

National Apprentice and Trainee Collection Quality Assurance Program

To enable State or Territory Training Authorities (STAs) to self-assess their own data quality the data quality checks are included in the AVETMISS validation software (AVS). STAs must pass both data validation and data quality checks before finalising their quarterly submission to the National Apprentice and Trainee Collection.

The overall approach to data quality is to identify significant changes to previously reported data; each data quality check has a data quality threshold (a percentage of acceptable tolerance). Where the percentage of records that triggers is above the allowed threshold it is reported as an AVS data quality error or as an AVS data quality warning if it is below. NCVER reviews the data quality thresholds quarterly.

Please note the term 'collection' used throughout the data quality checks refers to the National Apprentice and Trainee Collection.

Training contract transaction (APP00150) file – data quality checks

Check No.	Check Name	Data Quality Check – Description
15004	Previous collection comparison - Client and Contracts in combination	<p><i>Training contract identifier</i> and <i>Client identifier - apprenticeships</i> (in combination) appear in the previous collection but no longer appear in the current collection as clients that commenced or recommenced in a training contract.</p> <p>It is unlikely that training contracts would disappear between collections.</p> <p>Please review and if necessary, add the additional training contracts to the State/Territory contract management system and update the Training contract transaction (APP00150) file and the associated files.</p>
15043	Previous collection comparison - At School Flag	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier – apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>At school flag</i> does not match.</p> <p>It is unlikely that the <i>At school flag</i> would change between collections.</p> <p>Please review and if necessary, amend the training contracts to the State/Territory contract management system and update the Training contract transaction (APP00150) file.</p>
15044	Previous collection comparison - School Level Id	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract Identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>School level identifier</i> does not match.</p> <p>It is unlikely that the <i>School level identifier</i> would change between collections.</p> <p>Please review and if necessary, change the <i>School level identifier</i> in the Training contract transaction (APP00150) file.</p>
15045	Previous collection comparison - School Based Flag	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>School-based flag</i> does not match.</p> <p>It is unlikely that the <i>School-based flag</i> would change between collections.</p> <p>Please review and if necessary, change the <i>School-based flag</i> in the Training contract transaction (APP00150) file.</p>
15048	Previous collection comparison - Full Time Id	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>Full-time identifier</i> does not match.</p> <p>It is unlikely that the <i>Full-time identifier</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Full-time identifier</i> in the Training contract transaction (APP00150) file.</p>

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Check No.	Check Name	Data Quality Check – Description
15050	Previous collection comparison - Workplace Postcode	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>Postcode [Workplace]</i> does not match.</p> <p>It is unlikely that the <i>Postcode [Workplace]</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Postcode [Workplace]</i> in the Training contract transaction (APP00150) file.</p>
15051	Previous collection comparison - Workplace Suburb	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>Address location – suburb, locality or town [Workplace]</i> does not match.</p> <p>It is not expected that the <i>Address location – suburb, locality or town [Workplace]</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Address location – suburb, locality or town [Workplace]</i> in the Training contract transaction (APP00150) file.</p>
15052	Previous collection comparison - Employer Id	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>Employer identifier</i> does not match.</p> <p>It is not expected that the <i>Employer identifier</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Employer identifier</i> in the Training contract transaction (APP00150) file.</p>
15053	Previous collection comparison - Program Id	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>Program identifier/Superseded Program identifier</i> does not match.</p> <p>It is unlikely that the <i>Program identifier</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Program identifier</i> in the Training contract transaction (APP00150) file.</p>
15055	Previous collection comparison - Existing Worker Flag	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>Existing worker flag</i> does not match.</p> <p>It is unlikely that the <i>Existing worker flag</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Existing worker flag</i> in the Training contract transaction (APP00150) file.</p>
15057	Previous collection comparison - State Id (Workplace)	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>State identifier [Workplace]</i> does not match.</p> <p>It is not expected that the <i>State identifier [Workplace]</i> would change between collections.</p> <p>Please review and if necessary change the <i>State identifier [Workplace]</i> in the Training contract transaction (APP00150) file.</p>
15058	Previous collection comparison - ANZSIC (2 digit)	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the first two digits of <i>ANZSIC identifier [Training contract]</i> does not match.</p> <p>It is unlikely that the first two digits of the <i>ANZSIC identifier [Training contract]</i> would change between collections.</p> <p>Please review and if necessary change the <i>ANZSIC identifier [Training contract]</i> in the Training contract transaction (APP00150) file.</p>

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Check No.	Check Name	Data Quality Check – Description
15059	Previous collection comparison - Commencement Date	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>Date of training contract commencement</i> does not match.</p> <p>It is unlikely that the <i>Date of training contract commencement</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Date of training contract commencement</i> in the Training contract transaction (APP00150) file.</p>
15060	Previous collection comparison – Completion Date	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>Date of training contract completion</i> does not match where the contract is no longer active (where Training contract status identifier is '04 – completed', '03 – Withdrawn', '05 – Expired' or '06 – Cancelled').</p> <p>It is unlikely that the <i>Date of training contract completion</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Date of training contract completion</i> in the Training contract transaction (APP00150) file.</p>
15061	Previous collection comparison – Training Organisation	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but the <i>Training organisation identifier</i> does not match.</p> <p>It is unlikely that the <i>Training organisation identifier</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Training organisation identifier</i> in the Training contract transaction (APP00150) file.</p>
15062	Previous collection comparison – Transactions	<p>Details transactions that appear in the previous and current collections when matched by <i>Training contract identifier</i>, <i>Client identifier - apprenticeships</i>, <i>Training contract status identifier</i> and <i>Date of transaction</i> (in combination) but some of the transactions associated with the training contract no longer appear in the current collection for clients that commenced or recommenced in a training contract.</p> <p>It is unlikely that transactions would disappear between collections for clients that commenced or recommenced in a training contract.</p> <p>Please review and if necessary, add the additional transactions to the Training contract transaction (APP00150) file.</p>
15063	Unknown contract status - Less than 2 years past expected completion date with contract status 01,02,07	<p>Details transactions in the current collection where the training contracts Date of completion is less than two years past expected completion date with the latest contract transaction status of 01-commenced, 02-recommended, 07-suspended.</p> <p>Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.</p>
15064	Unknown contract status - More than 2 years but less than 4 years past expected completion date with contract status 01,02,07	<p>Details transactions in the current collection where the training contracts Date of completion is more than 2 years but less than 4 years past expected completion date with the latest contract transaction status of 01-commenced, 02-recommended, 07-suspended.</p> <p>Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.</p>
15065	Unknown contract status - More than 4 years but less than 6 years past expected completion date with contract status 01,02,07	<p>Details transactions in the current collection where the training contracts Date of completion is more than 4 years but less than 6 years past expected completion date with the latest contract transaction status of 01-commenced, 02-recommended, 07-suspended.</p> <p>Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.</p>

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Check No.	Check Name	Data Quality Check – Description
15066	Unknown contract status - More than 6 years but less than 8 years past expected completion date with contract status 01,02,07	Details transactions in the current collection where the training contracts Date of completion is more than 6 years but less than 8 years past expected completion date with the latest contract transaction status of 01-commenced, 02-recommended, 07-suspended. Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.
15067	Unknown contract status - More than 8 years past expected completion date with contract status 01,02,07	Details transactions in the current collection where the training contracts Date of completion is more than 8 years past expected completion date with the latest contract transaction status of 01-commenced, 02-recommended, 07-suspended. Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.
15068	Unknown contract status - Less than 2 years past expected completion date with contract status 05,09	Details transactions in the current collection where the training contracts Date of completion is less than two years past expected completion date with the latest contract transaction status of 05-expired or 09-expired unsuccessful. Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.
15069	Unknown contract status - More than 2 years but less than 4 years past expected completion date with contract status 05,09	Details transactions in the current collection where the training contracts Date of completion is more than 2 years but less than 4 years past expected completion date with the latest contract transaction status of 05-expired or 09-expired unsuccessful. Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.
15070	Unknown contract status - More than 4 years but less than 6 years past expected completion date with contract status 05,09	Details transactions in the current collection where the training contracts Date of completion is more than 4 years but less than 6 years past expected completion date with the latest contract transaction status of 05-expired or 09-expired unsuccessful. Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.
15071	Unknown contract status - More than 6 years but less than 8 years past expected completion date with contract status 05,09	Details transactions in the current collection where the training contracts Date of completion is more than 6 years but less than 8 years past expected completion date with the latest contract transaction status of 05-expired or 09-expired unsuccessful. Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.
15072	Unknown contract status - More than 8 years past expected completion date with contract status 05,09	Details transactions in the current collection where the training contracts Date of completion is more than 8 years past expected completion date with the latest contract transaction status of 05-expired or 09-expired unsuccessful. Please review and if necessary, add or update transactions in the Training contract transaction (APP00150) file.

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Client(APP00080) file – data quality checks

Check No.	Check Name	Data Quality Check – Description
80028	Previous collection comparison - Clients	<p>Details clients who appear in the previous collection with a <i>Client identifier - apprenticeships</i>, but do not appear in the current collection.</p> <p>It is unlikely that clients would disappear between collections.</p> <p>Please review and if necessary, add the additional clients to the Client (APP00080) file and the associated records to the Training contract transaction (APP00150) file, Prior educational achievement (APP00100) file and Employer (APP00160) file.</p>
80029	Previous collection comparison - Gender	<p>Details <i>Client identifier – apprenticeships</i> that appear in the previous collection with a <i>Sex</i> that is different from <i>Gender</i> in the current collection.</p> <p>It is unlikely that the <i>Gender</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Gender</i> in the Client (APP00080) file.</p>
80030	Previous collection comparison - Date of Birth	<p>Details <i>Client identifier – apprenticeships</i> that appear in the previous collection with a <i>Date of Birth</i> which is different from <i>Date of birth</i> in the current collection.</p> <p>It is unlikely that the <i>Date of birth</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Date of birth</i> in the Client (APP00080) file.</p>
80031	Previous collection comparison - Indigenous Status Identifier	<p>Details <i>Client identifier – apprenticeships</i> that appear in the previous collection with an <i>Indigenous status identifier</i> which is different from <i>Indigenous status identifier</i> in the current collection.</p> <p>It is unlikely that the <i>Indigenous status identifier</i> would change between collections.</p> <p>Please review and if necessary, change the <i>Indigenous status identifier</i> in the Client (APP00080) file.</p>
80063	Previous collection comparison - Highest School Level Completed	<p>Details <i>Client identifier – apprenticeships</i> that appear in the previous collection with an unexpected different <i>Highest school level completed identifier</i> from the current collection.</p> <p>It is unlikely that the <i>Highest school level completed identifier</i> would change to a lower level between collections.</p> <p>Please review and if necessary, change the <i>Highest school level completed identifier</i> in the Client (APP00080) file.</p>

Collection summary reports

Check No.	Check Name	Data Quality Check – Description
Report	Summary	Summary report detailing the number of records identified for each data quality check as a percentage of total records submitted for that APP file.
Report	Unknown Data - APP00080	'Not specified' (@ filled) frequency report for the current Client (APP00080). Analysis is only for the following fields: <i>Highest school level completed, Gender, Date for birth, Postcode, Indigenous status identifier, Language identifier, Country identifier, Disability flag, and Prior educational achievement identifier.</i>
Report	Unknown Data - APP00150	'Not specified' (@ filled) frequency report for the current Training contract transaction (APP00150) file. Analysis is only for following fields: <i>At school flag, School level identifier, School-based flag, Full-time identifier, Postcode [Workplace] and Existing worker flag.</i>
Report	Contracts passed completion date	A crosstab analysis of transactions in the current collection where the training contracts Date of completion has passed by Last contract status and Years since expected completion.