Skills-Based Employment Projections System

Developed by the
Projections Managing Partners

Sponsored by the
U.S. Department Of Labor
Employment and Training Administration

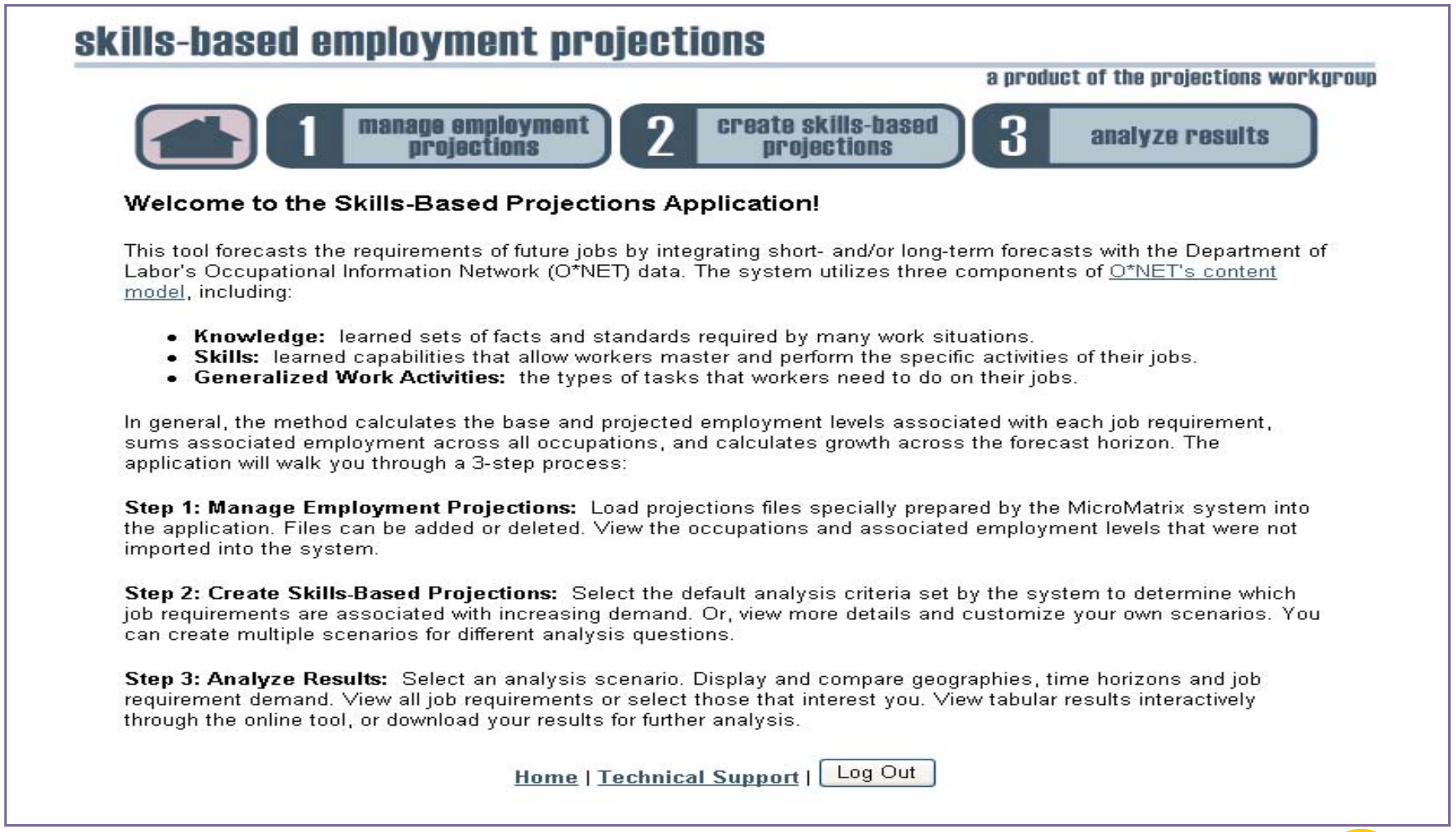
The Right Tool at the Right Time!

- Skills-Based Employment Projections System will assist with meeting Workforce investment Act and Wagner-Peyser Program and Education Planners
- All current WIA and Wagner Peyser Act extended and modified strategic plans expire June 30, 2011
- Skills-Based Projections System Tool at the Right Time

Beta Software Initiatives: skills-based projections

Information Inputs	Estimation Methods	Information Outputs
2-Year and 10-year employment projection for detailed occupations by detailed geography O*NET	Matching algorithm occupation to skill (level required and importance) Summation of occupational employment to skill	Current employment, and 2-year and 10-year employment projection for detailed skills, knowledge areas, and work activities by detailed geography

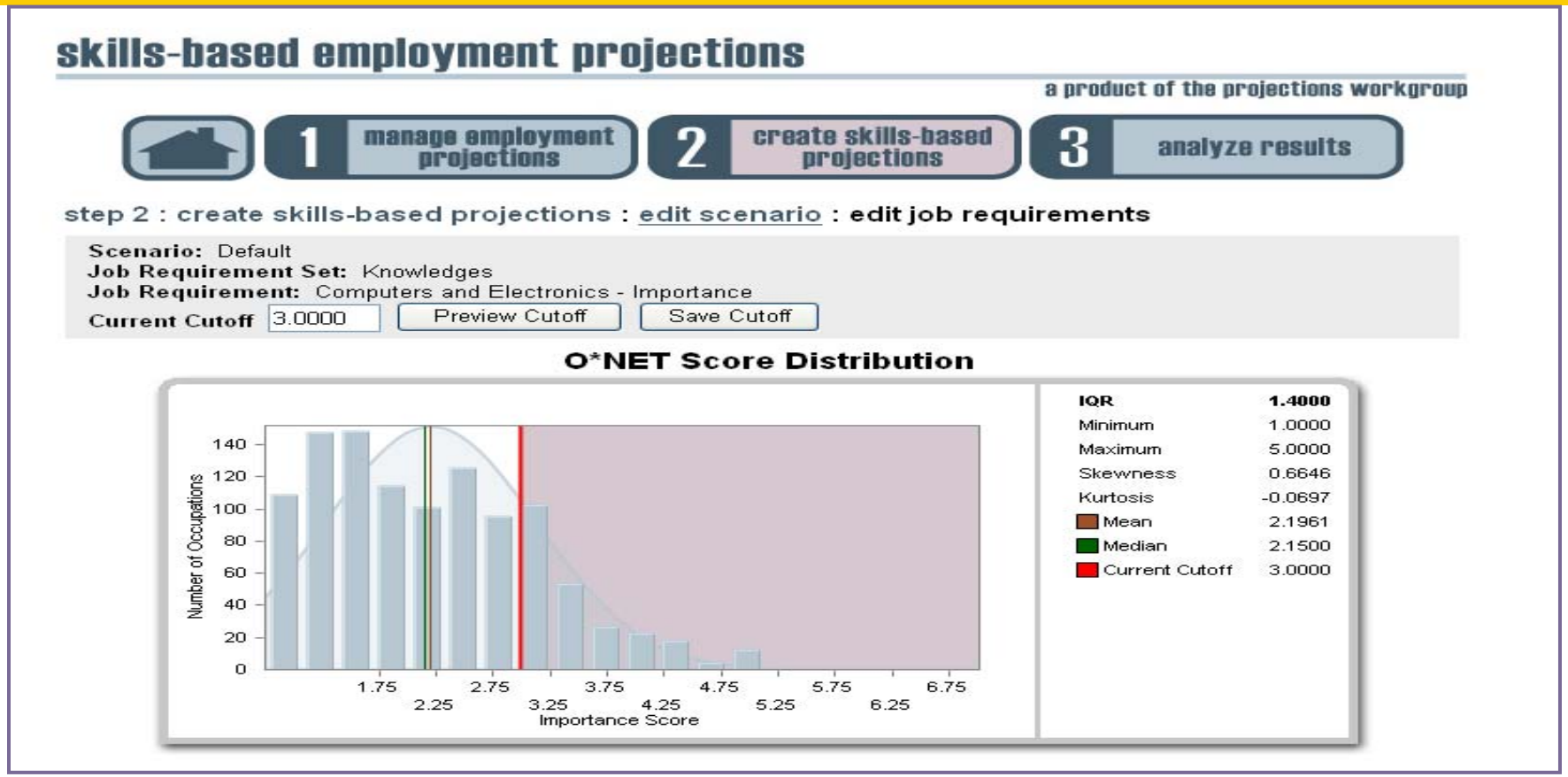
Skills-Based Employment Projections



Accessibility and Flexibility

- Quick online nationwide access
- Data collection and analysis can be accomplished in one setting
- Accurate, consistent, valid, and timely occupation and skill supply and demand data
- Organization of data makes analysis effortless
- Customizable to the specific needs of Workforce Boards
- Facilitate collaboration and accurate, forward-looking planning

Leveraging O*NET



- Well-established and credible data resource
- Current and accurate skills information
- Importance of skills can be adjusted to address unique needs

Sample output

PROJECTIONS HORIZON	2002-2012				
ANALYSIS TYPE	Current Supply				
JOB REQUIREMENT	Customer and Personal Service	English Language	Clerical	Education and Training	Mathematics
GEOGRAPHY					
St. Louis MSA	76,914	35,361	29,950	27,428	23,579
Peoria-Pekin MSA	60,337	26,563	25,067	19,501	21,707
Rockford MSA	57,989	26,223	25,449	19,041	22,214
Springfield MSA	46,506	20,189	19,302	14,435	13,282
Davenport-Moline-Rock Island MSA	32,933	15,143	14,135	10,741	11,975
Bloomington-Normal MSA	32,914	17,749	15,549	12,520	11,434
Champaign-Urbana MSA	32,160	21,526	13,764	19,977	9,965
Decatur MSA	19,667	8,294	8,065	6,188	6,752
Kankakee MSA	16,249	6,846	6,186	5,421	4,789

Sample output

ANALYSIS TYPE	Projected Demand					
JOB REQUIREMENT	Customer and Personal Service		Education and Training		English Language	
PROJECTIONS HORIZON	2002-2004	2002-2012	2002-2004	2002-2012	2002-2004	2002-2012
GEOGRAPHY						
St. Louis MSA	1,239	2,657	630	1,003	620	1,096
Peoria-Pekin MSA	887	1,928	428	670	434	781
Rockford MSA	805	1,860	402	642	396	754
Springfield MSA	716	1,527	339	535	336	605
Bloomington-Normal MSA	602	1,077	351	439	347	477
Champaign-Urbana MSA	498	964	558	746	503	721
Davenport-Moline-Rock Island MSA	483	1,015	228	351	229	398
Decatur MSA	298	575	132	203	127	213
Kankakee MSA	262	491	142	194	133	200

Value

- Reduce time/effort required of Workforce Boards
- Improve accuracy of analysis
- Reduce costs
- Build confidence in process and outcomes
- Better support customers

Summary

- “Right Tool” at the “Right Time”
- Accessible and flexible to meet unique needs
- O*NET skills offer powerful new information
- Consistent with other State-generated occupational information
- Adds value for customers!

In Conclusion