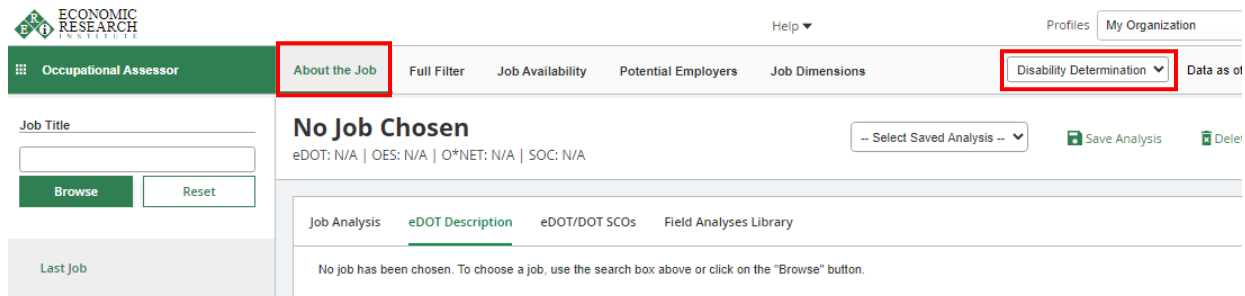


Interactive Exercise

Course 58: Comparing the DOT, O*NET and eDOT

Open ERI's **Occupational Assessor**. (From now on we'll refer to it by its abbreviation, **OA**.) When running the **OA** for the first time, the *FLSA Overtime* module displays by default.

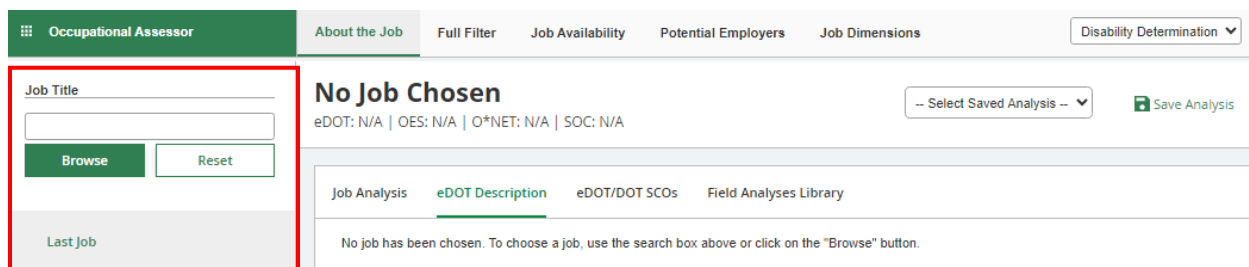
For this exercise, we will use the *Disability Determination* module. In the dropdown at the top right of OA, change the default *FLSA Overtime* to **Disability Determination** (eDOT) and check that the *About the Job* tab is selected.



The first or top-most row of tabs represents the main reports available for the *Disability Determination* module. Another way to think about these tabs (from left to right) is to think of them as “steps” — Step 1, Step 2, Step 3, etc. — that you need to take to make the most of your analysis.

We'll start with the first tab, *About the Job*. This main tab has a series of sub-tabs on the left side of the screen that represent different positions: the individual's *Last Job*, *Previous Job II*, *Previous Job III*, *Previous Job IV*, *Previous Job V*, *Job Trained For* (but never held), and *About the Individual*.

We're looking for alternate positions for Ken Burnham, a Computer Operations Programmer. So, we first need to enter his job title. Make sure *Last Job* is selected and press the **Browse** button under *Job Title*.



The *Browse Jobs* box opens. You can scroll through the job list to find the job title or begin typing “Computer Operations Programmer” in the search field. Once Computer Operations Programmer is highlighted in the list, note the job description. Read through the description to make sure that the title selected matches the kind of work Ken does in his current job. Press the **OK** button to select this job and return to the *Job Analysis* module.

Browse Jobs



Computer Operations Programmer

Position Title ▼

Semantic Search

Position Title	eDOT Code	SOC Code	ERI Code
Computer Operations Programmer	030132200	151251	46121
Computer Operations Supervisor	213132010	431011	46127
Computer Operator	213362010	151299	4019
Computer OS Programming Supervisor	030132200	151251	113865
Computer Peripheral Equipment Operator	213382010	151299	5840
Computer Processing Scheduler	221362030	151231	3219
Computer Procurement Administrator	189167137	131020	255599

1 of 28125 jobs have been selected.

Job Description

Supervises activities of operating systems computer programmers and related staff engaged in the development, installation, maintenance, modification, testing, and control of computer operating system software.

Oversees and coordinates activities of operating systems computer programmers and related staff.

Directs activities involving analyzing performance indicators, such as system's response time, number of transactions per second, and number of programs being processed at once, to ensure that system is operating efficiently.

Reviews computer system capabilities, workflow, and scheduling limitations to determine if requested changes to operating system are possible.

Changes system software so that system performance will meet objectives.

[Cancel](#)

OK

The *Job Analysis* section is where the Computer Operations Programmer job can be researched, and work measures applied to Ken's situation.

[About the Job](#)
[Full Filter](#)
[Job Availability](#)
[Potential Employers](#)
[Job Dimensions](#)

Disability Determination ▼

[Data as of](#)

Computer Operations Programmer

eDOT: 030.132-200 | OES: 25105 | O*NET: 15-1251.00 | SOC: 151251

-- Select Saved Analysis -- ▼
Save Analysis
Delete Analysis

Job Analysis

eDOT Description

eDOT/DOT SCOs

Field Analyses Library

Employer Name:		Employer ZIP Code:	
Actual Job Title:	Computer Operations Programmer	Annual Salary/Wage:	0
Populated with:	Current Job SCOs - Computer Operatic ▼	Prepared By:	bob.brown@vocexperts.c
SOC Job Family:	Computer Programmers	Analysis Date:	9/29/2023
NAICS Industry:	All Industries	eDOT Number:	030.132-200
GOE Code:	11.01.01 - Data Processing Design	Census 2010:	1010

Collapse All Expand All

▶ Work Environment/Additional Measures

▶ Specific Vocational Preparation (SVP)

▶ Strength

▶ Physical Demands: Lifting, Carrying, Pushing and/or Pulling, Reaching

▶ Physical Demands: Activities

Note: The default SCO values come from the **eDOT Skills Project** database and depend on the data option selected from the *Data Options* dropdown menu at the bottom left. There are four data options.

Why the four options? **eDOT Skills Project** data comes from a variety of sources and is combined four different ways:

- Subject Matter Expert (SME) & Original DOT
- Subject Matter Expert (SME), Internet Analysis & Original DOT
- Internet Analysis & Original DOT
- Mode Subject Matter Expert (SME), Internet Analysis & Original DOT

Since the Internet Analysis data records represent an experimental approach, the **eDOT** application (via the Data Options menu) allows users to filter out all Internet data records, so that only full field job analyses records are utilized for the user's analyses. However, for the purposes of this exercise, we will utilize the default selection - **Subject Matter Expert (SME)**,

Internet Analysis & Original DOT - that uses all sources, recognizing that the experimental approach of collecting data via the Internet has proven that the Central Limit Theorem holds true: with large numbers (six million per year), PAQ can successfully normalize this data to provide credible and valid data.

Computer Operations Programmer
eDOT: 030.132-200 | OES: 25105 | O*NET: 15-1251.00 | SOC: 151251

-- Select Saved Analysis -- Save Analysis

Job Analysis eDOT Description eDOT/DOT SCOs Field Analyses Library

Employer Name: Employer ZIP Code:

Actual Job Title: Annual Salary/Wage:

Populated with: Prepared By:

SOC Job Family: Analysis Date:

NAICS Industry: eDOT Number:

GOE Code: Census 2010:

Work Environment/Additional Measures

Specific Vocational Preparation (SVP)

Strength

Physical Demands: Lifting, Carrying, Pushing and/or Pulling, Reaching

Data Options
Subject Matter Expert (SME), Interne

We also know that Ken formerly worked as a Bookkeeper, so we'll enter this as his previous job by selecting the **Previous Job II** tab and then the **Job Title Browse** button.

Occupational Assessor About the Job Full Filter Job Availability Potential Employers Job Dimensions Disability Determination

No Job Chosen
eDOT: N/A | OES: N/A | O*NET: N/A | SOC: N/A

-- Select Saved Analysis -- Save Analysis

Job Analysis eDOT Description eDOT/DOT SCOs Field Analyses Library

No job has been chosen. To choose a job, use the search box above or click on the "Browse" button.

Job Title

Browse Reset

Last Job

Previous Job II

The *Browse Jobs* dialog box displays. You can scroll through the list or begin typing "Bookkeeper." Once this position is highlighted, check the job description, and then press the **OK** button to return to the *Job Analysis* for "Bookkeeper."

Browse Jobs
×

Position Title ▼

Semantic Search

Position Title	eDOT Code	SOC Code	ERI Code
Bookkeeper	210382014	433031	4010
Bookkeeper Full Charge	210387234	433031	257190
Bookkeeper Head	210387001	433031	1337
Bookkeeping Clerk	216482029	433031	110178
Bookkeeping Manager	210167004	113031	1335
Bookkeeping Supervisor	210137002	431011	1336
Bookmaker	187167014	119071	2000

1 of 28125 jobs have been selected.

Job Description

Keeps books and accounting records of financial transactions for establishment.

Reconciles and balances accounts.

Verifies, allocates, and posts details of business transactions to subsidiary accounts in journals or computer files.

Summarizes details in separate ledgers or computer files and transfers data to general ledger.

May compile reports to show statistics, such as cash receipts and expenditures, accounts payable and receivable, profit and loss, and other items pertinent to operation of business.

May calculate employee wages, and prepare checks for payment.

May prepare withholding, Social Security, and other tax reports.

[Cancel](#)

OK

So, we've successfully selected the jobs closest to the ones Ken has held in the past and that are relevant to the current analysis. However, the way the **eDOT** program describes the job of Computer Operations Programmer — in terms of Selected Characteristics of Occupations (SCOs) and the description — is slightly different from the job Ken currently performs, so we need to make a few adjustments by creating a modified job analysis. To do this, first press the **Last Job** tab.

If necessary, select *Job Analysis* and scroll through the measures. Note that there is an **eDOT** column and an *Observed* column. All of the values look quite accurate for what Ken does, except for *Administrative Activity* under *Work Environment/Additional Measures*. We have observed that Ken's job does not occasionally involve administrative activity but involves frequent activity. So, we are going to change the *Observed* value for *Administrative Activity* from **Occasionally** to **Frequently**.

Job Title

Computer Operations Programmer

Browse

Reset

Last Job

Previous Job II

Previous Job III

Previous Job IV

Previous Job V

Job Trained For

About the Individual

Reset All

Data Options

Subject Matter Expert (SME), Intern

Computer Operations Programmer

10.6.2025-58

Save Analysis

Job Analysis

eDOT Description

eDOT/DOT SCOs

Field Analyses Library

Employer Name:

Employer ZIP Code:

Actual Job Title:

Computer Operations Programmer

Annual Salary/Wage:

0

Populated with:

Current Job SCOs - Computer Operati

Prepared By:

bob.brown@vocexperts

SOC Job Family:

Computer Programmers

Analysis Date:

10/3/2025

NAICS Industry:

All Industries

eDOT Number:

030.132-200

GOE Code:

11.01.01 - Data Processing Design

Census 2010:

1010

Work Environment/Additional Measures

Not Present / None

Occasionally (up to 1/3 of the time)

Frequently (1/3 to 2/3 of the time)

Constantly (over 2/3 of the time)

Work	eDOT	Observed
Creativity	Occasionally	Occasionally
Administrative Activity	Occasionally	Frequently
Discretion/Independent Judgement	Frequently	Frequently

Next, let's make some changes to the job description. In *Job Analysis*, scroll down the page until you see *Job Description* and select it to display the text. Make any necessary changes to the job description in the *Job Analyst's Observations* area.

▶ Skills & Competencies

▶ MPSMS and Work Field

▼ Job Description

Supervises activities of operating systems computer programmers and related staff engaged in the development, installation, maintenance, modification, testing, and control of computer operating system software. Oversees and coordinates activities of operating systems computer programmers and related staff. Directs activities involving analyzing performance indicators, such as system's response time, number of transactions per second, and number of programs being processed at once, to ensure that system is operating efficiently. Reviews computer system capabilities, workflow, and scheduling limitations to determine if requested changes to operating system are possible. Changes system software so that system performance will meet objectives. Analyzes and resolves work problems, or assists employees in solving work problems. Develops and implements methods and procedures for monitoring work activities, such as preparation of

Job Analyst's Observations:

Supervises activities of operating systems computer programmers and related staff engaged in the development, installation, maintenance, modification, testing, and control of computer operating system software. Oversees and coordinates activities of operating systems computer programmers and related staff. Directs activities involving analyzing performance indicators, such as system's response time, number of transactions per second, and number of programs being processed at once, to ensure that system is operating efficiently. Reviews computer system capabilities, workflow, and scheduling limitations to determine if requested changes to operating system are possible. Changes system software so that system performance will meet objectives. Analyzes and resolves work problems, or assists employees in solving work problems. Develops and implements methods and procedures for monitoring work activities, such as preparation of

Save the modified job analysis by selecting **Save Analysis** at the upper right of your screen.

Computer Operations Programmer

eDOT: 030.132-200 | OES: 25105 | O*NET: 15-1251.00 | SOC: 151251

-- Select Saved Analysis --



Job Analysis
eDOT Description
eDOT/DOT SCOs
Field Analyses Library

There are two levels of subtabs for each position. The first, which includes the *Job Analysis* tab, has three other tabs:

Computer Operations Programmer

eDOT: 030.132-200 | OES: 25105 | O*NET: 15-1251.00 | SOC: 151251

-- Select Saved Analysis --

Job Analysis

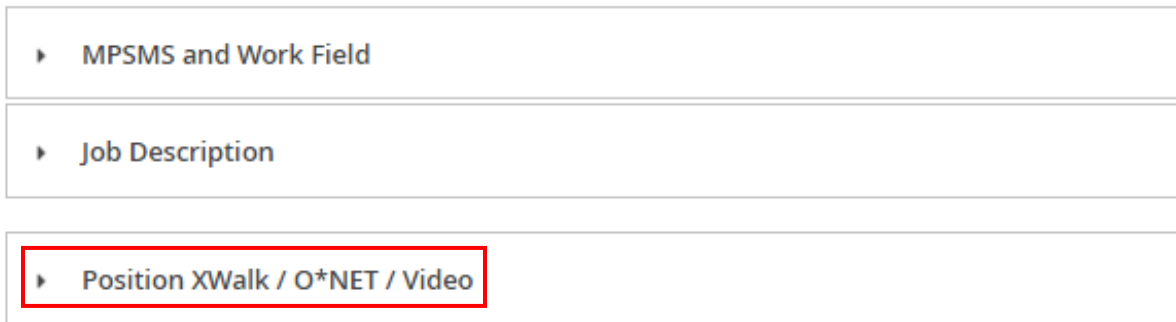
eDOT Description

eDOT/DOT SCOs

Field Analyses Library

- *eDOT Description*: This tab shows the unmodified job description from the eDOT database.
- *eDOT/DOT SCOs*: This shows a list of the eDOT/DOT SCOs (or Attributes) for the selected job.
- *Field Analyses Library*: This tab allows you to review the raw data — the actual records from the eDOT Skills Project database — that were used to calculate the mean SCO value shown/utilized for the selected job. The records shown depend on the selection made in the *Data Options* menu.

The second level is below the *Job Description* area.



▶ MPSMS and Work Field

▶ Job Description

▶ Position XWalk / O*NET / Video

Select Position Xwalk/O*Net/Video to view the following:

- *Position Xwalk*: This gives you the occupational classification codes for the job selected, as found in many different job coding systems, including eDOT, O*NET, GOE, UKSOC, NOC, SOC, OES (OEWS), CIP, OPM, US Census, etc.
- *O*NET*: Opens the related O*NET website for the job selected.
- *Video*: Here eDOT provides video demonstrations for the selected job or job family. To view a video, select this tab and then the link for the desired video.

Now that you've learned how to select, review, and modify SCO values for Ken's work history, and reviewed the subtab options, it's time to move on to Step 2 - *About the Individual*. We will use the *About the Individual* tab to enter information about Ken's disability and set the initial conditions for our *Alternate Job* filter. To do this, press the **About the Individual** tab on the left side of the screen.

Job Title

Computer Operations Programmer

Browse

Reset

Last Job

Previous Job II

Previous Job III

Previous Job IV

Previous Job V

Job Trained For

About the Individual

Reset All

Data Options

Subject Matter Expert (SME), Intern

Computer Operations Programmer

eDOT: 030.132-200 | OES: 25105 | O*NET: 15-1251.00 | SOC: 151251

10.6.2025-58

Save Analysis

Job Analysis

eDOT Description

eDOT/DOT SCOs

Field Analyses Library

Employer Name:

Employer ZIP Code:

Actual Job Title:

Computer Operations Programmer

Annual Salary/Wage:

0

Populated with:

Current Job SCOs - Computer Operati

Prepared By:

bob.brown@vocexperts

SOC Job Family:

Computer Programmers

Analysis Date:

10/3/2025

NAICS Industry:

All Industries

eDOT Number:

030.132-200

GOE Code:

11.01.01 - Data Processing Design

Census 2010:

1010

Work Environment/Additional Measures

Not Present / None

Occasionally (up to 1/3 of the time)

Frequently (1/3 to 2/3 of the time)

Constantly (over 2/3 of the time)

Work	eDOT	Observed
Creativity	Occasionally	Occasionally
Administrative Activity	Occasionally	Frequently
Discretion/Independent Judgement	Frequently	Frequently

In the *Populated with* field, select **Last Job SCOs – Computer Operations Programmer**. Once you have done that, the values from *Last Job* are entered, including the change made to *Administrative Activity*.

Using the *Last Job* and *Previous Job II* tabs, we analyzed the job. Now, using the *About the Individual* tab, we are going to analyze the individual.

Occupational Assessor

About the Job

Full Filter

Job Availability

Potential Employers

Job Dimensions

Disability Determination

Job Title

10.6.2025-58

Save Analysis

Last Job

Previous Job II

Previous Job III

Previous Job IV

Previous Job V

Job Trained For

About the Individual

Reset All

Data Options

Subject Matter Expert (SME), Intern

Employer Name:

Actual Job Title:

Computer Operations Programmer

Employer ZIP Code:

Annual Salary/Wage:

0

Prepared By:

bob.brown@vocexperts

Analysis Date:

10/6/2025

eDOT Number:

Census 2010:

Populated with:

Last Job SCOs - Computer Operations

SOC Job Family:

NAICS Industry:

GOE Code:

Work Environment/Additional Measures

Not Present / None

Occasionally (up to 1/3 of the time)

Frequently (1/3 to 2/3 of the time)

Constantly (over 2/3 of the time)

Work	eDOT	Observed
Creativity	Not Present	Not Present
Administrative Activity	Not Present	Frequently
Discretion/Independent Judgement	Not Present	Not Present

The *Populated with* menu selection determines which mean values are shown for each of the 99 SCOs using the *About the Individual* tab.

We've set the stage for creating a filter for the alternate jobs list. How? The values selected from the *About the Individual* tab create a default list of filter conditions on the *Full Filter* tab. Select the **Full Filter** tab to proceed to Step 3.

At the lower left enter a *Study Date*. We will use the current date for this exercise.

Occupational Assessor

About the Job

Full Filter

Job Availability

Potential Employers

Job Dimensions

Disability Determination

Organization Data

Analyst

Work Location

Street

United States Average

Browse

Employer Radius

☒ 50 Miles
 ☐ 20 Miles
 ☐ 40 Miles
 ☐ 10 Miles
 ☐ 30 Miles
 ☐ 5 Miles

Industry

NAICS: 000000

eSIC: 0000

NTEE: 000

All Industries - Diversified

Browse

Number of Employees

0

Study Date

10/6/2025

Filter

My Filter

Basic

Advanced

Enhanced

Predefined Filters

Text

Industry

Job Codes

Literacy Demands

SVP

Physical Demands - Strength

And

Titles

Containing this text:

Add Above Condition to Filter

☐ Overwrite current conditions

Filter data option:

Mean SME, Internet Analysis, & Original DOT

Conditions

No conditions have been chosen. Please add a condition above.

Let's go over the **eDOT** filters some more. The *Disability Determination* module lets you create an alternate job list by using one of several filters or filtering methods, including:

- The relevant work history entered in the *About the Job* screen and any modifications made to any *Work Measures*
- Modifications made using the *About the Individual* module based on the person's current abilities or disabilities
- Any other filter available with the *Full Filter* tab and the *Predefined Filters* subtab selected, including:
 - Basic Measures (Literacy Demands (GED), SVP, Strength)
 - Light / Unskilled (all jobs with SVP <3 and Strength < Medium)
 - Traditional
 - True Skills
- A filter that is created from scratch on the *Full Filter* tab.

Using the *Full Filter* tab and selecting the *Predefined Filters* subtab, select **Basic Measures** from the filters list.

The screenshot shows the Occupational Assessor interface. The top navigation bar includes tabs: About the Job, Full Filter (highlighted with a red box), Job Availability, Potential Employers, and Job Dimensions. A dropdown menu for Disability Determination is on the right. The left sidebar contains sections for Organization Data (Analyst), Work Location (Street, United States Average, Browse button), Employer Radius (radio buttons for 50, 40, 30, 20, 10, 5 Miles), and Industry. The main area is titled 'Filter' and has a dropdown for 'Ken'. Below this are subtabs: Basic, Advanced, Enhanced, and Predefined Filters (highlighted with a red box). The Predefined Filters subtab shows a list of filters: Basic Measures (highlighted with a red box), Light/Unskilled, Traditional, and True Skills. To the right of the list, instructions state: 'To load a filter, click on a filter name in the list to the left. Predefined filters are defined by the jobs chosen in the "About the Job" tab. You may modify and save the modified filter in the above right corner of the page.' Below the list is a green button 'Add Above Condition to Filter' and a checkbox 'Overwrite current conditions'. A dropdown for 'Filter data option:' is set to 'Mean SME, Internet Analysis, & Original DOT'. At the bottom right is a 'Move Up' button.

We have already described Ken's relevant work history using the *Job Analysis* tab and modified the job analyses as needed. We have also analyzed the individual on the *About the Individual* tab and selected *Last Job* SCOs from *Relevant Work History* to populate the SCOs. Now we need to review the default filter that was created based on the values selected on the *About the Individual* tab and modify it as needed.

With the *Full Filter* tab and **Basic Measures** in *Predefined Filters* selected, note that there is a list of *Conditions*. Note that the operator less or equal (" $\leq$ ") is being used. Each condition in the filter applies to one of the SCOs. The high side for each condition equals the value for each SCO on the *About the Individual* tab. Since we selected *Last Job* SCOs in Step 2, our filter should create a list of alternate jobs that all have SCO values that are equal or less than the *Last Job* SCOs from the work history, taking into consideration the values we modified for the *Job Analysis* and *About the Individual*.

Remember that we observed that Ken's current job involves "Frequent" *Administrative Activity* rather than "Occasional" *Administrative Activity*. Also, remember that the entire high-tech industry in his area of Manhattan Beach, CA is depressed, and you hope to find him alternate jobs in other industries. All Industries is already included by default. If you want to narrow your industry choices, select **Browse** under *Industry* and choose a specific industry. However, for this exercise, we will continue to use *All Industries*.

In the *Alternate Jobs* list of filtered jobs (scroll below the Conditions) there are 12,751 titles that are all the jobs (including alternate titles) in eDOT's database that have:

- SCO values Equal or Less Than the highest value shown with the *About the Individual* tab and
- "All Industries" as the associated industry.

ALTERNATE JOBS (Job Search Results)

Position Description

Attributes

Video

12,751 of 28,125 positions returned, showing top 1,000 alphabetically

Position Title	eDOT Code	SVP	Strength	SOC Code	O*NET Code	GOE Code
2D Artist	030162165	7	S	271014	27-1014.00	11.01.01
3D Lab Technician	026261001	6	L	173023	17-3023.00	02.04.01
3D Modeler	141061023	6	S	271014	27-1014.00	01.02.03
3D Scanning Technician	001261002	7	S	173011	17-3011.00	05.03.02
3D Visualizer	001261001	7	S	173011	17-3011.00	05.03.02
911 Operator	379362010	4	S	435031	43-5031.00	07.04.05
Abrasive Band Winder	692685010	2	L	513099	51-3099.00	06.04.20
Abrasive Coating Machine Operator	574462010	4	L	519124	51-9124.00	06.02.21
Abrasive Grinder	673685010	3	L	519021	51-9021.00	06.04.09

Now we want to save this filter for future use. Press the **Save List As** icon. When prompted, name this filter “Ken1” and press the **OK** button.

Now you’ll be able to re-select this filter at any time, even after closing and re-opening eDOT.

About the Job

Full Filter

Job Availability

Potential Employers

Job Dimensions

Disability Determination ▼

Filter

Ken1 ▼

+





Basic

Advanced

Enhanced

Predefined Filters

Basic Measures ▲
Light/Unskilled
Traditional
True Skills ▼

To load a filter, click on a filter name in the list to the left.

Predefined filters are defined by the jobs chosen in the "About the Job" tab.

You may modify and save the modified filter in the above right corner of the page.

Instead of using a pre-defined filter like the *Basic Measures* filter, you could also create a filter from scratch.

Using the *Full Filter* tab, with the *Predefined Filters* subtab selected, press **Delete All** for the *Conditions* list.

Filter

Ken1



Basic Advanced Enhanced **Predefined Filters**

Basic Measures
Light/Unskilled
Traditional
True Skills

To load a filter, click on a filter name in the list to the left.

Predefined filters are defined by the jobs chosen in the "About the Job" tab.

You may modify and save the modified filter in the above right corner of the page.

Add Above Condition to Filter

☐ Overwrite current conditions

Filter data option: Mean SME, Internet Analysis, & Original DOT

Conditions

Move Up

Move Down

(Basic, SVP) SVP <= 7 - Over 2 years up to and including 4 years	
AND (Basic, Literacy Demands) Language Level <= 5	

Now, create a new filter. After each of the following selections, press the **Add Above Condition to Filter** button.

With the subtabs **Basic** and **Text** selected, create this condition: **And, Titles**, and in the field, *Containing this text*, enter "computer." Add the condition.

Filter

Ken1 ▼

Basic

Advanced

Enhanced

Predefined Filters

Text

Industry

Job Codes

Literacy Demands

SVP

Physical Demands - Strength

And ▼

Titles ▼

Containing this text: computer

Add Above Condition to Filter

☐

Overwrite current conditions

Filter data option:

Mean SME, Internet Analysis, & Original DOT ▼

Conditions

(Basic, Text) Titles Containing this text: computer

Add these two additional conditions:

With the subtabs **Basic** and **Text** selected, create this condition: **And, Descriptions**, and in the field, *Containing this text*, enter “programming.” Add the condition.

With the subtabs **Basic** and **Physical Demands - Strength** selected, create this condition: **And, Strength: Equal or Less, Light Work: Exerting up to 20 pounds of force**. Add the condition.

The *Conditions* list should now look like this:

Conditions

(Basic, Physical Demands - Strength) Strength <= Light Work: Exerting up to 20 pounds of force

And (Basic, Text) Descriptions Containing this text: programming

And (Basic, Text) Titles Containing this text: computer

The *Alternate Jobs* list now displays 67 jobs (including alternate titles).

ALTERNATE JOBS (Job Search Results)							
67 of 28,125 positions returned							
Position Title	eDOT Code	SVP	Strength	SOC Code	O*NET Code	GOE Code	
Analyst Computer Systems	030167014	7	S	151211	15-1211.00	11.01.01	
Computer Applications Manager	030162100	8	S	113021	11-3021.00	11.01.01	
Computer Applications Programming Supervisor	030132098	7	S	151252	15-1252.00	11.01.01	
Computer Business Systems Analyst	030167500	6	S	151211	15-1211.00	11.01.01	
Computer Chief Information Officer	189117096	8	S	113021	11-3021.00	11.05.02	
Computer Client Server Programmer	030162036	7	S	151251	15-1251.00	11.01.01	
Computer Control Operator	007167018	7	L	519162	51-9162.00	05.01.06	

There is one more thing to do before we move on to *Job Availability*. For the purposes of this exercise we will enter, “1100 Manhattan Avenue,” and “Manhattan Beach, California,” in the *Work Location* fields with an *Employer Radius* of 50 miles.

Occupational Assessor

About the Job

Full Filter

Job Availability

Potential Employers

Job Dimensions

Organization Data

Analyst

Work Location

1100 Manhattan Avenue

Manhattan Beach, California

Browse

Employer Radius

☒ 50 Miles

☐ 20 Miles

☐ 40 Miles

☐ 10 Miles

☐ 30 Miles

☐ 5 Miles

Filter

Ken1

Basic

Advanced

Enhanced

Predefined Filters

Text

Industry

Job Codes

Literacy Demands

SVP

Physical Demands - Strength

And

Strength:

Equal or Less

Light Work: Exerting up to 20 pounds of force

Add Above Condition to Filter

☐ Overwrite current conditions

Filter data option:

Mean SME, Internet Analysis, & Original DOT

So far, we’ve been working with three of the main tabs: *About the Job*, *About the Individual*, and *Full Filter*. Now, select the **Job Availability** tab.

The resulting *Job Availability* list and population information will give you a rough idea of the alternate jobs that can be found in the given area.

Job Availability

(Vocational Occupations - Estimated Specific Jobs existent, both filled and vacant)



Survey Data Source: ERI's eDOT Job Availability Survey, SalariesReview eSpideri Job Board, & US Government Sources

Survey / Source Names: US Census "today" estimates (trend of past two census), US OEWS annual survey data (job family), and BLS Covered Employment, latest quarterly survey.

Data Projected / Trended to: October 6, 2025

Pro-ration Methods: Frequency found in ERI's Job Availability Survey, in eSpider's datamining of Job Boards, and PAQ's Complexity Model.

Population Survey Areas Using 3 different Government Employment Counts & 3 Methods of Segmenting these Occupational Group (Job Family) Populations into Specific Job Estimates.

OEWS Survey: Los Angeles-Long Beach-Anaheim, CA

US Census: Los Angeles, CA (06CS015)

US CEW: Los Angeles

or Within: 50 miles of residence. (If mileage/distance is to be used, populations shown on the previous screen are still that of the OEWS labor market area.)

What makes eDOT unique is that it estimates specific potential employers profiled to have the specific alternative jobs identified applicable to/for a specific claimant within 50 miles of his/her residence. eDOT follows this estimate with real job postings for these specific jobs for any month requested (in that geographic area).

(Positions shown in gray font are alternate job titles for positions shown in black font - EEO-1 demographic distributions are found in the Geographic Assessor. Relative Standard Error is that reported by the annual US OEWS Survey.)

eDOT Code	Job Title	Job Family Populations			Est. Distributions			Est. of Job Pop.			Relative Standard Error
		OEWS	Census	CEW	Avail Survey	eSpideri	ERI Model	Min	-	Max	
007.167-018	Numerical Control Programmer	0	2,455	986	0	16.7	93.3	164	-	2,291	
007.167-018	CNC Programmer	0	2,455	986	0	16.7	93.3	164	-	2,291	
007.167-018	Computer Control Operator	0	2,455	986	0	16.7	93.3	164	-	2,291	

Select the **Potential Employers** tab to review employer-specific data for the given area. Only businesses that are likely to have at least one of the positions on the *Alternate Job* list will display – we show a sample below.

Potential Employers

(Vocational Occupations where Specific Jobs are estimated to exist)



Data Source: State employer/government filings, credit agency records, US DOL benefit filings (Form 5500s), government contractor lists, SEC & IRS public files (8-Ks, 10-Ks, proxies and Form 990s), research compiled from yellow pages, and files from private firms from whom data is leased. Merging, purging, and deleting duplications found in these multiple datasets, a universe of US employers is created. (Duplicates and closed/relocated organizations may be shown; this data is for the experienced, professional vocational expert.)

Data Date: October 6, 2025

Potential Employer Area OEWS Survey: Los Angeles-Long Beach-Anaheim, CA

US Census: Los Angeles, CA (06CS015)

US CEW: Los Angeles

or Within: 50 miles of residence. (If mileage/distance is to be used, populations shown on the previous screen are still that of the OEWS labor market area.)

Estimated Alternative Jobs: Administrator Web Content, Analyst Business Systems, Analyst Computer Systems, Analyst Human Resources Information Systems, Analyst Lead Systems, Analyst Programmer, Application Developer, Application Development Manager, Application Programmer, Application Systems & Programming Lead, Applications Developer, Applications Manager, Applications Programmer, Applications Programming Manager, Applications Programming Supervisor, Author Web, Business Systems Analyst, Business Systems Project Manager, Chief Information Executive, Chief Information Officer, Chief Information Technology Officer, Chief Technology Executive, CIO, Client Server

Display: Jobs by Employer (distance) ▼

Organization Name	Est. Alternative Jobs	Est. Distance
Community Baptist Church of Manhattan Beach, Inc 1243 Artesia Blvd, Manhattan Beach, CA 90266 3103724641 Claire Abernathy, Secretary	Computer Data Control Supervisor (1); Computer Operations Supervisor (1); Computer Services Manager (1); Data Control Supervisor (1); Data Warehousing Manager (1); Information Systems Operations Supervisor (1); Information Technology Data Control Supervisor (1); Information Technology Operations Supervisor (1); Information Technology Services Manager (1); IT Data Control Supervisor (1); IT Operations Supervisor (1); IT Services Manager (1); IT Vendor Relationship Manager (1); Manager Computer Services (1); Manager IT Services (1); Supervisor Computer Data Control (1); Supervisor Computer Operations (1); Supervisor Data Control (1); Supervisor Data Processing (1); Supervisor Information Systems Operations (1)	0
Comstock Cresser & Associates Development Company, 321 12th St Ste 200, Manhattan Beach, CA 90266 3105465781 Dan Cresser, Vice- President	Computer Data Control Supervisor (1); Computer Operations Supervisor (1); Computer Services Manager (1); Data Control Supervisor (1); Data Warehousing Manager (1); Information Systems Operations Supervisor (1); Information Technology Data Control Supervisor (1); Information Technology Operations Supervisor (1); Information Technology Services Manager (1); IT Data Control Supervisor (1); IT Operations Supervisor (1); IT Services Manager (1); IT Vendor Relationship Manager (1); Manager Computer Services (1); Manager IT Services (1); Supervisor Computer Data Control (1); Supervisor Computer Operations (1); Supervisor Data Control (1); Supervisor Data Processing (1); Supervisor Information Systems Operations (1)	0
Lebo Automotive, Inc 1500 N Sepulveda Blvd, Manhattan Beach, CA 90266 3105464848 Leo R Boese, President	Computer Data Control Supervisor (1); Computer Operations Supervisor (1); Computer Services Manager (1); Data Control Supervisor (1); Data Warehousing Manager (1); Information Systems Operations Supervisor (1); Information Technology Data Control Supervisor (1); Information Technology Operations Supervisor (1); Information Technology Services Manager (1); IT Data Control Supervisor (1); IT Operations Supervisor (1); IT Services Manager (1); IT Vendor Relationship Manager (1); Manager Computer Services (1); Manager IT Services (1); Supervisor Computer Data Control (1); Supervisor Computer Operations (1); Supervisor Data Control (1); Supervisor Data Processing (1); Supervisor Information Systems Operations (1)	0
Lightswitch Media, LLC 3316 Manhattan Ave B, Manhattan Beach, CA 90266 3102950872 David Tobias, Member	Computer Data Control Supervisor (1); Computer Operations Supervisor (1); Computer Services Manager (1); Data Control Supervisor (1); Data Warehousing Manager (1); Information Systems Operations Supervisor (1); Information Technology Data Control Supervisor (1); Information Technology Operations Supervisor (1); Information Technology Services Manager (1); IT Data Control Supervisor (1); IT Operations Supervisor (1); IT Services Manager (1); IT Vendor Relationship Manager (1); Manager Computer Services (1); Manager IT Services (1); Supervisor Computer Data Control (1); Supervisor Computer Operations (1); Supervisor Data Control (1); Supervisor Data Processing (1); Supervisor Information Systems Operations (1)	0

Next, select the **Job Dimensions** tab.

The *Dimension Report* shows a percentile for each dimension measured for a job that is a comparison to other jobs.

Computer Operations Programmer

eDOT: 030.132-200 | OES: 25105 | O*NET: 25-2031.00 | SOC: 151251

Dimension Report

Dimension	Score	Percentile	
Cognitive & Decision Making	0.96	83	▲
General Physical	-0.74	23	
Work Structure	-0.91	18	
Gross Motor	-0.44	33	
Visual & Perception	-0.49	31	
Concentration	-2.62	0	
Fine Motor	-0.13	45	
Physical Hazards	-0.36	36	
Chemical Hazards	0.32	63	▼

This ends the tutorial portion of this exercise. Please close this PDF. Then press the **Next** button on the *Problem Statement* page to continue.