Job-to-Job Flows (J2J) Measure Relatedness (Overview)

EMPLOYMENT TOTALS

MainB

MainE

MJobEnd

Remainder #1: "Job Stayers" – – – – Equivalent – – – – Remainder #1: "Job Stayers"

MJobStart

Remainder #2: "Main to Sec."

Remainder #3: "Sec. to Main"

SEPARATIONS

MSep

HIRES

MHire

J2JSep

ENSep

J2JHire

NEHire

EESep

AQSep

ENPersist

Remainder #4: "No Hire, Sec. Job"

Remainder #5: "No Sep., Sec. Job"

EEHire

AQHire

NEPersist

ENFullQ

Remainder #6: "Int. Emp'd NQ"

NEFullQ

Remainder #7: "Int. Emp'd LQ"

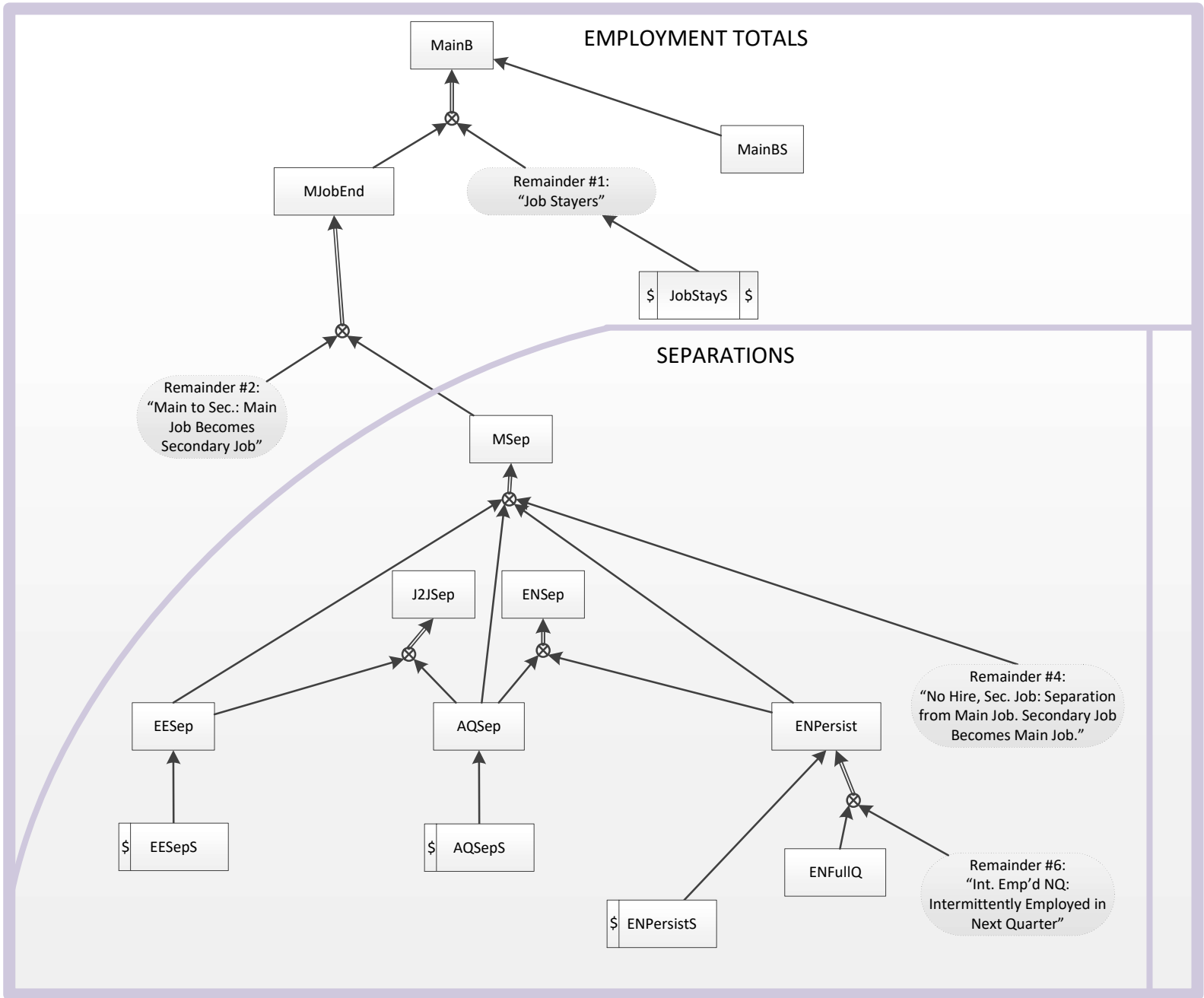**COUNTS**

Equivalent

Equivalent

Equivalent

Equivalent

NOTES:
- Details and expanded names for Job-to-Job Flows measures can be found on subsequent pages.
- Not all J2J Measures shown in Overview

ORIGIN-DESTINATION (OD)

J2J

EE

AQHire

J2JS

EES

AQHireS
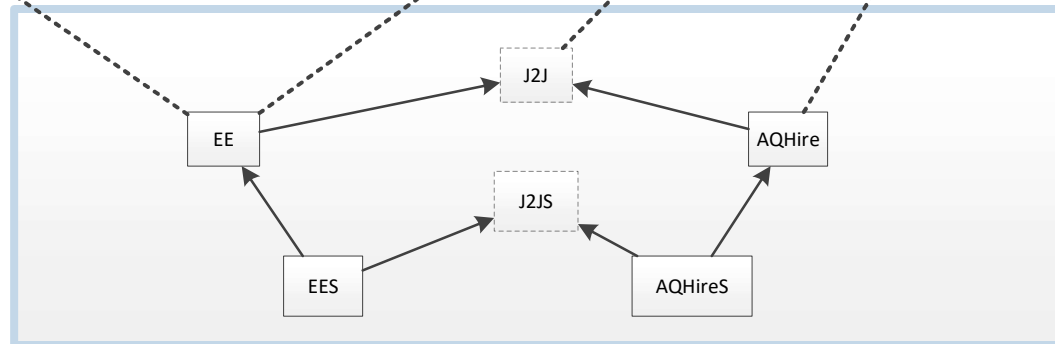
Legend

→ Contributes to

– – – Equivalent to

| Var | Published J2J measure |

| Var | Constructed in data tools, not in raw data files. |

| Var | Conceptual remainder, not currently implemented. |

Additional logical relationships between measures may exist. Some measures have stable variants (signified with an "S" in the name). These stable measures require an additional quarter of employment and exclude short term employment leading to or following the reference quarter. Full technical definitions of published J2J measures are available in Table 1 of Hyatt et al. (2015) available at lehd.ces.census.gov/doc/jobtojob_documentation_long.pdf. Destination/Origin earnings for stable workers can be calculated as a weighted average of Destination/Origin earnings for all transitions. See Hyatt et al. (2015) for more information on earnings calculations.

EMPLOYMENT TOTALS

- MainB
- MJobEnd
- MainBS
- Remainder #1: "Job Stayers"
- JobStayS
- Remainder #2: "Main to Sec.: Main Job Becomes Secondary Job"

SEPARATIONS

- MSep
- J2JSep
- ENSep
- EESep
- AQSep
- ENPersist
- Remainder #4: "No Hire, Sec. Job: Separation from Main Job. Secondary Job Becomes Main Job."
- EESepS
- AQSepS
- ENFullQ
- ENPersistS
- Remainder #6: "Int. Emp'd NQ: Intermittently Employed in Next Quarter"

MEASURES

MainB: Employment (Beginning of Quarter)
MainBS: Stable Employment (Beginning of Quarter)
JobStayS: Stable Job Stayer
MJobEnd: Main Job Ends
MSep: Main Job Separations
J2JSep: Job-to-Job Separations
ENSep: Separations to Nonemployment
EESep: Job-to-Job Separations (Continuous Employment)
EESepS: Stable Job-to-Job Separations (Continuous Employment)
AQSep: Job-to-Job Separations (Brief Nonemployment)
AQSepS: Stable Job-to-Job Separations (Brief Nonemployment)
ENPersist: Separations to Persistent Nonemployment
ENPersistS: Stable Separations to Persistent Nonemployment
ENFullQ: Separations to Full-Quarter Nonemployment

EARNINGS

- JobStayS is the base for:
  - JobStaySEarn_Orig
  - JobStaySEarn_Dest
- ENPersistS is the base for:
  - ENSepSEarn_Orig
- EESepS is the base for:
  - EESepSEarn_Orig
- AQSepS is the base for:
  - AQSepSEarn_Orig
- J2JSepS is the base for:
  - J2JSepSEarn_Orig

Legend

Symbol	Meaning
→	Contributes to
⊗→	Adds to
Var	Published J2J measure
Var (dashed)	Constructed in data tools, not in raw data files.
Var (shaded)	Conceptual remainder, not currently implemented.
$ Var	Earnings associated with origin job of measure is available.
Var $	Earnings associated with destination job of measure is available.

COUNTS

Additional logical relationships between measures may exist. Some measures have stable variants (signified with an "S" in the name). These stable measures require an additional quarter of employment and exclude short term employment leading to or following the reference quarter. Full technical definitions of published J2J measures are available in Table 1 of Hyatt et al. (2015) available at lehd.ces.census.gov/doc/jobtojob_documentation_long.pdf. Destination/Origin earnings for stable workers can be calculated as a weighted average of Destination/Origin earnings for all transitions. See Hyatt et al. (2015) for more information on earnings calculations.

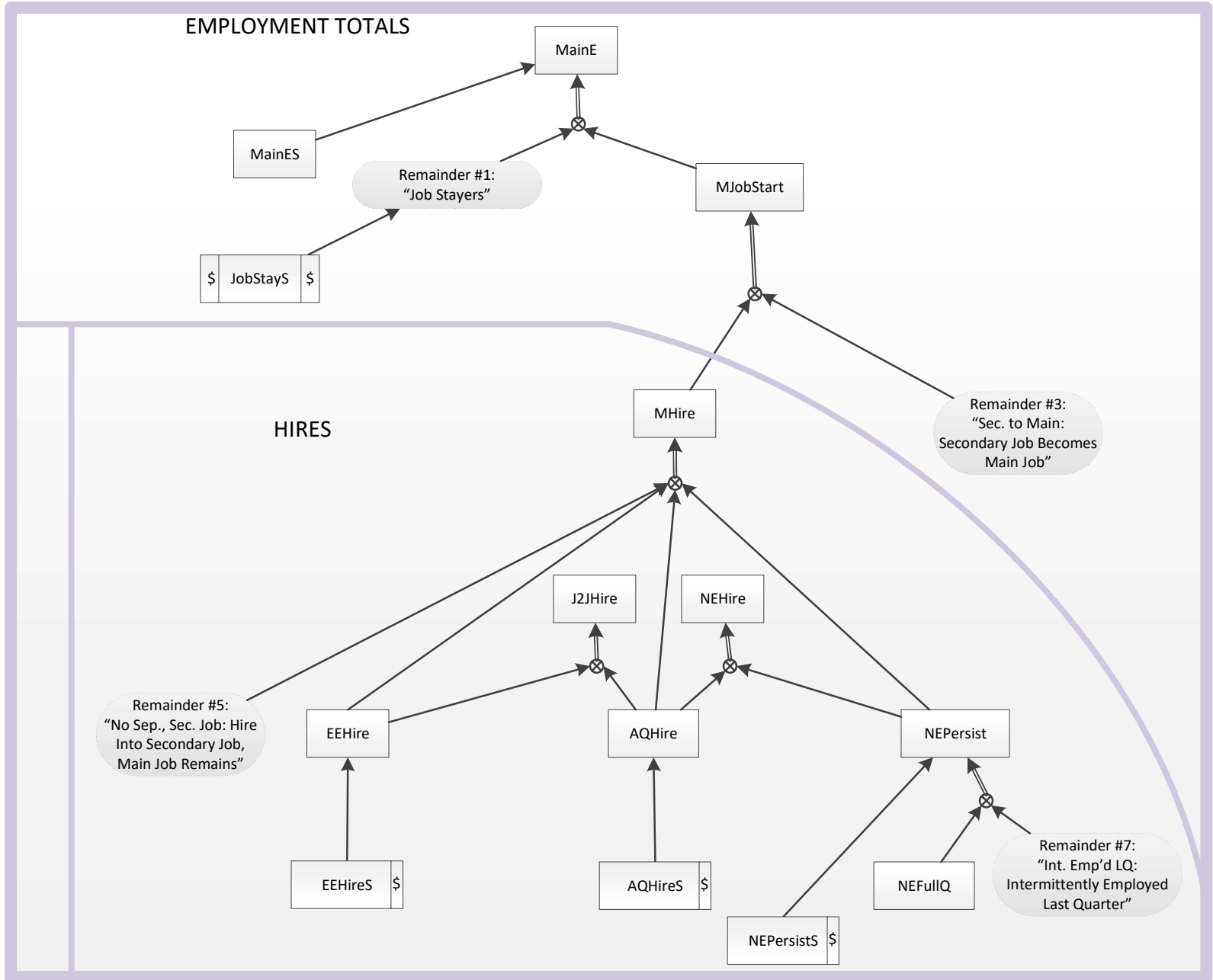# Job-to-Jobs Flows (J2J) Measure Relatedness (Hires Detail)

MEASURES

MainE: Employment (End of Quarter)
MainES: Stable Employment (End of Quarter)
JobStayS: Stable Job Stayer
MJobStart: Main Job Starts
MHire: Main Job Hires
J2JHire: Job-to-Job Hires
NEHire: Hires from Nonemployment
EEHire: Job-to-Job Hires (Continuous Employment)
EEHireS: Stable Job-to-Job Hires (Continuous Employment)
AQHire: Job-to-Job Hires (Brief Nonemployment)
AQHireS: Stable Job-to-Job Hires (Brief Nonemployment)
NEPersist: Hires from Persistent Nonemployment
NEPersistS: Stable Hires from Persistent Nonemployment
NEFullQ: Hires from Full-Quarter Nonemployment

EARNINGS

- JobStayS is the base for:
  - JobStaySEarn_Orig
  - JobStaySEarn_Dest
- NEPersistS is the base for:
  - ENHireSEarn_Dest
- EEHireS is the base for:
  - EEHireSEarn_Dest
- AQHireS is the base for:
  - AQHireSEarn_Dest
- J2JHireS is the base for:
  - J2JHireSEarn_Dest

Legend

→	Contributes to
⊗→	Adds to
[Var]	Published J2J measure
[Var] (dashed)	Constructed in data tools, not in raw data files.
(Var) (oval)	Conceptual remainder, not currently implemented.
$ [Var]	Earnings associated with origin job of measure is available.
[Var] $	Earnings associated with destination job of measure is available.

EMPLOYMENT TOTALS

HIRES

COUNTS

Remainder #1: "Job Stayers"

Remainder #3: "Sec. to Main: Secondary Job Becomes Main Job"

Remainder #5: "No Sep., Sec. Job: Hire Into Secondary Job, Main Job Remains"

Remainder #7: "Int. Emp'd LQ: Intermittently Employed Last Quarter"

Additional logical relationships between measures may exist. Some measures have stable variants (signified with an "S" in the name). These stable measures require an additional quarter of employment and exclude short term employment leading to or following the reference quarter. Full technical definitions of published J2J measures are available in Table 1 of Hyatt et al. (2015) available at lehd.ces.census.gov/doc/jobtojob_documentation_long.pdf. Destination/Origin earnings for stable workers can be calculated as a weighted average of Destination/Origin earnings for all transitions. See Hyatt et al. (2015) for more information on earnings calculations.

Job-to-Jobs Flows (J2J) Measure Relatedness (OD Detail)
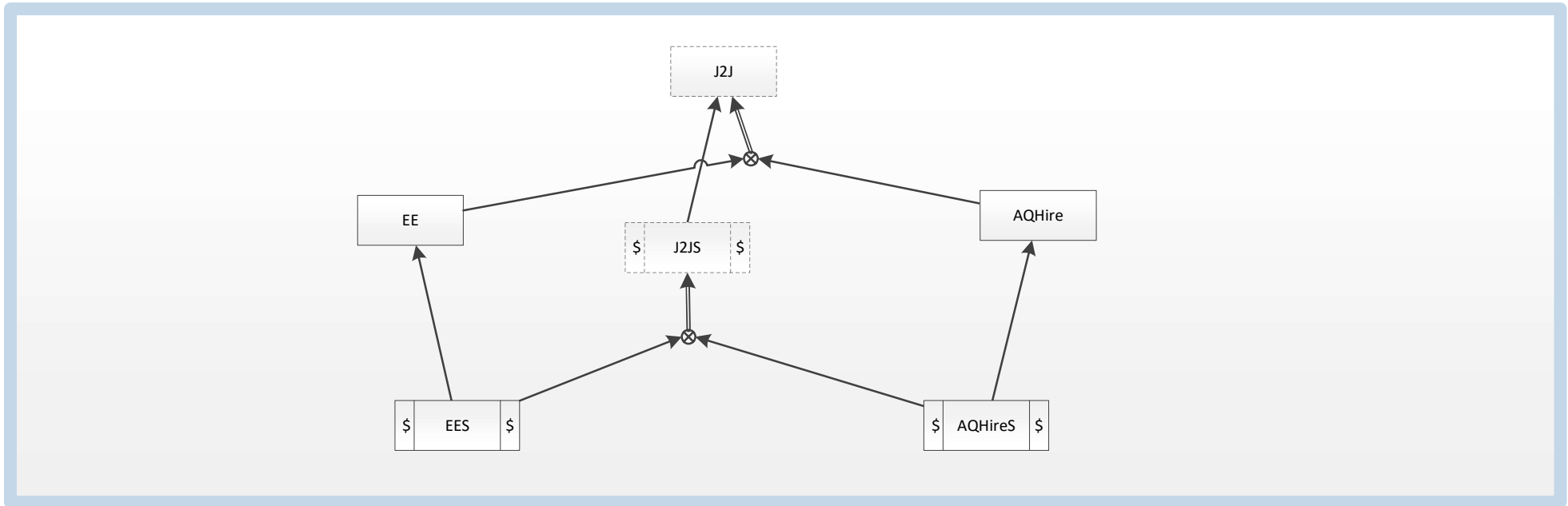
ORIGIN-DESTINATION (OD)

MEASURES

J2J: Job-to-Job Hires
J2JS: Stable Job-to-Job Hires
EE: Job-to-Job Separations/Hires (Continuous Employment)
EES: Stable Job-to-Job Separations/Hires (Continuous Employment)
AQHire: Job-to-Job Hires (Brief Nonemployment)
AQHireS: Stable Job-to-Job Hires (Brief Nonemployment)

EARNINGS

- J2JS is the base for:
  - J2JSEarn_Orig
  - J2JSEarn_Dest
- EES is the base for:
  - EESEarn_Orig
  - EESEarn_Dest
- AQHireS is the base for:
  - AQHireSEarn_Orig
  - AQHireSEarn_Dest

RATES

Explanation of Rates Measures (for Separations, Hires, and OD)
- Most Count measures have comparable Rate measures, which are constructed by dividing the Count Measures by the Base.
- The Base for all rates is (MainB + MainE)/2
- Example: MHireR=MHire/((MainB + MainE)/2)
- Exceptions are MainB, MainE, and the Remainders.
- Availability of Rate measures in data tools and raw data are the same as the comparable Count measures.

Legend

→	Contributes to
⊗→	Adds to
Var	Published J2J measure
Var (dashed)	Constructed in data tools, not in raw data files.
Var (gray)	Conceptual remainder, not currently implemented.
$ Var	Earnings associated with origin job of measure is available.
Var $	Earnings associated with destination job of measure is available.

Additional logical relationships between measures may exist. Some measures have stable variants (signified with an "S" in the name). These stable measures require an additional quarter of employment and exclude short term employment leading to or following the reference quarter. Full technical definitions of published J2J measures are available in Table 1 of Hyatt et al. (2015) available at lehd.ces.census.gov/doc/jobtojob_documentation_long.pdf. Destination/Origin earnings for stable workers can be calculated as a weighted average of Destination/Origin earnings for all transitions. See Hyatt et al. (2015) for more information on earnings calculations.