: Abruzzo, Basilicata, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Italia, Lazio, Liguria, Lombardia, Marche, Molise, Piemonte, Puglia, Sardegna, Sicilia, Toscana, Trentino-Alto Adige, Umbria, and Valle d'Aosta. The "Lazio" option is also highlighted with a blue circle. To the right of the chart, there is a section titled "OCCUPATIONS" which contains descriptive text about occupational units and search modes. Below it are several search filters: "Textual search" (Search occupation), "Search for classification" (Search in CP2011), "Search for Knowledges" (Administration and Management), "Search for Skills" (Active Learning), and "INFORMATION SYSTEM ON OCCUPATIONS". A sidebar on the right features a graphic of a clipboard with a red pen and the text "Skill needs Audit 1st edition data". The bottom of the screen shows a Windows taskbar with various icons.

SERVICES - % OF INDUSTRY AND SERVICES IN THE SECTOR FOR BUSINESS

Lazio

Fonte: Isfol, Audit sui fabbisogni, I edizione

INDUSTRY SERVICES

0 20 40 60 80

| Region | % |
|-----------------------|------------|
| Abruzzo | ~10 |
| Basilicata | ~12 |
| Calabria | ~15 |
| Campania | ~18 |
| Emilia-Romagna | ~20 |
| Friuli-Venezia Giulia | ~10 |
| Italia | ~25 |
| Lazio | ~58 |
| Liguria | ~12 |
| Lombardia | ~15 |
| Marche | ~10 |
| Molise | ~5 |
| Piemonte | ~10 |
| Puglia | ~8 |
| Sardegna | ~5 |
| Sicilia | ~10 |
| Toscana | ~12 |
| Trentino-Alto Adige | ~5 |
| Umbria | ~5 |
| Valle d'Aosta | ~5 |

OCCUPATIONS

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Search occupation

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Search for Knowledges

Administration and Management

Search for Skills

Active Learning

Skill needs Audit 1st edition data

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for your attention



read more:
web site professionioccupazione.isfol.it

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