# Test Report PIR Calculator API Service

# PIR Calculator API

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| **Prescribed Investor Rate** | | |  | **Test Plan** | | **Test Results** | |
| **ID** | **Operation** | **Scenario Description** | **Scenario Type** | **Applicable**  **(Y / N)** | **Exclusion Reason** | **Pass / Fail** | **Notes** |
| **Prescribed Investor Rate** | | | | | | | |
| PIR-OB-001 | pir | On-boarded & authenticated PIE provider submits a valid request using a valid JWT token | Success |  |  |  |  |
| PIR-OB-002 | pir | On-boarded & authenticated PIE provider submits a valid request using a valid OAuth 2 token | Success |  |  |  |  |
| PIR-OB-003 | pir | Missing OAuth or JWT token in the HTTP header Condition: Neither of OAuth or JWT tokens are provided in the request  ErrorCode: EV1025 | | Failure |  |  |  |  |
| PIR-OB-004 | pir | Non-KiwiSaver PIE user with USER access submits a request for a investor with no PIE certificate and name supplied matches a valid customer | Success |  |  |  |  |
| PIR-OB-005 | pir | PIE provider submits a PIR request with both IRD & pieIRD | Success |  |  |  |  |
| PIR-OB-006 | pir | PIE provider submits a PIR request with only IRD ErrorCode: PIR101 | Failure |  |  |  |  |
| PIR-OB-007 | pir | Tax preparer submits a PIR request with only IRD | Success |  |  |  |  |
| PIR-OB-008 | pir | PIR request is made with all optional fields | Success |  |  |  |  |
| PIR-OB-009 | pir | When Investor IRD is either a company/ incorporated society / charity/ PIE, then PIR Rate is returned as NotFound | Success |  |  |  |  |
| PIR-OB-010 | pir | KiwiSaver/ Non kiwisaver PIE investor being a non-resident API returns PIR as 28% | Success |  |  |  |  |
| PIR-OB-011 | pir | KiwiSaver/ Non kiwisaver PIE investor having no return expectations, API returns PIR rate as 10.5% | Success |  |  |  |  |
| PIR-OB-012 | pir | KiwiSaver/ Non kiwisaver PIE investor having total income <= 48K and the total income plus PIE income <= 70K then the PIR returned is 17.5% | Success |  |  |  |  |
| PIR-OB-013 | pir | PIR request with Filing Period of more than 7years ago or with future filing period ErrorCode: PER100 | Failure |  |  |  |  |