



Australian Immunisation Register (AIR)

Messages Code List User Guide

26 August 2025 Release

Australian Immunisation Register Web Services

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Document History

Date of Issue	Brief Description of Change
11 December 2020	Initial version – Version 1.0.0
25 August 2021	Version 1.0.1 – Minor updates <ul style="list-style-type: none">• Section 3.3 – AIR-WS Response Codes<ul style="list-style-type: none">○ Updated AIR-E-1031 message.○ Removed AIR-E-1057 as was a duplicate of AIR-E-1061
29 September 2021	Version 1.0.2 – Major updates <ul style="list-style-type: none">• Section 3.3 – AIR-WS Response Codes<ul style="list-style-type: none">○ Updated response code list
11 December 2021	Version 1.0.3 – Minor updates <ul style="list-style-type: none">• Section 3.2 – Status Response Codes<ul style="list-style-type: none">○ Corrected AIR-E-1062 to AIR-W-1062.• Section 3.3 – AIR-WS Response Codes<ul style="list-style-type: none">○ Added new AIR-E-1048 code and message text.○ Corrected message text for AIR-E-1082 for what is actually returned.
26 May 2022	Version 1.0.4 – Minor updates <ul style="list-style-type: none">• Section 3.3 - AIR-WS Response Codes<ul style="list-style-type: none">○ Updated error message text AIR-E-1080○ Updated error message text AIR-E-1079
11 July 2022	Version 1.0.5 – Minor updates <ul style="list-style-type: none">• Changes<ul style="list-style-type: none">○ Updated Developer Support team name and email address to Developer Liaison
5 December 2022	Version 1.0.6 – Minor updates <ul style="list-style-type: none">• Section 3.3 - AIR-WS Response Codes<ul style="list-style-type: none">○ Added new error message text AIR-E-1083
18 January 2023	Version 1.0.7- Minor updates <ul style="list-style-type: none">• Section 3.3 – AIR-WS Response Codes<ul style="list-style-type: none">○ Changed AIR-E-1012 to AIR-W-1012○ Removed AIR-E-1045 as not being used in code○ Removed AIR-E-1053 as no reference of this in the code○ Removed AIR-E-1054 as no reference of this in the code
10 February 2023	Version 1.0.8 - Minor updates <ul style="list-style-type: none">• Section 3.2 – Status Response Codes<ul style="list-style-type: none">○ Message code added (AIR-W-0044)
2 December 2023	Version 1.0.9

Date of Issue	Brief Description of Change
	<ul style="list-style-type: none"> Section 3.3 – AIR-WS Response Codes - new error messages added <ul style="list-style-type: none"> o AIR-E-1084 o AIR-E-1085 o AIR-E-1086 o AIR-E-1087 o AIR-E-1088
14 October 2023	<p>Version 1.1.0</p> <ul style="list-style-type: none"> Section 3.2 – Status Response Codes <ul style="list-style-type: none"> o Message code added (AIR-E-1078)
2 December 2023	<p>Version 1.1.1 – minor update</p> <ul style="list-style-type: none"> Section 3.3 AIR -WS Response Code <ul style="list-style-type: none"> o Error code AIR-E-1088, changed “required” too “mandatory”.
24 October 2024	<p>Version 1.1.2 – minor update – 7 December 2024 release</p> <ul style="list-style-type: none"> Section 3.3 – AIR-WS Response Codes <ul style="list-style-type: none"> o Added AIR-E-1089 Section 3.4 – Assessment Reason Codes <ul style="list-style-type: none"> o Added AIR-W-0077
12 November 2024	<p>Version 1.1.3 – minor update – 7 December 2024 release</p> <ul style="list-style-type: none"> Section 3.4 – Assessment Reason Codes <ul style="list-style-type: none"> o AIR-W-0077 updated
31 January 2025	<p>Version 1.1.4 – minor update – 7 December 2024 release</p> <ul style="list-style-type: none"> Section 3.3 – AIR-WS Response Codes <ul style="list-style-type: none"> o AIR-E-1089 and AIR-E-1084 updated
7 June 2025	<p>Version 1.1.5 – minor update – 7 June 2025 release</p> <ul style="list-style-type: none"> Section 3.3 – AIR-WS Response Codes <ul style="list-style-type: none"> o Added AIR-E-1090 and AIR-E-1091
26 August 2025	<p>Version 1.1.6 – minor update – 26 August 2025 release</p> <ul style="list-style-type: none"> Section 3.2 – Status Response Codes updated

Associated Documents

The following table lists all documents that are relevant to this document:

Document Name	TECH.SIS
AIR Web Services Common Rules	TECH.SIS.AIR.01
AIR Record Encounter	TECH.SIS.AIR.02

Document Name	TECH.SIS
AIR Planned Catch Up Date	TECH.SIS.AIR.03
AIR API Authorisation	TECH.SIS.AIR.04
AIR API Individual Details	TECH.SIS.AIR.05
AIR API Medical Exemptions	TECH.SIS.AIR.06

Changes

Please contact the Developer Liaison team at DeveloperLiaison@servicesaustralia.gov.au if you have any changes, or recommendations for this documentation.

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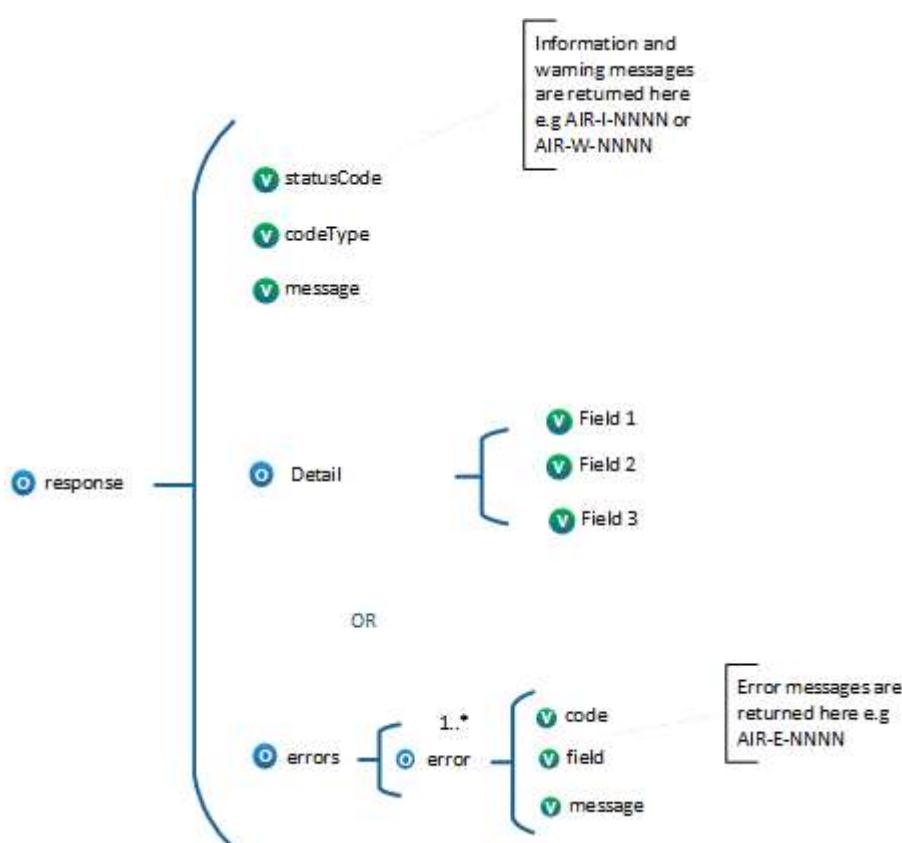
1 Purpose

The purpose of this document is to list all the message codes used by AIR Web Services (AIR-WS) in one master list.

2 Message Codes

2.1 Message Code Level in Response

Message codes can be returned in one of two places, either at the top level as a Status Code or in the errors list as per the following diagram:



Key: **O** = Object **V** = Value

3 Table of Message Codes

Any errors returned will contain an error code and a detailed, easy to understand error message.

If an invalid value is supplied for an unused field, it may result in an unexpected error.

Note: It is a requirement that error messages are displayed to the end user as supplied by Services Australia, and not truncated, transformed or changed in any way. This will ensure that the correct message is received by the end user, as they may be updated at any time by the agency.

3.1 AIR-WS Message Codes

Message Codes	Message text
AIR-E-0102	Check for duplicate vaccination services already in AIR system.
AIR-I-1000	Encounter was successfully recorded.
AIR-W-1001	Encounter was NOT successfully recorded. Correct the details or submit confirmation accepting episode(s) status.
AIR-I-1002	Vaccine was valid.
AIR-I-1003	Dosage was adjusted to {dose}

3.2 Status Response Codes

Status Response Codes	Message text
AIR-W-0033	The vaccine and/or dose number administered not supplied.
AIR-W-0044	Vaccine not valid for encounter date.
AIR-W-1004	Individual was not found. Correct the individual details or confirm and accept individual details are correct.
AIR-E-1005	The request contains validation errors.
AIR-E-1006	An unexpected error has occurred. Please try again shortly. If the problem persists, take a screenshot of the error and email it to AIR.INTERNET.HELPDESK@servicesaustralia.gov.au with a description of what you were doing at the time the error occurred.
AIR-I-1007	All encounter(s) were successfully recorded.
AIR-W-1008	There are encounter(s) that were not successfully recorded. Correct the details or submit confirmation accepting episode(s) status.
AIR-E-1046	There are encounter(s) that were not successfully recorded. Correct the details and submit for processing again or remove the invalid encounter(s).
AIR-E-1058	This individual's record cannot be viewed or updated at this time.
AIR-W-1059	The immunisation details for this individual cannot be viewed at this time. You can record encounter(s) for this individual.
AIR-E-1078	The immunisation history statement for this individual cannot be generated or viewed at this time.
AIR-W-1062	Some fields in this record may not be available for updating. You can record encounter(s) for this individual.
AIR-I-1100	Your request was successfully processed.

3.3 AIR-WS Response Codes

These response codes are from the upfront validation by AIR-WS and will be in the errors list. These mainly cover validation such as format or value being set, but can also contain validation such as checking the number of encounters in the request.

Return Codes	Message text
AIR-I-1009	Catch-up date was successfully recorded.
AIR-W-1010	Catch-up date already exists for the individual.
AIR-W-1011	Catch-up date period has expired.
AIR-W-1012	An error occurred during the assessment of the individual.
AIR-E-1013	The maximum number of encounters has been exceeded.
AIR-E-1014	An error was detected with the episode sequencing. The sequence numbers must begin with 1 and increment by one as each episode is added.
AIR-E-1015	Date of Service must be after individual's Date of Birth.
AIR-E-1016	Invalid format for field {0}, for data item with value {1}.
AIR-E-1017	Invalid value {0} for field {1}. The data element does not comply with the values permitted or has failed a check digit check.
AIR-E-1018	Date field {0} with value {1} is in future. The date supplied must not be in the future.
AIR-E-1019	Date field {0} with value {1} is more than 130 years in the past.
AIR-E-1020	Individual's Medicare card number must be supplied if IRN is set.
AIR-E-1021	Immunising Provider Number must be supplied.
AIR-E-1022	Date of Service is invalid.
AIR-E-1023	Vaccine code is invalid.
AIR-E-1024	Vaccine dose is invalid.
AIR-E-1025	Encounter has more than one episode with an equivalent vaccine.
AIR-E-1026	Individual information provided is insufficient
AIR-E-1027	School Id is invalid.
AIR-E-1028	Immunisation Provider number must exist and be current at the date of submission in the AIR System.
AIR-E-1029	Information Provider number must exist and be current at the date of submission in the AIR System.
AIR-E-1030	Invalid Confirmation flag is set but individual has been matched.
AIR-E-1031	Invalid Confirmation flag is set but individual's Medicare Card details and/or Individual Healthcare Identifier have been provided.
AIR-E-1033	Claim Id must be set if this is a confirmation request.
AIR-E-1034	Claim sequence must be set if Claim Id is set.
AIR-E-1035	Individual not found.
AIR-E-1036	Postcode and Locality combination must be valid.
AIR-E-1037	Address line two can only be set if address line one is provided.
AIR-E-1038	Customer Id {dhs-auditId} must be valid format

AIR-E-1039	Minor Id: {dhs-auditId} is not authorised to perform this action for Information Provider {informationProviderNumber}.
AIR-E-1040	Claim Id must NOT be set unless this is a confirmation request.
AIR-E-1041	An error was detected with the Encounter sequencing. The sequence numbers must begin with 1 and increment by one as each Encounter is added.
AIR-E-1042	For confirmation of a new individual, the following information is required, first name or onlyNameIndicator, last name, date of birth, gender, address line one, locality and postcode are required.
AIR-E-1043	Postcode {0} is not a valid postcode.
AIR-E-1044	Individual's AIR registration is not current at the date of service {dateOfService} or cannot be viewed or updated at this time.
AIR-E-1047	Catch-up date cannot be generated for individuals over 20 years.
AIR-E-1048	Medical contraindication reason is invalid for {vaccineCode} vaccine
AIR-E-1049	A natural immunity for this disease has been previously recorded.
AIR-E-1050	End date is before start date. For the supplied field {0} with value {1}, is in the past or incorrect.
AIR-E-1051	End date is required for temporary type. For the supplied field {0} with value {1}, the field{0} is earlier than the start date.
AIR-E-1052	Encounter cannot be found.
AIR-E-1055	Submission date is invalid (or not matched?).
AIR-E-1056	Date of Service cannot be greater than receipt date.
AIR-E-1061	Individual Identifier is invalid or has expired.
AIR-E-1063	Information provider {informationProviderNumber} is not authorised to use this service.
AIR-E-1064	Details are invalid or you are not authorised to update this encounter.
AIR-E-1065	The Acknowledgement field must be selected to change the Additional Vaccines Required Indicator.
AIR-E-1066	For the supplied field {0} with value {1}, is in the past or incorrect.
AIR-E-1067	This action cannot be performed against the individual's record.
AIR-E-1068	Antigen code is invalid.
AIR-E-1069	{0} or {1} is required.
AIR-E-1070	Immunisation provider details should not be supplied for encounters administered overseas.
AIR-E-1079	Country/Region code is required when administeredOverseas is 'true'
AIR-E-1080	Country/Region code should not be supplied unless administered overseas.
AIR-E-1081	Batch number is mandatory for {0} vaccines.
AIR-E-1082	{0} should not be supplied if {1} is 'true'.
AIR-E-1083	A Medical Contraindication for this disease has been previously recorded.

AIR-E-1084	Invalid code for Vaccine type.
AIR-E-1085	Invalid code for Route of administration.
AIR-E-1086	The values supplied for Vaccine funding type and Vaccine code are not compatible.
AIR-E-1087	The values supplied for Route of administration and Vaccine code are not compatible.
AIR-E-1088	{0} is mandatory for {1} vaccines. {0} = field name {1} = supplied vaccine code
AIR-E-1089	Antenatal indicator is mandatory for this encounter.
AIR-E-1090	Vaccine brand is required if you performed this immunisation encounter.
AIR-E-1091	This generic vaccine is only accepted if the immunisation encounter was performed overseas.

3.4 Assessment Reason Codes

These validation reason codes are generated by the Immunisation Assessment Process. This process will check against the individual's existing immunisation history.

The assessment codes and messages will be returned inside the episode information object for the:

- *AIR Record Encounter API (TECH.SIS.AIR.02)*,
- *AIR Individual Immunisation History API* and the *AIR Update Encounter API (TECH.SIS.AIR.05)*.

Note: Some of these validation reason codes will be covered by the AIR-WS response codes.

Reason Code	Message text
AIR-W-0077	<p>Antenatal value may not be valid for this individual.</p> <p>Note: This message is displayed for Record Encounter V1.3 onwards if:</p> <ul style="list-style-type: none"> • vaccineFundingType = AEN or antenatallIndicator = True; AND • The individual is not with female gender or is outside the age range of 10-65 inclusive
AIR-W-0100	Antigen has been administered under the minimum required age
AIR-W-0101	Minimum interval between doses of the same antigen is not met
AIR-W-0102	Duplicate antigen dose
AIR-W-0103	Duplicate antigen dose
AIR-W-0104	Minimum interval between doses of the same antigen is not met
AIR-W-0105	Dose is greater than the maximum allowable dose
AIR-W-0106	Higher dose is already administered by the same provider
AIR-W-0107	Dose administered at greater than recommended schedule age
AIR-W-0108	Dose administered under the recommended schedule age
AIR-W-0109	Higher dose is already administered by a different provider
AIR-W-0110	Period between doses of the same antigen is less than 6 months
AIR-W-0111	Period between doses of the same antigen is less than 6 months
AIR-W-0112	Dose is greater than the maximum allowable dose
AIR-W-0113	Dose given at < schedule age 42 months
AIR-W-0114	Dose given at < schedule age 42 months
AIR-W-0115	Antigen has been administered under the minimum required age
AIR-W-0116	DTP dose 4 already given at < 42 months
AIR-W-0300	Duplicate – this service was previously reported by the same provider
AIR-W-0301	Duplicate – this service was previously reported by another provider
AIR-W-0303	Duplicate history form episode
AIR-W-0305	Greater than 5 episodes given on the same date of service
AIR-W-0334	HepB dose 3 should not be given at less than 15 weeks of age.
AIR-W-0400	Accept and submit to AIR