

Inland Revenue

Build pack: Return Service— Income Tax Additional Information 2021

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1 Overview

1.1 This solution

Inland Revenue has a suite of digital services available for consumption by our service providers that supports efficient, electronic business interactions with Inland Revenue.

This Return Service - Income Tax Additional Information document is intended as an accompaniment to the Gateway Services Build Pack – Return Service – INC document, which describes the Income Tax Return Service. The two documents should be used in conjunction when developing and maintaining technical solutions for interacting with our Income Tax Return Service.

The additional information provided in this document is intended to support the technical information provided in the build pack. This additional information includes:

- the formulae and individual field items to use when calculating the various subtotalled amounts that are required throughout the income tax returns,
- the business rules that apply for the various tax and tax credit calculations (such as IETC), and
- the applicable income tax rates used for each return type and income year.

Additional information can also be found in the Income Return Guides located at www.ird.govt.nz

1.2 Intended audience

The solution outlined in this document is intended to be used by technical teams and development staff.

The reader is assumed to have a suitable level of technical knowledge in order to understand the information provided. A range of technical terms and abbreviations are used throughout this document, and while most of these will be understood by the intended readers, a [glossary](#) is provided at the end of this document.

1.3 1 April 2021 update - new 39% tax rate and provisional tax impacts

With the enactment of the [Taxation \(Income Tax Rate and Other Amendments\) Act 2020](#) a new top personal income tax rate of 39% applies for the 2021–22 and later income years on annual personal income that exceeds \$180,000.

It is important to note that Inland Revenue is **not** requiring any changes to the way software providers calculate the 2022 provisional tax outcome to reflect the new tax rate; the standard uplift remains at 105% of the 2021 income assessment, and the current calculation logic can continue to be applied with regards to the calculation of 2022 provisional tax.

2 Income Tax operations – Additional Information

2.1 IR3 (Individual income tax return)

Field	Description
totalTaxDeducted	totalTaxDeducted = totalPAYEDeducted - ACC earners' levy - totalExtinguishedTCPDs (2019 onwards) Note: ACC earners levy is totalGrossIncome x ACC earners levy rate Note: There is a maximum amount of earnings on which earners levy is payable and maximum levy payable
ItcAdjustedIncome	ItcAdjustedIncome = ItcIncome totalIncome + ItcNonAllowableDeductions - ItcPriorYearNonAllowableDeductionsClaimed
taxCreditSubtotal	taxCreditSubtotal = totalTaxDeducted + taxDeductedFromSchedularPayments + interestIncome totalTaxPaid + dividendIncome totalRWTCredits + maoriAuthorityDistributions totalMACredits + pieIncome totalTaxCredits (2019 and 2020 only) * + totalTaxPaidByTrustees + partnershipIncome totalTaxCredits + ItcIncome totalTaxCredits + shareholderAIMTaxPaid (2020 onwards) + rlwtCredit (2017 onwards) * pieIncome totalTaxCredits is limited up to the allowable pieIncome totalTaxCredits. The allowable pieIncome totalTaxCredits is calculated as [(tax on taxable income/taxable income) x PIE income]. This limitation is only applicable to 2019 and 2020 returns.
residentialRentalIncome netIncome	residentialRentalIncome netIncome (2020 onwards) = residentialRentalIncome totalIncome (2020 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
residentialRentalIncome excessDeductionsCarried Forward	residentialRentalIncome excessDeductionsCarriedForward (2020 onwards) = residentialRentalIncome residentialRentalDeductions (2020 onwards) + residentialRentalIncome excessDeductionsBroughtForward (2021 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
Amount of loss available to carry forward	The amount of loss available to carry forward to the 2022 year will be reduced by the amount of any lossesClaimedThisYear and any lossCarriedBackPriorYear (2021 only).

Field	Description
totalTaxableIncome	<p>totalTaxableIncome</p> <p>= totalGrossIncome</p> <p>+ netSchedularPayments</p> <p>+ interestIncome totalIncome</p> <p>+ dividendIncome totalGrossDividends</p> <p>+ maoriAuthorityDistributions totalMADistributions</p> <p>+ totalEstateOrTrustIncome</p> <p>+ totalTaxableDistributionFromNCTrusts</p> <p>+ overseasIncome totalIncome</p> <p>+ partnershipIncome totalIncome</p> <p>+ ltcAdjustedIncome</p> <p>+ governmentSubsidies (2021 onwards)</p> <p>+ pieIncome totalIncome (2019 and 2020 only)</p> <p>+ totalShareholderEmployeeSalary</p> <p>+ residentialRentalIncome netIncome (2020 onwards)</p> <p>+ netRentalIncome</p> <p>+ selfEmployedIncome</p> <p>+ saleOfProperty (2019 onwards)</p> <p>+ otherIncome</p> <p>- otherExpenses</p> <p>- lossesClaimedThisYear</p> <p>Note: Field can be reflected as negative amount</p>
amountOfIETCClaimed	<p>"Annual net income" = totalTaxableIncome</p> <p>+ lossesClaimedThisYear</p> <p>If "Annual net income" > \$24,000 and <= \$44,000</p> <p>Then amountOfIETCClaimed = \$520 X numberOfQualifyingMonths / 12</p> <p>Else</p> <p>If "Annual net income" > \$44,000 and <= \$48,000</p> <p>Full year Abatement = (Annual net income - \$44,000) * 0.13</p> <p>Then amountOfIETCClaimed = (\$520 - Full year Abatement) X numberOfQualifyingMonths / 12</p> <p>Otherwise zero</p>
PIE Tax Calculation (See Appendix 8 for PIE tax calculation examples)	<p>Remaining PIE amount = pieIncome totalTaxCredits - (pieIncome totalIncome * correctRate)</p> <p>If (pieIncome totalIncome * correctRate) is less than pieIncome totalTaxCredits, pieCredit will equal the Remaining PIE amount and pieDebit will equal zero.</p>

Field	Description
	<p>If (pieIncome totalIncome * correctRate) is greater than pieIncome totalTaxCredits, then calculate correctRateUsedAllYear.</p> <p>CorrectRateUsedAllYear is true when: correctRate = RateYearEnd and rateChanged is false (from Income API for every PIE returned).</p> <p>If correctRateUsedAllYear is true, pieCredit and pieDebit will both equal zero.</p> <p>If correctRateUsedAllYear is false, pieDebit will equal the Remaining PIE amount and pieCredit will equal zero.</p> <p>pieDebit is included in the taxOnTaxableIncome calculation.</p> <p>pieCredit is included in the residualIncomeTax calculation.</p> <p>(2021 onwards)</p> <p>Note: correctRate can be obtained through the Prescribed Investor Rate (PIR) Calculator Service, or it can be calculated by retrieving the last two years of taxable income and applying the PIR rates table. Choose the lower PIR for the current year.</p>
taxOnTaxableIncome	<p>taxOnTaxableIncome</p> <p>= pieDebit (2021 onwards)</p> <p>+ totalTaxableIncome x Individual Tax Rates (except where totalTaxableIncome is a negative amount; then treat as zero)</p> <p>Note Need to exclude totalTaxableDistributionFromNCTrusts from totalTaxableIncome when calculating taxOnTaxableIncome. This is then calculated in residualIncomeTax</p>
residualIncomeTax	<p>residualIncomeTax</p> <p>= taxOnTaxableIncome</p> <p>+ (totalTaxableDistributionFromNCTrusts x Non complying trust rate)</p> <p>- amountOfIETCclaimed</p> <p>- overseasIncome totalTaxPaid</p> <p>- dividendIncome totalImputationCredits</p> <p>- imputationBroughtForward</p> <p>- researchAndDevelopment nonrefundableCredit (2020 onwards)</p> <p>Where the sum of the above fields is:</p> <ul style="list-style-type: none"> negative (a loss) then = 0 (zero) positive then = sum of the key points <p>Then deduct refundable tax credits</p> <p>- researchAndDevelopment refundableCredit (2020 onwards)</p> <p>- taxCreditSubtotal</p> <p>- pieCredit (2021 onwards)</p>

Field	Description
Student Loan Assessment Calculation	<p>Student Loan Assessment = $(Adjusted\ net\ income - Unused\ repayment\ threshold) * Repayment\ rate$, where:</p> <p><i>Adjusted net income</i> =</p> <ul style="list-style-type: none"> totalGrossIncome (Include + netSchedularPayments + interestIncome totalIncome + dividendIncome totalGrossDividends + maoriAuthorityDistributions totalMADistributions + totalEstateOrTrustIncome + totalTaxableDistributionFromNCTrusts + overseasIncome totalIncome + partnershipIncome totalIncome + ltcAdjustedIncome + pieIncome totalIncome (2019 and 2020 only) + totalShareholderEmployeeSalary + residentialRentalIncome netIncome (2020 onwards) + netRentalIncome + selfEmployedIncome + saleOfProperty (2019 onwards) + governmentSubsidies (2021 onwards) + otherIncome - otherExpenses <p>= Adjusted net income prior to Student Loan adjustment.</p> <p>If 'Adjusted net income prior to Student Loan adjustment' is a negative value, set it to 0.</p> <p>+ Total adjusted net income for Student Loans = Student Loan net adjusted income.</p> <p>Student Loan adjusted net income =</p> <ul style="list-style-type: none"> + amountOfLosses (IR215) + attributableTrusteeIncome (IR215) + attributableFringeBenefits (IR215) + nonLockedInPIEIncome (IR215) + pensionsAndAnnuities (IR215) + incomeEqualisationMainSchemeDeposits (IR215) + taxExemptIncome (IR215) + retirementContributions (IR215 2021 onwards) + depreciationRecovered (IR215 2021 onwards) <p>Net adjustment for share of company income</p> <ul style="list-style-type: none"> + distributionsFromRetirementSavings (IR215) + taxExemptOverseasPensions (IR215)

Field	Description
	<ul style="list-style-type: none"> + employerProvidedVehicle (IR215) + voucherAndOtherSTCF (IR215) + nonResidentForeignSourcedIncome (IR215 prior to 2020 then uses WWI return) + distributionFromTrusts (IR215) + incomeFromPIE (IR215 prior to 2021) + sIncomeEqualisationMainSchemeRefunds (IR215) + Attributed income of a major shareholder in a close company calculation (IR215) + Attributed dependent child/children's income of a major shareholder in a close company calculation (IR215 2021 onwards) <p>Unused repayment threshold = (Annual Repayment threshold - totalGrossIncome, excluding salary and wages from casual agricultural work (CAE) and election day work (EDW))</p> <p>However if (Adjusted net income - Unused repayment threshold) < \$500, SL.Loan_Assessment = 0.</p> <p>If Interim_Repay_Option is S: SL.Interim_Repay = SL.Loan_Assessment*1.05, however if < \$1,000, SL.Interim_Repay = 0.</p> <p>If Interim_Repay_Option is E: Enter the amount of the estimate.</p> <p>If Interim_Repay_Option is N: Value is zero</p>
governmentSubsidies	<p>The governmentSubsidies field is for customers who received a COVID-19 Wage subsidy from MSD as a self-employed worker, where tax was not deducted at source and passed on to Inland Revenue, e.g. via payroll. The full amount received for the income period (minus any amounts that may have been returned to MSD) should be entered into the governmentSubsidies field.</p>

2.2CALC

Totals are automatically calculated by IR and passed back in calculatedFields.

Only field needed to provide for FILE request is nonBusinessExpenses

2.3IR3NR (Non-resident individual income tax return)

Field	Description
totalNRWT	totalNRWT = nrwtOnTotalInterest + nrwtOnTotalDividends + nrwtOnTotalRoyalties
ltcAdjustedIncome	ltcAdjustedIncome = ltcIncome totalIncome + ltcNonAllowableDeductions - ltcPriorYearNonAllowableDeductionsClaimed
otherCredits	otherCredits = nzIncomeWithTaxDeducted totalTaxPaid + maoriAuthorityDistributions totalMACredits + partnershipIncome totalTaxCredits + estateTrustIncome totalTaxCredits + ltcIncome totalTaxCredits
residentialRentalIncome netIncome	residentialRentalIncome netIncome (2020 onwards) = residentialRentalIncome totalIncome (2020 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
residentialRentalIncome excessDeductionsCarried Forward	residentialRentalIncome excessDeductionsCarriedForward (2020 onwards) = residentialRentalIncome residentialRentalDeductions (2020 onwards) + residentialRentalIncome excessDeductionsBroughtForward (2021 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
Amount of loss available to carry forward	The amount of loss available to carry forward to the 2022 year will be reduced by the amount of any lossesClaimedThisYear and any lossCarriedBackPriorYear (2021 only).
totalTaxableIncome	totalTaxableIncome = nzIncomeWithTaxDeducted totalIncome + maoriAuthorityDistributions totalMADistributions + pieIncome totalIncome (2019 onwards) + partnershipIncome totalIncome + estateTrustIncome totalIncome + ltcAdjustedIncome + governmentSubsidies (2021 onwards) + residentialRentalIncome netIncome (2020 onwards) + netRentalIncome + selfEmployedIncome + saleOfProperty (2019 onwards) + otherIncome

Field	Description
	<ul style="list-style-type: none"> - otherExpenses - lossesClaimedThisYear <p>Note: Field can be reflected as negative amount</p>
taxOnTaxableIncome	<p>Where totalTaxableIncome is a negative amount then</p> <p>taxOnTaxableIncome is 0 (zero)</p> <p>Otherwise</p> <p>calculate taxOnTaxableIncome using totalTaxableIncome and Individual Tax Rates</p>
residualIncomeTax	<p>residualIncomeTax</p> <p>= taxOnTaxableIncome</p> <p>+ totalNRWT</p> <p>- imputationBroughtForward</p> <p>- researchAndDevelopment nonrefundableCredit (2020 onwards)</p> <p>Where the sum of the above fields:</p> <ul style="list-style-type: none"> • negative (a loss) then = 0 (zero) • positive then = sum of the key points <p>Then deduct refundable tax credits</p> <ul style="list-style-type: none"> - researchAndDevelopment refundableCredit (2020 onwards) - totalTaxCredits - otherCredits - pieIncome totalTaxCredits (2019 onwards) * - rlwtCredit (2017 onwards) <p>* PIE tax credits can only be used to the extent of the New Zealand tax payable on the PIE attributed income.</p>
Tax Credit Payroll Donations	<p>Tax credit payroll donations (TCPD) and extinguished TCPD cannot be included in the IR3NR return. This should be disclosed as totalTaxPaid less extinguished credits.</p>
Excess imputation credits brought forward	<p>The imputationBroughtForward field in the IR3NR is to allow customers to bring forward excess imputation credits returned on their IR3 the prior year, when they are now an IR3NR filer. IR allows customers to claim this credit on the IR3NR, but it will be manually reviewed.</p>

2.4IR4 (Companies income tax return)

Field	Description
overseasIncome totalTaxPaid	Amount of overseasIncome totalTaxPaid is limited to taxOnTaxableIncome
totalTaxCredits Total Tax Credits (Calculation field)	totalTaxCredits = schedularPayments withholdingTaxDeducted + interestIncome totalTaxPaid + pieIncome totalTaxCredits (2019 onwards) + dividendIncome totalRWTCredits + maoriAuthorityDistributions totalMACredits + partnershipEstateTrustIncome totalTaxCredits
residentialRentalIncome netIncome	residentialRentalIncome netIncome (2020 onwards) = residentialRentalIncome totalIncome (2020 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
residentialRentalIncome excessDeductionsCarried Forward	residentialRentalIncome excessDeductionsCarriedForward (2020 onwards) = residentialRentalIncome residentialRentalDeductions (2020 onwards) + residentialRentalIncome excessDeductionsBroughtForward (2021 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
Amount of loss available to carry forward	The amount of loss available to carry forward to the 2022 year will be reduced by the amount of any lossesClaimedThisYear and any lossCarriedBackPriorYear (2021 only).
totalTaxableIncome	totalTaxableIncome = schedularPayments totalIncome + interestIncome totalIncome + pieIncome totalIncome (2019 onwards) + dividendIncome totalGrossDividends + maoriAuthorityDistributions totalMADistributions + partnershipEstateTrustIncome totalIncome + overseasIncome totalIncome + residentialRentalIncome netIncome (2020 onwards) + businessOrRentalIncome + saleOfProperty (2019 onwards) + otherIncome - donationsMade - lossesClaimedThisYear + netLossesToFrom + subventionPaymentsToFrom

Field	Description
	<p>For agent non-resident insurer customer</p> <p>totalTaxableIncome = totalTaxablePremium</p> <p>Note: Field can be reflected as negative amount</p>
taxOnTaxableIncome	<p>Where totalTaxableIncome is a negative amount then</p> <p>taxOnTaxableIncome is 0 (zero)</p> <p>Otherwise</p> <p>taxOnTaxableIncome = totalTaxableIncome X Companies Tax rate</p>
residualIncomeTax	<p>residualIncomeTax = taxOnTaxableIncome - overseasIncome totalTaxPaid - foreignInvestorTaxCredit - dividendIncome totalImputationCredits - researchAndDevelopment nonrefundableCredit (2020 onwards)</p> <p>Where the sum of the above fields:</p> <ul style="list-style-type: none"> • negative (a loss) then = 0 (zero) • positive then = sum of the key points <p>Then deduct refundable tax credits</p> <ul style="list-style-type: none"> - researchAndDevelopment refundableCredit (2020 onwards) - Total Tax Credits - rlwtCredit (2017 onwards) <p>Note: Field can be reflected as negative amount</p>
Shareholder Subvention Payments	<p>The total amount entered into shareholder subventionPayments must equal the amount entered into subventionPaymentsToFrom</p> <p>Any mismatches will result in the return falling into assessment review as the distributed amounts do not equal the amount available</p>

2.5IR4J (Annual imputation return)

Field	Description
closingBalance	<p>closingBalance</p> <p>= openingBalance</p> <p>- incomeTaxPaid</p> <p>- totalFDPPaid</p> <p>- totalRWTONInterest</p> <p>- imputationAndFDPCredits</p> <p>- otherCredits</p> <p>+ incomeTaxRefunded</p> <p>+ totalFDPRefunds</p> <p>+ imputationCreditsAttached</p> <p>+ otherDebits</p> <p>Note: Field can be reflected as negative amount</p>
furtherIncomeTaxPayable	

2.6IR6 (Estate or trust income tax return)

Field	Description
dividendIncome totalImputationCredits	dividendIncome totalImputationCredits cannot be greater than 28% of dividendIncome totalGrossDividends
ItcAdjustedIncome	This is either an assessable profit or a claimable loss. ItcAdjustedIncome = ItcIncome totalIncome + ItcNonAllowableDeductions - ItcPriorYearNonAllowableDeductionsClaimed
residentialRentalIncome netIncome	residentialRentalIncome netIncome (2020 onwards) = residentialRentalIncome totalIncome (2020 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
residentialRentalIncome excessDeductionsCarried Forward	residentialRentalIncome excessDeductionsCarriedForward (2020 onwards) = residentialRentalIncome residentialRentalDeductions (2020 onwards) + residentialRentalIncome excessDeductionsBroughtForward (2021 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
totalTaxCredits	totalTaxCredits = interestIncome totalTaxPaid + dividendIncome totalRWTCredits + maoriAuthorityDistributions totalMACredits + partnershipEstateTrustIncome totalTaxCredits + overseasIncome totalTaxPaid + pieIncome totalTaxCredits (2019 onwards) + ItcIncome totalTaxCredits + otherIncome totalTaxCredits
beneficiaryIncome	This is total of all beneficiaries beneficiary taxableIncome
trusteeIncome	trusteeIncome = interestIncome totalIncome + dividendIncome totalGrossDividends + maoriAuthorityDistributions totalMADistributions + partnershipEstateTrustIncome totalIncome + overseasIncome totalIncome + pieIncome totalIncome (2019 onwards) + ItcAdjustedIncome + residentialRentalIncome netIncome (2020 onwards) + businessOrRentalIncome + selfEmployedIncome + saleOfProperty (2019 onwards) + otherIncome totalIncome - beneficiaryIncome Note: Field cannot be negative amount

Field	Description
Amount of loss available to carry forward	The amount of loss available to carry forward to the 2022 year will be reduced by the amount of any lossesClaimedThisYear and any lossCarriedBackPriorYear (2021 only).
totalTrusteeIncome	totalTrusteeIncome = trusteeIncome - totalExpensesClaimed - lossesClaimedThisYear Note: Field cannot be negative amount
taxOnTrusteeIncome	taxOnTrusteeIncome = totalTrusteeIncome x Trustee tax Rate
trusteeShareOfOverseasTaxPaid	trusteeShareOfOverseasTaxPaid = overseasIncome totalTaxPaid - beneficiary overseasTaxPaid (total beneficiaries)
trusteeShareOfDivImpCredits	Total imputation credits less imputations credits allocated to beneficiaries
trusteeShareOfTaxCredits	This includes trustee share of: interestIncome totalTaxPaid dividendIncome totalRWTCredits partnershipEstateTrustIncome totalTaxCredits pieIncome totalTaxCredits (2019 onwards) ltcIncome totalTaxCredits otherIncome totalTaxCredits rlwtCredit (2017 onwards)
taxOnTrusteeIncomeLessCredits	taxOnTrusteeIncomeLessCredits = taxOnTrusteeIncome - trusteeShareOfOverseasTaxPaid - trusteeShareOfDivImpCredits - researchAndDevelopment nonrefundableCredit (2020 onwards) Where the sum of the above fields: <ul style="list-style-type: none"> • negative (a loss) then = 0 (zero) • positive then = sum of the key points Then <ul style="list-style-type: none"> - researchAndDevelopment refundableCredit (2020 onwards) - trusteeShareOfTaxCredits
residualIncomeTax	residualIncomeTax = taxOnTrusteeIncomeLessCredits - beneficiary beneficiaryTaxPayable (total beneficiaries)
beneficiary taxableIncome	beneficiary taxableIncome = beneficiary shareOfInterestIncome + beneficiary shareOfDividendsIncome + beneficiary shareOfMADistributionsIncome + beneficiary shareOfOverseasIncome

Field	Description
	+ beneficiary shareOfOtherIncome
beneficiary taxLessOverseasTaxPaid	beneficiary taxLessOverseasTaxPaid = beneficiary taxOnTaxableIncome - beneficiary overseasTaxPaid
beneficiary taxLessDividendImputationCredit	beneficiary taxLessDividendImputationCredit = beneficiary taxLessOverseasTaxPaid - beneficiary taxLess dividendImputationCredit Note: If beneficiary dividendImputationCredit is greater than beneficiary taxLessOverseasTaxPaid, then beneficiary taxLessDividendImputationCredit = 0 (zero)
beneficiary taxLessOtherPaidTaxCredits	beneficiary taxLessOtherPaidTaxCredits = beneficiary taxLessDividendImputationCredit - beneficiary otherPaidTaxCredits
beneficiary beneficiaryTaxPayable	beneficiary beneficiaryTaxPayable = beneficiary taxLessOtherPaidTaxCredits + beneficiary taxOnDistributionByNonComplyingTrust
Error Code 2075	An example of error code 2075 is where: Tax is paid by the Trust, and any of the beneficiary tax fields are non-zeros. The beneficiary tax fields are any of the following: beneficiary taxOnTaxableIncome beneficiary taxLessOverseasTaxPaid beneficiary taxLessDividendImputationCredit beneficiary taxLessOtherPaidTaxCredits beneficiary taxOnDistributionByNonComplyingTrust beneficiary beneficiaryTaxPayable

2.7IR7 (Partnerships and look-through companies income tax return)

Field	Description
ItcAdjustedIncome	This is either an assessable profit or a claimable loss. $\begin{aligned} \text{ItcAdjustedIncome} &= \text{ItcIncome totalIncome} \\ &+ \text{ItcNonAllowableDeductions} \\ &- \text{ItcPriorYearNonAllowableDeductionsClaimed} \end{aligned}$
residentialRentalIncome totalIncome	This must match sum of all incomeAttribution shareOfResidentialRentalIncome
residentialRentalIncome residentialRentalDeductions	This must match sum of all incomeAttribution shareOfResidentialRentalDeductions
totalIncome	$\begin{aligned} \text{totalTaxableIncome} &= \text{schedularPayments totalIncome} \\ &+ \text{interestIncome totalIncome} \\ &+ \text{pieIncome totalIncome (2019 onwards)} \\ &+ \text{dividendIncome totalGrossDividends} \\ &+ \text{maoriAuthorityDistributions totalMADistributions} \\ &+ \text{partnershipEstateTrustIncome totalIncome} \\ &+ \text{overseasIncome totalIncome} \\ &+ \text{residentialRentalIncome netIncome (2020 onwards)} \\ &+ \text{businessIncome} \\ &+ \text{netRentalIncome} \\ &+ \text{saleOfProperty (2019 onwards)} \\ &+ \text{otherIncome} \end{aligned}$
totalIncomeLossAfterExpenses	$\begin{aligned} \text{totalIncomeLossAfterExpenses} &= \text{totalIncome} \\ &- \text{totalExpenses} \end{aligned}$
incomeAttribution totalIncome	$\begin{aligned} \text{incomeAttribution totalIncome} &= \text{incomeAttribution shareOfInterestIncome} \\ &+ \text{incomeAttribution shareOfDividendIncome} \\ &+ \text{incomeAttribution shareOfMADistribution} \\ &+ \text{incomeAttribution shareOfOverseasIncome} \\ &+ \text{incomeAttribution shareOfResidentialRentalIncome} \\ &+ \text{incomeAttribution shareOfRentalIncome} \\ &+ \text{incomeAttribution shareOfPassiveIncome} \\ &+ \text{incomeAttribution shareOfOtherIncome} \end{aligned}$
incomeAttribution shareOfOverseasTaxPaid overseasIncome totalTaxPaid	This include share of overseasIncome totalTaxPaid
incomeAttribution shareOfImputationCredits	This include share dividendIncome totalImputationCredit

Field	Description
incomeAttribution shareOfOtherTaxCredits	<p>This should include share of following tax credits:</p> <ul style="list-style-type: none"> • schedularPayments withholdingTaxDeducted • interestIncome totalTaxPaid • dividendIncome totalIRWTCredit • maoriAuthorityDistributions totalMACredits • partnershipIncome totalTaxCredits • ltcIncome totalTaxCredits • pieIncome totalTaxCredits (2019 onwards) • rlwtCredit (2017 onwards)
Joint Investment Income	<p>If an investment is held as a joint investment of two individuals, the individuals should include the investment income in their IR3 returns, not the IR7 return, even if the individuals are partners of a partnership.</p> <p>If an investment is a joint investment of an individual and a partnership, the investment income should be included on the IR3 return for one investor and the IR7 return for the other.</p>

2.8IR8 (Māori authorities income tax return)

Field	Description
residentialRentalIncome netIncome	residentialRentalIncome netIncome (2020 onwards) = residentialRentalIncome totalIncome (2020 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
residentialRentalIncome excessDeductionsCarried Forward	residentialRentalIncome excessDeductionsCarriedForward (2020 onwards) = residentialRentalIncome residentialRentalDeductions (2020 onwards) + residentialRentalIncome excessDeductionsBroughtForward (2021 onwards) - residentialRentalIncome deductionsClaimedThisYear (2020 onwards)
Amount of loss available to carry forward	The amount of loss available to carry forward to the 2022 year will be reduced by the amount of any lossesClaimedThisYear and any lossCarriedBackPriorYear (2021 only).
totalTaxableIncome	totalTaxableIncome = residentialRentalIncome netIncome (2020 onwards) + saleOfProperty (2020 onwards) + grossInterest + grossDividends + maoriAuthorityDistributions + netRentalIncome + netTradingIncome + otherIncome + adjustmentsOutsideFinancialAccounts - donationDeductions - lossesBroughtForward Note: Field can be reflected as negative amount
taxOnTaxableIncome	Where totalTaxableIncome is a negative amount then taxOnTaxableIncome is 0 (zero) Otherwise calculate totalTaxableIncome x 0.175
residualIncomeTax	residualIncomeTax = taxOnTaxableIncome - overseasTaxPaid - dividendImputationCredits - researchAndDevelopment nonrefundableCredit (2020 onwards) Where the sum of the above fields is: <ul style="list-style-type: none"> • negative (a loss) then = 0 (zero) • positive then = sum of the key points Then deduct refundable tax credits <ul style="list-style-type: none"> - totalRWTDEDucted - rlwtCredit (2017 onwards)

Field	Description
-	otherTaxCredits

2.9IR8J (Maori authority credit account return)

Field	Description
closingBalance	closingBalance = openingBalance - incomeTaxPaid - totalFDPPaid (Prior 2018) - totalRWTONInterest - imputationAndFDPCredits - otherCredits + incomeTaxRefunded + totalFDPRefunds (Prior 2018) + imputationCreditsAttached + otherDebits Note: Field can be reflected as negative amount
furtherIncomeTaxPayable	furtherIncomeTaxPayable = closingBalance Note: Field cannot be negative amount
fdpReturn fdpClosingBalance (Prior 2018)	fdpReturn fdpClosingBalance (Prior 2018) = fdpReturn fdpOpeningBalance (Prior 2018) - fdpReturn fdpPaid (Prior 2018) - fdpReturn fdpCreditsAttachedReceived (Prior 2018) + fdpReturn fdpCreditsAttachedPaid(Prior 2018) + fdpReturn fdpRefunded (Prior 2018) + fdpReturn fdpOtherDebits (Prior 2018)

2.10 IR9 (Clubs or societies income tax return)

Field	Description
residentialRentalIncome netIncome	$\text{residentialRentalIncome netIncome (2020 onwards)}$ $= \text{residentialRentalIncome totalIncome (2020 onwards)}$ $- \text{residentialRentalIncome deductionsClaimedThisYear (2020 onwards)}$
residentialRentalIncome excessDeductionsCarried Forward	$\text{residentialRentalIncome excessDeductionsCarriedForward (2020 onwards)}$ $= \text{residentialRentalIncome residentialRentalDeductions (2020 onwards)}$ $+ \text{residentialRentalIncome excessDeductionsBroughtForward (2021 onwards)}$ $- \text{residentialRentalIncome deductionsClaimedThisYear (2020 onwards)}$
Amount of loss available to carry forward	The amount of loss available to carry forward to the 2022 year will be reduced by the amount of any lossesClaimedThisYear and any lossCarriedBackPriorYear (2021 only).
netIncome	netIncome $= \text{residentialRentalIncome netIncome (2020 onwards)}$ $+ \text{saleOfProperty (2020 onwards)}$ $+ \text{friendlyNetIncome (for F society type)}$ $+ \text{interest (for X or A society type)}$ $+ \text{dividends (for X or A society type)}$ $+ \text{taxableMADistributions (for X or A society type)}$ $+ \text{otherIncome (for X or A society type)}$ $- \text{incomeTaxDeductionForNonProfit}$ $- \text{donationsDeduction}$ <p>Note: Field can be reflected as negative amount</p>
donationsDeduction	Donation amount is limited to positive amount of net income
totalTaxableIncome	$\text{totalTaxableIncome}$ $= \text{netIncome}$ $- \text{lossesBroughtForward}$ <p>Note: Field can be reflected as negative amount, but lossesBroughtForward amt will only reduce totalTaxableIncome by positive netIncome</p>
taxOnTaxableIncome	<p>Where totalTaxableIncome is a negative amount then</p> $\text{taxOnTaxableIncome is 0 (zero)}$ <p>Otherwise</p> $\text{taxOnTaxableIncome}$ $= \text{totalTaxableIncome}$ $\times \text{Clubs or Societies tax rate}$
residualIncomeTax	residualIncomeTax $= \text{taxOnTaxableIncome}$ $- \text{overseasTaxPaid}$

Field	Description
	<ul style="list-style-type: none"> - imputationCreditsReceived - imputationBroughtForward - researchAndDevelopment nonrefundableCredit (2020 onwards) <p>Where the sum of the above fields is:</p> <ul style="list-style-type: none"> • negative (a loss) then = 0 (zero) • positive then = sum of the key points <p>Then deduct refundable tax credits</p> <ul style="list-style-type: none"> - totalRWTWithheld - rlwtCredit (2017 onwards) - otherTaxCredits

2.11 IR44 (Registered superannuation funds income tax return)

Field	Description
residentialRentalIncome netIncome	$\text{residentialRentalIncome netIncome (2021 onwards)}$ $= \text{residentialRentalIncome totalIncome (2021 onwards)}$ $- \text{residentialRentalIncome deductionsClaimedThisYear (2021 onwards)}$
residentialRentalIncome excessDeductionsCarried Forward	$\text{residentialRentalIncome excessDeductionsCarriedForward (2021 onwards)}$ $= \text{residentialRentalIncome residentialRentalDeductions (2021 onwards)}$ $+ \text{residentialRentalIncome excessDeductionsBroughtForward (2022 onwards)}$ $- \text{residentialRentalIncome deductionsClaimedThisYear (2021 onwards)}$
Amount of loss available to carry forward	The amount of loss available to carry forward to the 2022 year will be reduced by the amount of any lossesClaimedThisYear and any lossCarriedBackPriorYear (2021 only).
totalTaxableIncome	$\text{totalTaxableIncome}$ $= \text{residentialRentalIncome netIncome (2021 onwards)}$ $+ \text{saleOfProperty (2020 onwards)}$ $+ \text{fundIncome}$ $+ \text{totalDeductionsFromOtherSchemes}$ $+ \text{deductionsTreatedAsCapitalOnDisposal}$ $+ \text{deductionsTreatedAsRevenueOnDisposal}$ $+ \text{totalDeductionsToOtherSchemes}$ $+ \text{additionsTreatedAsCapitalOnDisposal}$ $+ \text{additionsTreatedAsRevenueOnDisposal}$ $- \text{lossesBroughtForward}$ <p>Note: Field can be reflected as negative amount</p>
taxOnTaxableIncome	Where totalTaxableIncome is a negative amount then $\text{taxOnTaxableIncome is 0 (zero)}$ Otherwise $\text{calculate totalTaxableIncome} \times 0.28$
residualIncomeTax	residualIncomeTax $= \text{taxOnTaxableIncome}$ $- \text{overseasTaxCredit}$ $- \text{imputationCredits}$ $- \text{researchAndDevelopment nonrefundableCredit (2020 onwards)}$ <p>Where the sum of the above fields is:</p> <ul style="list-style-type: none"> negative (a loss) then = 0 (zero) positive then = sum of the key points <p>Then deduct refundable tax credits</p> $- \text{researchAndDevelopment refundableCredit (2020 onwards)}$

Field	Description
	- rwtAndOtherTaxCredits
	- rlwtCredit (2017 onwards)

2.12 IR3B (Schedule of business income)

Field	Description
totalExpenses	totalExpenses
	= accLevies
	+ advertising
	+ badDebts
	+ communication
	+ depreciation
	+ entertainment
	+ homeOffice
	+ insurance
	+ interest
	+ legalAndAccounting
	+ motorVehicle
	+ power
	+ rentAndRates
	+ repairsAndMaintenance
	+ salaryAndWages
	+ travelAndAccommodation
	+ other amount (total)
netIncome	netIncome
	= salesAmount
	- openingStockAmount
	- purchasesAmount
	+ closingStockAmount
	+ otherIncome
	- totalExpenses
	+ gainOrLossOnDisposal

2.14 IR3R (Rental income schedule)

Field	Description
totalIncome	totalIncome = totalRents + otherIncomeAmount + gainLossOnDisposal
totalExpenses	= ratesAmount + insuranceAmount + interestAmount + agentFeesAmount + repairsAndMaintenanceDetails other amount + otherExpensesDetails other amount + buildingDepreciation + assetDepreciation
netRentalIncome	= totalIncome - totalExpenses

2.15 IR10 (Financial statements summary)

Field	Description
totalIncome	totalIncome = grossProfit + interestReceived + dividendsReceived + rentLeaseLicenceIncome + otherIncome
totalExpenses	totalExpenses = badDebts + depreciationAndAmortisation + insurance + interestExpense + fees + rates + rentsLeasesLicences + repairsAndMaintenance + researchAndDevelopment + relatedPartyRemuneration + salariesAndWages + contractorPayments + otherExpenses
netProfitLossBeforeTax	netProfitLossBeforeTax = totalIncome - totalExpenses + exceptionalItems
currentYearTaxableProfit Loss	currentYearTaxableProfitLoss = netProfitLossBeforeTax + taxAdjustments
totalAssets	totalAssets = accountsReceivable + cashAndDeposits + otherCurrentAssets + vehicles + plantAndMachinery + furnitureAndFittings + land + buildings + otherFixedAssets + intangibles + sharesAndOwnershipInterests + termDeposits + otherNonCurrentAssets
totalCurrentLiabilities	totalCurrentLiabilities = provisions + accountsPayable + currentLoans

Field	Description
	+ otherCurrentLiabilities
totalLiabilities	totalLiabilities
	= totalCurrentLiabilities
	+ nonCurrentLiabilities
ownersEquity	ownersEquity
	= totalAssets
	- totalLiabilities

2.16 IR833 (Property sale information)

Field	Description
totalCosts	totalCosts = purchasePrice + deductibleCosts
netProfitLoss	netProfitLoss = salePrice - totalCosts Note: This field is not used for FILE operation.
shareOfNetProfit	shareOfNetProfit = shareOfNetProfit X shareOfOwnership / 100 Note: This field is not used for FILE operation.

2.17 Donation Tax Credits

Field/Rule	Description
Partner Donation Tax Credit Fields – purpose and usage	<p>The purpose of the partner fields is to allow the taxpayer to share or split a portion of a donation with another person/partner. E.g. If \$1000 was donated towards a child's school, and the mother paid \$700 and the father paid \$300, then the donations amount filed for the mother under 'SchoolKindergartenDonations' should be \$1000, then 'partnerSchoolKindergartenDonations' should be \$300. Inland Revenue will automatically process the \$300 for the father, without requiring the father to file another return/claim.</p> <p>If a customer splits a donation with a partner, the partner is not required to file another return. Inland Revenue will automatically process the partner's split amount from the original submission.</p> <p>For example, in the following scenario:</p> <p>schoolKindergartenDonations = 500 partnerSchoolKindergartenDonations = 100 totalReceiptAmount = 400 taxCreditClaimAmount = 133.33 partnerIRD = REQUIRED</p> <p>If the above is a 'file' request, the totalReceiptAmount and taxCreditClaimAmount fields are not being used and should not be supplied as per the Build Pack instructions.</p> <p>Then, when the return is retrieved for the Donee, the fields would show as follows:</p> <p>schoolKindergartenDonations \$400 religiousOrganisationDonations \$0 doneeOrganisationsDonations \$0 totalReceiptAmount \$400 taxCreditClaimAmount \$133.33</p> <p>Then, without the partner being required to file another IR526, at the time of processing the Donee IR526, Inland Revenue will automatically process the partners' IR526. When the return is retrieved for the Donee's partner, Inland Revenue will return the fields as follows:</p> <p>schoolKindergartenDonations \$100 religiousOrganisationDonations \$0 doneeOrganisationsDonations \$0 totalReceiptAmount \$100 taxCreditClaimAmount \$33.33</p>
Partner Donation Tax Credits – maximum amount	<p>There is no maximum amount that can be transferred to a partner – up to 100% of a donation can be transferred. This may apply in cases where one partner's name is on the donation receipt, but because that person doesn't earn taxable income, the whole claim needs to be applied to the partner who is the family income earner.</p>

Field/Rule	Description
Partner Donation Tax Credits – previously processed returns	<p>If a portion of a donation is being transferred to a partner, but the partner's return has already been processed for the period, Inland Revenue will re-evaluate the partner's return to include the additional donation amount/s.</p> <p>For example: If a mother donated \$1000 and \$600 and split 50% with the father, then Inland Revenue will calculate it to be total donations tax credits of \$266.67 under both the mother and the father. If the father already had \$333.33 from the previous \$1000 that he did not split with the mother, then Inland Revenue would re-evaluate the father's return to include the additional donations, giving a new total of \$1800 (\$1000 + \$800 split from mum), resulting in a tax credit of \$600.</p>
Partner Donation Tax Credits – retrieveReturn	<p>The retrieveReturn operation allows a call for the REB return on a period, however the partner's information will not be shown, even if it was included in the submission. As per the Build Pack instructions, to view the partner's return information, a retrieveReturn must be done on the partner's account.</p> <p>In cases where the partner is not linked to the agency, the partner's return information can be derived from the primary return. Using the example described above, when retrieving the mother's return, it would show total donations of \$1600, but the tax credit would only be \$266.67. The remaining tax credit amount would have been allocated to the father.</p>

3 Additional Information Applicable to All Returns

3.1 Optional Fields

If the field is defined as optional in the schema, it can be omitted altogether: no null value, no value specified. If the field is required but a value isn't held, Inland Revenue requires that a zero is entered in the field (unless there is an error code condition that the value must be greater than zero).

3.2 Retrieve Return

1. When a return is submitted via GWS, Inland Revenue can only retrieve the return once it has been processed by START (status 200).
2. Refunds are not displayed in the retrieve return response as START rules may override the requests made.
3. If an amendment to the return is done via myIR, Inland Revenue will get the updated details when the return is retrieved again.

3.3 Transfers – Effective Dates

1. Transfer to same/associated person effective date

When the customer does not specify a transfer date, Inland Revenue's policy is to transfer credits at the date (allowable by TAA section 173M) that:

1. Maximises credit use of money interest (generally today's date), and/or
2. Minimises debit use of money interest and/or late payment penalties. This would be the later of:
 - The due date for the debit that is incurring penalties or debit UOMI
 - The date the credit became available:
 - Credit assessment: Use the effective date of the return credit transaction
 - Payment or inward transfer: Use the effective date of that transaction
 - Credit UOMI: Always transfer at today's date

For requests to transfer income tax paid in excess of the amount properly payable to a date earlier in time, either to a different period within the taxpayer's income tax account or to a period within another taxpayer's account, and the effect on imputation credit accounts of actioning that request, refer to the Op Info article issued on 5 February 2020 - Part 10B transfers of excess tax, effective date for ICA entries.

2. Transfer to non-associated taxpayer effective date

For transfers between non-associated taxpayers, the transfer date will remain the later of:

- The day the transfer was requested
- The day after the relevant return was filed for the period in which the refund arose.

3. GST transfers on or after 1 April 2018 - effective date

The effective date for transferring a GST refund arising in periods ending on or after 1 April 2018 will now depend on when the GST return is filed:

GST return filed	Effective Date
Before the due date	Refund can only be transferred on the earlier of: <ul style="list-style-type: none"> • The day after the return was filed • The day after the end of the GST return period where the transfer is coming from.
On the due date	Refund can only be transferred on the day after the end of the GST return period.
After the due date	Refund can only be transferred on the day after the return was filed.
Not an associated customer	Transfer date will remain the later of: <ul style="list-style-type: none"> • The date the transfer was requested, • The day after the relevant return was filed for the period in which the refund arose.

3.4 Transfers – Tax Credit Claims (REB)

Despite sections 173L and 173M, if a taxpayer makes a request to transfer a refund arising from a tax credit referred to in section 41A, the taxpayer may choose only the later of the following dates:

1. A date that occurs on or after the date of the request; and
2. A date that occurs after the date on which the taxpayer applies for a refund under section 41A

3.5 Transfers – Requests to/from specific accounts

AIM Shareholder provisional tax payment transfer requests:

For the end of year process for 31 March 2019 the AIM company will notify Inland Revenue of the amounts to be transferred and whom to transfer them to.

3.6 Gross Dividends – error rules

- dividendIncome: totalImputationCredits cannot be greater than 28% of the dividendIncome: totalGrossDividends
- the sum of dividendIncome: totalImputationCredits and dividendIncome: totalRWTCredits cannot be greater than 33% of dividendIncome: totalGrossDividends

3.7 Scenarios That Can Put a Return into Review

- The lossesBroughtForward amount does not match the previous return.
- The imputationBroughtForward amount does not match the previous return.
- The rlwtCredit amount is higher than the allowable rlwtCredit.
- The overseasIncome: totalTaxPaid amount is greater than the overseasIncome: totalIncome.

3.8 Loss Carry Back Field

The lossCarriedBackPriorYear field can only be used if the customer has the Loss Carry Back indicator applied for the income period. This indicator will only be applied by Inland Revenue where the customer has signalled their intent to use the Loss carry back scheme by submitting a request via myIR. A successful submission results in the indicator being updated to the customer's income period in real-time.

If the field is used without the loss carry back indicator being present, the GWS Return service will return error 2228. The error can then be resolved by the customer taking either of the following actions:

- Request Loss Carry Back for the correct year in myIR before attempting to resubmit the return via GWS, or
- Remove the amount from the lossCarriedBackPriorYear field, where this has been entered in error.

4 Appendix: Tax Rates

These tax rates for 2013 – 2021

Individual person - Income Tax Act 2007, Sch 1, Part A, cl 1.	
For annual taxable income from	Multiply annual taxable income by
\$0.00 to \$14,000	10.5%
\$14,001 to \$48,000	17.5%
\$48,001 to \$70,000	30%
\$70,001 upwards	33%
Company - Income Tax Act 2007, Sch 1, Part A, cl 2.	
Taxed at a flat rate of 28%	
Trustee income of a trust - Income Tax Act 2007, Sch 1, Part A, cl 3.	
Taxed at a flat rate of 33%	
Non complying trust - Income Tax Act 2007, Sch 1, Part A, cl 4.	
Taxed at a flat rate of 45%	
Trustees of certain funds (GIF) - Income Tax Act 2007, Sch 1, Part A, cl 6.	
Taxed at a flat rate of 28%	
Unincorporated body - Income Tax Act 2007, Sch 1, Part A, cl 1.	
For annual taxable income from	Multiply annual taxable income by
\$0.00 to \$14,000	10.5%
\$14,001 to \$48,000	17.5%
\$48,001 to \$70,000	30%
\$70,001 upwards	33%
Maori authorities - Income Tax Act 2007, Sch 1, Part A, cl 7.	
Taxed at a flat rate of 17.5%	

5 Appendix: PIR Rates

To calculate the Correct PIR, work out the amount of income for each of the last two years, then choose the lower PIR for the current year.

Taxable income was:	and taxable income plus PIE income	PIR
\$14,000 or less	\$48,000 or less	10.5%
\$48,000 or less	\$70,000 or less	17.5%
All other cases		28%

6 Appendix: SL Repayment Thresholds and Rates

Threshold and rates for 2013 – 2021

Income year	Annual repayment threshold	Repayment rate	Adjusted net income threshold
2021	\$20,020	12%	\$500.00
2020	\$19,760	12%	\$1500.00
2019	\$19,448	12%	\$1500.00
2018	\$19,136	12%	\$1500.00
2017	\$19,084	12%	\$1500.00
2016	\$19,084	12%	\$1500.00
2015	\$19,084	12%	\$1500.00
2014	\$19,084	12%	\$1500.00
2013	\$19,084	10%	\$1500.00

7 Appendix: WfFTC information

7.1 Entitlement Rates and Thresholds **1st April 2020 to 31st March 2021**

WfFTC Component	Criteria	Annual Entitlement & Abatement rates, and Thresholds level
Family Tax Credit (FTC)	First child	\$5,878
	Subsequent children	\$4,745
Child Tax Credit (CTC)	Each child	\$780
In Work Tax Credit (IWTC)	Up to 3 children	\$3,770
	Each additional child over 3 includes 4th child onwards	\$780
Minimum Family Tax Credit Threshold (MFTC)*	Annual before tax equivalent	\$34,487
	Prescribed amount	\$29,432
Threshold level	No abatement for income under or equal to	\$42,700
Abatement Rate		25%
Abatement rate formula	Each child born on or after start date of 01 April 20YY	$\{([{(Family\ income - 42,700) * 25\%}] * (days/365)) - \{(FTC * days/365) + (IWTC\ or\ CTC * weeks/52)\} * (365/days)\}$

Note: A customer will no longer qualify for CTC if they are eligible for IWTC.

7.2 Best Start tax credit

Best Start tax credit (BSTC) is a payment up to \$3,120 per year (or \$60 per week) per child to help families with the costs in a child's early years. The entitlement is calculated on a daily rate the same as other WfFTC components.

Best Start tax credit			
Per Child	BSTC abatement threshold	Abatement rate	Effective 1 July 2018
0 – 1 year old	N/A	N/A	\$3,120 / \$60 per week
1 – 2 years old	\$79,000	21%	
2 – 3 years old			

From 1 July 2018 it will be available to all families in the first year of a child's life. For the second and third years, support will continue for low and middle-income families – Best Start tax credit payments will be abated for family income above \$79,000.

Note: BSTC is abated separately from other WfFTC components.

8 Appendix: PIE tax calculation examples

8.1 Example 1 - PIE debit outcome, correct rate at year end, no rate change

IR3 inputs

selfEmployedIncome = 30,000
totalTaxableIncome = 30,000
amountOfIETCClaimed = 520

PIE Tax Calculation

pieIncome>totalIncome = 10,000
pieIncome>totalTaxCredits = 1,000
RateYearEnd = 10.5%
correctRate = 10.5%
RateChanged = false
Remaining PIE amount = $1,000 - (10,000 \times 10.5\% = 1,050) = -50$ (as RateChanged = false)
PIEdebit = 0
PIEcredit = 0

Remaining calculation

taxOnTaxableIncome = $30,000 \times \text{individual tax rates} = 4,270$
residualIncomeTax = $4,270 - 520 = 3,750$

8.2 Example 2 - PIE debit outcome, correct rate at year end but rate change

IR3 inputs

selfEmployedIncome = \$30,000
totalTaxableIncome = \$30,000
amountOfIETCClaimed = \$520

PIE Tax Calculation

pieIncome>totalIncome = 10,000
pieIncome>totalTaxCredits = 1,330
RateYearEnd = 17.5%
correctRate = 17.5%
RateChanged = true
Remaining PIE amount = $1,330 - (10,000 \times 17.5\% = 1,750) = -420$
PIEdebit = 420
PIEcredit = 0

Remaining calculation

taxOnTaxableIncome = $420 + (30,000 \times \text{individual tax rates} = 4,270) = 4,690$
residualIncomeTax = $4,690 - 520 = 4,170$

8.3 Example 3 - PIE debit outcome, incorrect rate at year end, no rate change

IR3 inputs

selfEmployedIncome = \$30,000
totalTaxableIncome = \$30,000
amountOfIETCClaimed = \$520

PIE Tax Calculation

pieIncome>totalIncome = 10,000
pieIncome>totalTaxCredits = 1,050
RateYearEnd = 10.5%
correctRate = 28%
RateChanged = false
Remaining PIE amount = $1,050 - (10,000 \times 28\%) = -1,750$
PIEdebit = 1,750
PIEcredit = 0

Remaining calculation

taxOnTaxableIncome = $1,750 + (30,000 \times \text{individual tax rates}) = 4,270$
residualIncomeTax = $6,020 - 520 = 5,500$

8.4 Example 4 - PIE debit outcome, incorrect rate at year end but rate was changed

IR3 inputs

selfEmployedIncome = \$30,000
totalTaxableIncome = \$30,000
amountOfIETCClaimed = \$520

PIE Tax Calculation

pieIncome>totalIncome = 10,000
pieIncome>totalTaxCredits = 1,750
RateYearEnd = 10.5%
correctRate = 28%
RateChanged = true
Remaining PIE amount = $1,750 - (10,000 \times 28\%) = -1,050$
PIEdebit = 1,050
PIEcredit = 0

Remaining calculation

taxOnTaxableIncome = $1,050 + (30,000 \times \text{individual tax rates}) = 5,320$
residualIncomeTax = $5,320 - 520 = 4,800$

8.5 Example 5 - PIE credit outcome, incorrect rate at year end

IR3 inputs

selfEmployedIncome = 30,000
totalTaxableIncome = 30,000
amountOfIETCClaimed = 520

PIE Tax Calculation

pieIncome>totalIncome = 10,000
pieIncome>totalTaxCredits = 2,800
RateYearEnd = 28%
correctRate = 17.5%
RateChanged = false
Remaining PIE amount = $2,800 - (10,000 \times 17.5\%) = 1,050$
PIEdebit = 0
PIEcredit = 1,050

Remaining calculation

taxOnTaxableIncome = $30,000 \times \text{individual tax rates} = 4,270$
residualIncomeTax = $4,270 - 520 - 1,050 = 2,700$

8.6 Example 6 – PIE credit outcome, correct rate at year end, no rate change

IR3 inputs

selfEmployedIncome = 30,000
totalTaxableIncome = 30,000
amountOfIETCClaimed = 520

PIE Tax Calculation

pieIncome>totalIncome = 10,000
pieIncome>totalTaxCredits = 2,803
RateYearEnd = 28%
correctRate = 28%
RateChanged = false
Remaining PIE amount = $2,803 - (10,000 \times 28\%) = 3$
PIEdebit = 0
PIEcredit = 3

Remaining calculation

taxOnTaxableIncome = $30,000 \times \text{individual tax rates} = 4,270$
residualIncomeTax = $4,270 - 520 - 3 = 3,747$

8.7 Example 7 - Customer has a loss to carry forward but a PIE debit outcome**IR3 inputs**

selfEmployedIncome = 20,000 loss

totalTaxableIncome = 0

PIE Tax Calculation

pieIncome>totalIncome = 10,000

pieIncome>totalTaxCredits = 1,050

RateYearEnd = 10.5%

correctRate = 28%

RateChanged = false

Remaining PIE amount = $1,050 - (10,000 \times 28\%) = 2,800 = -1,750$

PIEdebit = 1,750

PIEcredit = 0

Remaining calculation

taxOnTaxableIncome = 0

residualIncomeTax = 1,750

9 Glossary

Acronym/term	Definition
ACC	Accident Compensation Corporation
FDP	Foreign dividend payment (account)
FIF	Foreign investment fund
GIF	Group Investment Fund
ICA	Imputation credit account
IETC	Independent tax earner credit
INC	Inland Revenue's abbreviation for Income Tax
IRD	Inland Revenue Department (ie IRD number)
MSD	Ministry of Social Development
PIE	Portfolio Investment Entity
PIR	Prescribed investor rate

10 Change log

This table lists all changes that have been made to this document for the 2021 release.

Version	Date of change	Document section	Description
V1.0	17/12/2020	2 3.8 7.1 8	Added information for the following 2021 return changes (highlighted in yellow): <ul style="list-style-type: none"> Loss Carry Back (IR3, IR3NR, IR4, IR6, IR8, IR9, IR44) Government subsidies field (IR3, IR3NR) PIE income information (IR3) PIR rates table PIE tax calculation examples New fields applicable for Student Loan Adjusted Net Income calculation (IR3) Student Loan Adjusted Net Income threshold reduced from \$1500 to \$500 (IR3) Residential Rental income fields (IR44) Updated Minimum family tax credit threshold for 2020-21 tax year
		2.3	Added notes for Tax Credit Payroll Donations and Excess imputation credits brought forward to the IR3NR section.
		2.4	Added Subvention payments note to the IR4 section.
		2.6	Added a note for Error code 2075 to the IR6 section.
		2.7	Added a note for Joint investment income to the IR7 section.
		2.18	Added a new section for information relating to Donation Tax Credits.
		3	Added new section – 'Additional Information Applicable to all Returns' for the purpose of providing information on commonly asked questions.
V1.1	28/01/2021	2.1	Added note for pieIncome totalTaxCredits in the IR3 – amount is limited up to the allowable pieIncome totalTaxCredits.
	28/01/2021	2.3	Updated the IR3NR residualIncomeTax field to include imputationBroughtForward and pieIncome totalTaxCredits.
	29/01/2021	2.4	Removed '(Calculation field)' from Total Tax Credits in the IR4. As part of the 2021 return

Version	Date of change	Document section	Description
			changes, totalTaxCredits field will be added to the IR4 schema.
	29/01/2021	1.3	Added section to outline the new 39% tax rate being introduced from 1 April 2021 and the impacts on provisional tax.
	01/02/2021	2.6	Field corrections: <ul style="list-style-type: none"> Corrected field named in beneficiary taxLessDividendImputationCredit description to dividendImputationCredit. Also added note that result is zero when beneficiary dividendImputationCredit is greater than beneficiary taxLessOverseasTaxPaid. Corrected beneficiary beneficiaryTaxPayable calculation to show as 'plus' beneficiary taxOnDistributionByNonComplyingTrust, not 'minus'.