

APPENDIX E

DUPLICATE DETECTION CRITERIA

TABLE E.1

UI TAX DUPLICATE DETECTION CRITERIA

Population	ETA 581 Reporting Rule	Relevant Data Elements from Extract File (by Field Number)	Data Validation Duplicate Detection Rule Applied to Extract File	Comments
1. Active Employers	Count each employer once. Multi-unit employers are counted as one employer.	2. Employer Account Number (EAN)	If the EAN is identical in two or more records, all of those records are rejected.	As long as EANs are only assigned at the parent level, this should identify units from the same multi-unit employer.
2. Report Filing	Each employer owes only one report for each employer report quarter (ERQ). This report is counted a maximum of 3 times – timely, secured, and resolved. If an employer submits reports for multiple ERQs at the same time, only the report for the ERQ immediately preceding the report quarter (RQ) is countable as timely (if applicable) and secured. Only the report for the ERQ two quarters prior to the RQ is countable as resolved. Reports from multi-unit employers are counted as one report.	2. EAN 3. Employer Report Quarter (ERQ)	If the EAN and ERQ are identical in two or more records, all of those records are rejected.	As long as EANs are only assigned at the parent level, this should identify units from the same multi-unit employer.

TABLE E.1 (continued)

Population	ETA 581 Reporting Rule	Relevant Data Elements from Extract File (by Field Number)	Data Validation Duplicate Detection Rule Applied to Extract File	Comments
<p>3. Status Determinations</p>	<p>Each status determination transaction should be counted only once.</p> <p>Individual EANs may appear more than once. For example, there might be two transactions listed for a single EAN if an employer acquires two businesses at different times during the quarter, resulting in two successorship determinations.</p> <p>Multiple determinations may be legitimate, as long as they do not reflect clerical errors.</p>	<p>2. EAN</p> <p>4. Status Determination Type Indicator</p> <p>6. Status Determination Date</p> <p>12. Predecessor Account Number</p>	<p>If the status determination type indicator is:</p> <p>NEW (subpops 3.1 – 3.3), and the EAN and status determination date are identical in two or more records, all of those records are rejected.</p> <p>SUCCESSOR (subpops 3.4 – 3.6), and the EAN and status determination date and predecessor account number are identical in two or more records, all of those records are rejected.</p> <p>INACTIVATION or TERMINATION (subpops 3.7 and 3.8), and the EAN and status determination date are identical in two or more records, all of those records are rejected.</p>	

TABLE E.1 (continued)

Population	ETA 581 Reporting Rule	Relevant Data Elements from Extract File (by Field Number)	Data Validation Duplicate Detection Rule Applied to Extract File	Comments
4. Accounts Receivable	No transaction should be listed more than once.	2. EAN 4. Transaction Date 5. Established Date 6. Employer Report Quarter (cont.) 7. Due Date (reimb.) 8. Transaction Type 9. Transaction Amount (established) 10. Transaction Amount (liquidated) 11. Transaction Amount (uncollectible) 12. Removed Amount 13. Balance at End of Report Quarter	If the transaction type is: E (subpops 4.1 and 4.9), and the EAN, transaction date, established date, ERQ (cont.) or Due Date (reimb.), and amount established are identical in two or more records, all of those records are rejected. L or U (subpops 4.2-4.4 and 4.10-4.12), and the EAN, transaction date, ERQ (cont.) or Due Date (reimb.), transaction type, and transaction amount are identical in two or more records, all of those records are rejected. R (subpops 4.5-4.6, 4.13-4.14), and the EAN, ERQ (cont.) or Due Date (reimb.), and removed amount are identical in two or more records, all of those records are rejected. B (subpop 4.7-4.8, 4.15-4.16), and the EAN, ERQ (cont.) or Due Date (reimb.), and balance are identical in two or more records, all of those records are rejected.	Currently, the UI Tax DVWS does not check for duplicates in Population 4. State IT staff now are responsible for ensuring that the extract file does not include duplicate transactions. DVWS 1.1 will be modified to include the new duplicate detection criteria.

TABLE E.1 (continued)

Population	ETA 581 Reporting Rule	Relevant Data Elements from Extract File (by Field Number)	Data Validation Duplicate Detection Rule Applied to Extract File	Comments
5. Field Audits	Each field audit should be counted once.	2. EAN 3. Audit ID Number	If the EAN and Audit ID Number are identical in two or more records, all of those records are rejected.	