

Advanced Pay Codes & Calculations

Pay Code Types

1. Deduction – Items that are subtracted from employee payroll checks. This can be flat dollar amounts, percentages and calculations.
2. Expense – Items that are added to the employee payroll check to reimburse an employee. These items can be, but are not usually, subject to retirement and taxes.
3. Fringe Benefit – Items that are added for a retirement or tax calculation but not paid to the employee on the payroll check.
4. Calculation – A mathematical formula used to determine an amount. This can be used on an earning or deduction pay code.

H S A Setup

1. Employee and employer contributions without direct deposit.
 - a. Create a deduction pay code, in the number range 40-69. Title it H S A and activate the employee and employer options.

Pay Code	Employee	Employer	Leave Rates	W-2/1099	Notes
Pay code:	44				
Sub code:	00				
Title:	HSA				
Abbreviated title:	HSA				
Type:	Deduction				
State:					
Identification number:					
Calculation order:					
<input type="checkbox"/>	Add on new employee				
<input checked="" type="checkbox"/>	Allow employee options				
<input checked="" type="checkbox"/>	Allow employer options				
<input type="checkbox"/>	Use as summarization pay code				

- b. On the employee tab, set the Amount/Rate/Percent Type to Amount. Enter the Liability GL account number for the H S A Contributions. Enter the amount the employee elects to contribute each pay period. Set the Monthly period numbers for 1, 2 and 3.

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employee Used in Calculations Used for Calculation

Amount/Rate/Percent type: Amount

Amount: 50.00-

Maximum limit: .00

Minimum wage limit: .00

Maximum wage limit: .00

Standard pay hours: .00

GL account:

Calculation name:

Employee allocation method: Do not allocate

Position: All positions

Position number: 1

☐ Round amounts to nearest dollar

☐ Exclude hours

☐ Exclude hours for overtime calculation

Monthly period numbers

1	2	3	4	5
A	A	A		

- c. On the employee tab – Used in Calculation tab, click the select pay code icon (two sheets of paper with two green arrows). Select the social security, medicare, federal and state withholding tax pay codes.

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employee Used in Calculations Used for Calculation

Pay Code	Percent
74-00 Social Security Tax	100.00
75-00 Medicare Tax	100.00
76-00 Federal Withholding Tax	100.00
77-00 State Withholding Tax	100.00

Subject To

Pay code: 74-00 Social Security Tax

Percent: 100.00 %

- d. On the employer tab, set the Amount/Rate/Percent Type to Amount. Enter the Liability GL account number for the H S A Contributions in the Credit Account field and the Expense account number in the Debit Account field. Enter the amount the employer elects to contribute each pay period. Set the Monthly period numbers for 1, 2 and 3 or as appropriate for the employer contribution.

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employer Used in Calculations Used for Calculation Debit Override Account

Amount/Rate/Percent type: Amount

Amount: 500.00

Maximum limit: .00

Minimum wage limit: .00

Maximum wage limit: .00

Employer allocation method: Do not allocate

Debit account:

Credit account:

Calculation name:

☐ Allow calculations on unpaid employee

Monthly period numbers

1	2	3	4	5
	P			

- e. On the employer tab – Used in Calculation tab, click the select pay code icon (two sheets of paper with two green arrows). Select the social security, medicare, federal and state withholding tax pay codes.

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employer Used in Calculations Used for Calculation Debit Override Account

Pay Code	Percent
74-00 Social Security Tax	100.00
75-00 Medicare Tax	100.00
76-00 Federal Withholding Tax	100.00
77-00 State Withholding Tax	100.00

Subject To

Pay code: 74-00 Social Security Tax

Percent: 100.00 %

- f. On the W-2/1099 tab, set the W-2 code (box 12) field to W

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

W-2 code (Box 12): W

W-2 other description (Box 14):

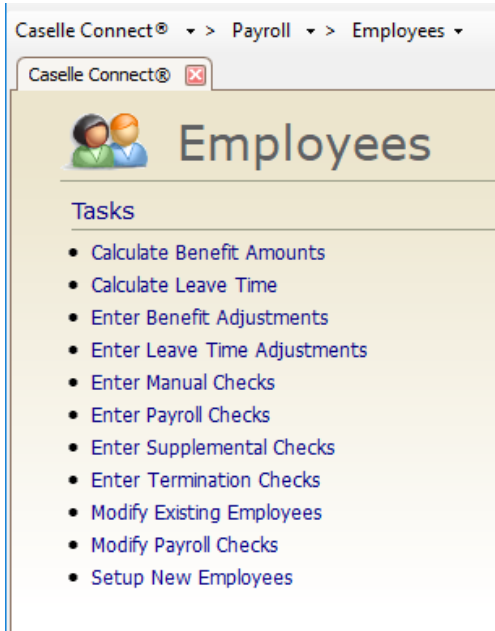
☐ Include amounts

W-2 local tax code:

☐ Include amounts for dependent care on the W-2 (Box 10)

☐ Include amounts for non-qualified plans on the W-2 (Box 11)

- g. Close Pay Codes and go to Payroll – Employee – Modify Existing Employees.







- h. Search for the first employee that will have the H S A Pay Codes. Select the employee and click on the Pay Codes tab.

Employee:

Employee: 55 - Gordon, Natalie C Social Security number:

Employee Positions Job **Pay Codes** Direct Deposit Contacts Attachments Notes

Pay Code	Employee ARP	Employee Pay Period Amt/Rate	Monthly Pay Periods 1-5	Employer ARP

- i. Click the Select Pay Codes menu item just above the Title Pay Code (two sheets of paper with two green arrows). Select the H S A Pay Code that was just created and click OK.

Employee: 55 - Gordon, Natalie C Social Security number: 555-82-2242

Employee Positions Job Pay Codes Direct Deposit Contacts Attachments Notes

Selection

Please select the appropriate Pay codes...

Available Pay codes:

- 10-00 Board
- 11-00 Prior Pay
- 15-00 FMLA
- 16-00 Military
- 20-00 Misc Reimb
- 21-00 Trvl Reimb
- 22-00 Uniform
- 29-01 HSA EE ADD
- 29-02 HSA ER ADD
- 40-01 WRS - Gen
- 40-02 WRS - Pro
- 40-03 WRS - Elec
- 41-00 IMRF
- 42-00 PERA
- 43-00 IPERS
- 44-00 HSA
- 70-00 Misc Ded
- 71-00 Garnishmen
- 86-00 Dir Dep

Selected Pay codes:

- 1-00 Regular
- 2-00 Overtime
- 3-00 Vacation
- 4-00 Sick Leave
- 7-00 Holiday
- 8-00 Misc Pay
- 9-00 Comp Time
- 50-00 Union
- 65-00 Crdt Union
- 74-00 Soc Sec
- 75-00 Medicare
- 76-00 FWT
- 77-00 SWT
- 85-00 Net Pay
- 90-00 PERA
- 91-00 Health
- 92-00 LTD Ins
- 98-00 SUTA
- 99-00 Wrk Comp

Select -> Select All -> <- Deselect <- Deselect All

Help OK Cancel

- j. Edit the Pay Code by double clicking on it or by single clicking on it and then clicking on the edit menu icon (pencil) on the Pay Codes tab. Enter the amount the employee has elected to contribute the the H S A.

Employee: 55 - Gordon, Natalie C Social Security number: 555-82-2242

Employee Positions Job Pay Codes Direct Deposit Contacts Attachments Notes

Pay Code

1-00 Regular
2-00 Overtime
3-00 Vacation
4-00 Sick Leave
7-00 Holiday
8-00 Misc Pay
9-00 Comp Time
44-00 HSA
50-00 Union
65-00 Crdt Union

Employee Employee Limits Employer Employer Limits Leave Rates General

ARP type: Amount

Amount: 50.00-

Extra amount: .00

GL Account:

Allocation method: Do not allocate

Calculation:

Standard hours: .00

Begin date: End date:

☐ Exclude hours

Monthly period numbers

1 2 3 4 5
A A A ..

- k. Click on the Employer tab and enter/verify the amount the employer is contributing to the employee H S A.

2. Employee and employer contributions direct deposited. To do this, the employee and employer contributions must be added to the employee pay check to offset it being subtracted out as part of the direct deposit

- a. Create an expense type pay code, in the number range 20-39. In this example it is 29.
 - i. The first pay code will be a summary code. Number it 29-00, name it H S A Add Back and check the box to “Use as a summarization pay code”.

Pay Code	Employee	Employer	Leave Rates	W-2/1099	Notes
Pay code:	29				
Sub code:	00				
Title:	HSA Add Back				
Abbreviated title:	HSA Add Bk				
Type:	Expense				
State:					
Identification number:					
Calculation order:	<input type="checkbox"/> Add on new employee <input checked="" type="checkbox"/> Allow employee options <input checked="" type="checkbox"/> Allow employer options <input checked="" type="checkbox"/> Use as summarization pay code				

- ii. The second pay code will be 29-01 and titled H S A Employee Add Back. Check the box to “Allow employee options”. On the Employee tab, set the Amount/Rate/Percent Type to Amount. Enter the Liability GL account number for the H S A Contributions. Enter the amount the employee elects to contribute each pay period. Set the Monthly period numbers for 1, 2 and 3.

Pay Code	Employee	Employer	Leave Rates	W-2/1099	Notes
Pay code:	29				
Sub code:	01				
Title:	HSA EMPLOYEE ADD BACK				
Abbreviated title:	HSA EE ADD				
Type:					
State:					
Identification number:					
Calculation order:	<input type="checkbox"/> Add on new employee <input checked="" type="checkbox"/> Allow employee options <input type="checkbox"/> Allow employer options <input type="checkbox"/> Use as summarization pay code				

Pay Code	Employee	Employer	Leave Rates	W-2/1099	Notes
Employee	Used in Calculations	Used for Calculation			
Amount/Rate/Percent type:	Amount				
Amount:	50.00				
Maximum limit:	.00				
Minimum wage limit:	.00				
Maximum wage limit:	.00				
Standard pay hours:	.00				
GL account:					
Calculation name:					
Employee allocation method:	Do not allocate				
Position:	All positions				
Position number:	1				
<input type="checkbox"/> Round amounts to nearest dollar <input type="checkbox"/> Exclude hours <input type="checkbox"/> Exclude hours for overtime calculation					
Monthly period numbers					
1	2	3	4	5	
A	A	A			..

- iii. The third pay code will be 29-02 and titled H S A Employer Add Back. Check the box to “Allow employee options”. On the Employee tab, Set the Amount/Rate/Percent Type to Amount. Enter the amount the employer elects to contribute. Set the Monthly period numbers for 1, 2 and 3 or which ever time frame the employer will be contributing to the employee H S A. Enter the Liability GL account number for the H S A Contributions in the GL Account field.

Pay code: 29-02 HSA Employer Add Back

Pay Code
Employee
Employer
Leave Rates
W-2/1099
Notes

Pay code: 29
Sub code: 02
Title: HSA Employer Add Back
Abbreviated title: HSA ER ADD
Type: Expense
State:
Identification number:
Calculation order: 2 [Modify calculation order](#)
☐ Add on new employee
☒ Allow employee options
☐ Allow employer options
☐ Use as summarization pay code

Pay code: 29-02 HSA Employer Add Back

Pay Code
Employee
Employer
Leave Rates
W-2/1099
Notes

Amount/Rate/Percent type: Amount
Amount: .00
Maximum limit: .00
Minimum wage limit: .00
Maximum wage limit: .00
Standard pay hours: .00
GL account:
Calculation name:
Employee allocation method: Do not allocate
Position: All positions
Position number: 1
☐ Round amounts to nearest dollar
☐ Exclude hours
☐ Exclude hours for overtime calculation
Monthly period numbers
1 2 3 4 5
P ..

- b. Create a deduction pay code, in the number range 40-69. Title it H S A and activate the employee and employer options. In this example it is 44-00.

Pay Code
Employee
Employer
Leave Rates
W-2/1099
Notes

Pay code: 44
Sub code: 00
Title: HSA
Abbreviated title: HSA
Type: Deduction
State:
Identification number:
Calculation order:
☐ Add on new employee
☒ Allow employee options
☒ Allow employer options
☐ Use as summarization pay code

- i. On the employee tab, set the Amount/Rate/Percent Type to Percent. Enter the Liability GL account number for the H S A Contributions. Enter a percentage of 100 (this will be 100 % of the amount from the employee H S A Add back). Set the Monthly period numbers for 1, 2 and 3.

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employee Used in Calculations Used for Calculation

Amount/Rate/Percent type: Percent of amount ▾

Percentage: 100.0000- %

Maximum limit: .00

Minimum wage limit: .00

Maximum wage limit: .00

Standard pay hours: .00

GL account: ▾

Calculation name: ▾

Employee allocation method: Do not allocate ▾

Position: All positions ▾

Position number: 1 ▴ ▾

☐ Round amounts to nearest dollar

☐ Exclude hours

☐ Exclude hours for overtime calculation

Monthly period numbers

1	2	3	4	5
A	A	A		..

- ii. On the employee tab – Used in Calculation tab, click the select pay code icon (two sheets of paper with two green arrows). Select the social security, medicare, federal and state withholding tax pay codes.

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employee Used in Calculations Used for Calculation

Pay Code	Percent
74-00 Social Security Tax	100.00
75-00 Medicare Tax	100.00
76-00 Federal Withholding Tax	100.00
77-00 State Withholding Tax	100.00

Subject To

Pay code: 74-00 Social Security Tax

Percent: 100.00 %

- iii. On the employee – Used in Calculation tab, click the select pay code icon (two sheets of paper with two green arrows). Select the Employee H S A Add Back pay code.

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employee Used in Calculations Used for Calculation

Pay Code	Percent
29-01 HSA EMPLOYEE ADD BACK	100.00

Used for Calculation

Pay code: 29-01 HSA EMPLOYEE ADD BACK

Percent: 100.00 %

- iv. On the employer tab, set the Amount/Rate/Percent Type to Percent. Enter the Liability GL account number for the H S A Contributions in the Credit Account field and the Expense account number in the Debit Account field. Enter the percentage of 100 (this will be 100% of the Employer H S A Add back). Set the Monthly period numbers for 1, 2 and 3.

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employer Used in Calculations Used for Calculation Debit Override Account

Amount/Rate/Percent type: Percent of amount

Percentage: 100.0000 %

Maximum limit: .00

Minimum wage limit: .00

Maximum wage limit: .00

Employer allocation method: Do not allocate

Debit account:

Credit account:

Calculation name:

☐ Allow calculations on unpaid employee

Monthly period numbers

1	2	3	4	5
A	A	A		

- v. On the employer tab – Used in Calculation tab, click the select pay code icon (two sheets of paper with two green arrows). Select the social security, medicare, federal and state withholding tax pay codes.

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employer Used in Calculations Used for Calculation Debit Override Account

Pay Code	Percent
74-00 Social Security Tax	100.00
75-00 Medicare Tax	100.00
76-00 Federal Withholding Tax	100.00
77-00 State Withholding Tax	100.00

Subject To

Pay code: 74-00 Social Security Tax

Percent: 100.00 %

- vi. On the employer – Used in Calculation tab, click the select pay code icon (two sheets of paper with two green arrows). Select the Employer H S A Add Back pay code.

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Employer Used in Calculations Used for Calculation Debit Override Account

Pay Code	Percent
29-02 HSA Employer Add Back	100.00

Used for Calculation

Pay code: 29-02 HSA Employer Add Back

Percent: 100.00 %

- vii. On the W-2/1099 tab, set the W-2 code (box 12) field to W

Pay code: 44-00 HSA

Pay Code Employee Employer Leave Rates W-2/1099 Notes

W-2 code (Box 12): W

W-2 other description (Box 14):

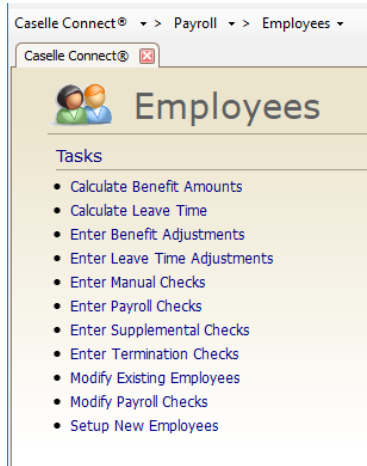
☐ Include amounts

W-2 local tax code:

☐ Include amounts for dependent care on the W-2 (Box 10)

☐ Include amounts for non-qualified plans on the W-2 (Box 11)

- c. Close Pay Codes and go to Payroll – Employee – Modify Existing Employees.







- i. Search for the first employee that will have the H S A Pay Codes. Select the employee and click on the Pay Codes tab.

Employee:

Employee: 55 - Gordon, Natalie C Social Security number:

Employee Positions Job Pay Codes Direct Deposit Contacts Attachments Notes

Pay Code	Employee ARP	Employee Pay Period Amt/Rate	Monthly Pay Periods 1-5	Employer ARP

- ii. Click the Select Pay Codes menu item just above the Title Pay Code (two sheets of paper with two green arrows). Select the H S A Pay Codes that were just created and

click OK. (In this example, 29-01, 29-02 and 44-00)

Employee: 55 - Gordon, Natalie C Social Security number: 555-82-2242

Employee Positions Job Pay Codes Direct Deposit Contacts Attachments Notes

Selection

Please select the appropriate Pay codes...

Available Pay codes:

- 10-00 Board
- 11-00 Prior Pay
- 15-00 FMLA
- 16-00 Military
- 20-00 Misc Reimb
- 21-00 Trvl Reimb
- 22-00 Uniform
- 29-01 HSA EE ADD
- 29-02 HSA ER ADD
- 40-01 WRS - Gen
- 40-02 WRS - Pro
- 40-03 WRS - Elec
- 41-00 IMRF
- 42-00 PERA
- 43-00 IPERS
- 44-00 HSA
- 70-00 Misc Ded
- 71-00 Garnishmen
- 86-00 Dir Dep

Selected Pay codes:

- 1-00 Regular
- 2-00 Overtime
- 3-00 Vacation
- 4-00 Sick Leave
- 7-00 Holiday
- 8-00 Misc Pay
- 9-00 Comp Time
- 50-00 Union
- 65-00 Crdt Union
- 74-00 Soc Sec
- 75-00 Medicare
- 76-00 FWT
- 77-00 SWT
- 85-00 Net Pay
- 90-00 PERA
- 91-00 Health
- 92-00 LTD Ins
- 98-00 SUTA
- 99-00 Wrk Comp

Select -> Select All -> <- Deselect <- Deselect All

Help OK Cancel

- iii. Edit the Pay Code by double clicking on it or by single clicking on it and then clicking on the edit menu icon (pencil) on the Pay Codes tab. Enter the amount the employee has elected to contribute the the H S A on the Employee Add Back pay code.

Employee: 55 - Gordon, Natalie C Social Security number: 555-82-2242

Employee Positions Job Pay Codes Direct Deposit Contacts Attachments Notes

Pay Code

1-00 Regular
2-00 Overtime
3-00 Vacation
4-00 Sick Leave
7-00 Holiday
8-00 Misc Pay
9-00 Comp Time
29-01 HSA EE ADD
29-02 HSA ER ADD
44-00 HSA
50-00 Union
65-00 Crdt Union

Employee Employee Limits Employer Employer Limits Leave Ra

ARP type: Amount

Amount: 50.00

Extra amount: .00

GL Account:

Allocation method: Do not allocate

Calculation:

Standard hours: .00

Exemptions: 0

Additional exemptions: 0

- Employee: 55 - Gordon, Natalie C Social Security: 123456789012345678

Employee Positions Job Pay Codes Direct Deposit Contacts Attachments Notes

Pay Code

1-00 Regular	^
2-00 Overtime	
3-00 Vacation	
4-00 Sick Leave	
7-00 Holiday	
8-00 Misc Pay	
9-00 Comp Time	
29-01 HSA EE ADD	
29-02 HSA ER ADD	
44-00 HSA	
50-00 Union	
65-00 Crdt Union	

ARP type: Amount

Amount: 500.00

Extra amount: .00

Debit account:

Credit account:

Allocation method: Do not allocate





Calculation:

Modifier: 100.00

- Employee: 55 - Gordon, Natalie C

Social Security number: 555-82-2242

Employee	Positions	Job	Pay Codes	Direct Deposit	Contacts	Attachments	Notes
Bank	Routing Number	Account Number	Transaction Type	Status			



Bank:

Account number:

Transaction type:

Status:

Type:

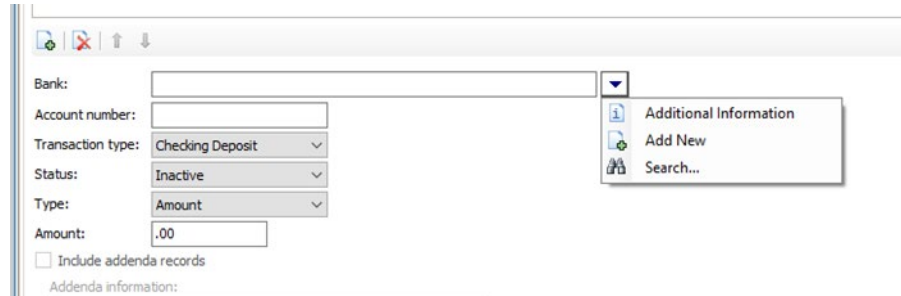
Amount:

.00

☐ Include addenda records

Addenda information:

- i. Click the New icon near the bottom of the screen (sheet of paper with a green plus sign). Use the down arrow at the end of the Bank field to search for an existing bank or to add a new bank. All banks for direct deposit should be numbered in the three digit range and contain a bank name and routing number only.



- ii. Add the employee's individual H S A account number in the Account Number field.
- iii. Set the Transaction Type as Checking Deposit or Savings Deposit depending on which type of account the employee has.
- iv. Set the Status to Prenotification or Active depending upon your internal processes.
- v. Keep the Type as Amount.
- vi. Enter the Amount of the employee H S A contribution.
- vii. Repeat these steps and add the employee Amount of the employer H S A contribution. This direct deposit will be turned inactive on the pay periods that the employer is not contributing.

Calculations

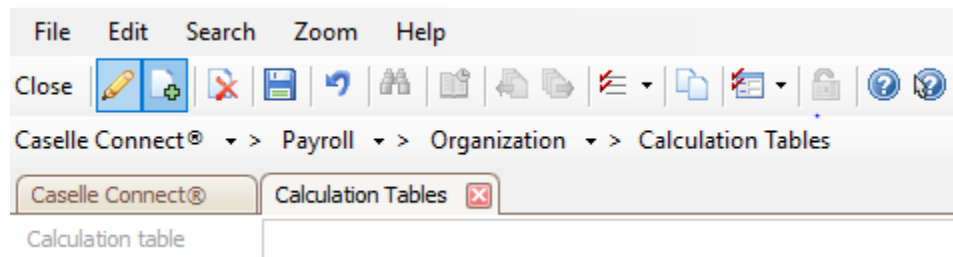
1. Tables – Found in Payroll – Organization; tables allow you to set up structured or tiered levels to be used in calculations (like taxes and longevity schedules). Tables are always set with annual amounts.
2. Formulas – Found in Payroll – Organization; formulas lay out the mathematical method of getting the result you want using variables within the software and tables. Formulas are always set with annual amounts; the system will divide the result by the pay frequency of the employee.
 - a. Employee Age
 - b. Employee Birth Date
 - c. Employee Hire Date
 - d. Employee Length of Service
 - e. Hourly Rate
 - f. HoursCurrPeriod (Total hours for the current pay period)
 - g. WagesCurrPer (Total wages for the current pay period)
 - h. Employee Amount Rate Percent (The amount set on a specific employee pay code)
 - i. Employee Calculated Amount (The amount calculated on a specific employee pay code)

3. Calculations – Found in Payroll – Organization; calculations pull the table and formulas together and give the combination a unique name.

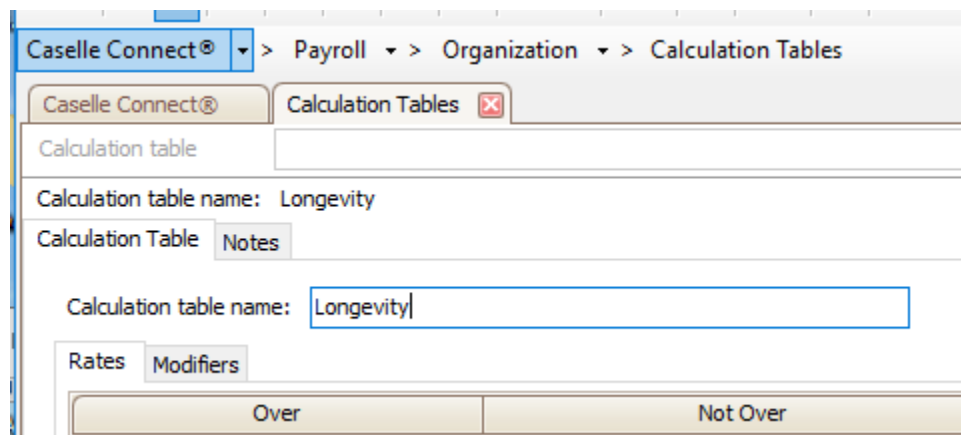
Sample Calculations

1. Longevity

- a. If employees receive an additional amount of pay based on their years of service, we need to create a Table to show the levels that employees can be paid at. In this example, employees that work over 5 years will receive \$300.00 a year to be paid with each pay period. Employees that work over 10 years will receive \$600.00 a year to be paid with each pay period. Employees that work over 20 years will receive \$900.00 a year to be paid with each pay period. The table will be set up as show below.
 - i. Go to Payroll – Organization – Calculation Tables. Create a new table by clicking the New icon (sheet of paper with a green plus sign).

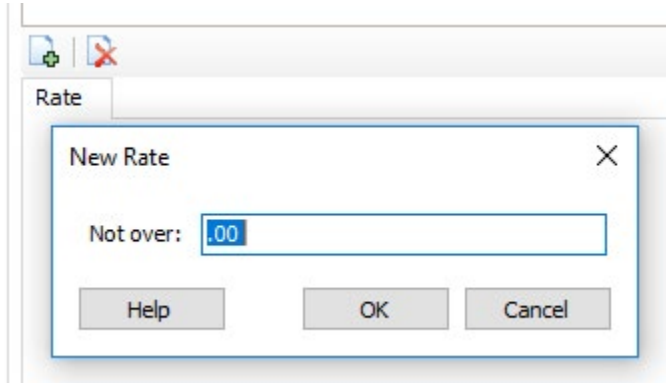


ii. Name the Table



- iii. Add the first level of the table by clicking the New menu icon near the bottom of the screen (white sheet of paper with a green plus sign). Enter the “Not Over” Amount. In

this scenario that is 5 years because our first level is 0-4 years of service.



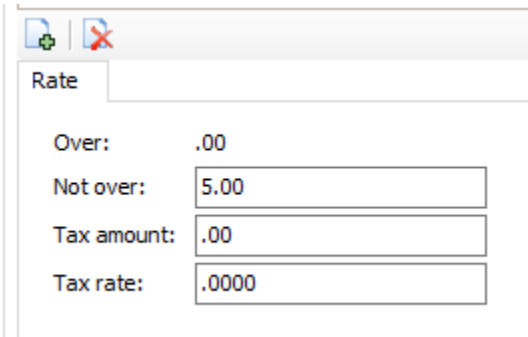
Rate

New Rate

Not over: .00

Help OK Cancel

- iv. Enter the Amount that the employee will be paid annually for this number of years of service. In this scenario it is zero. A rate can also be used if the employee would be receiving a percentage of pay based on the years of service.



Rate

Over: .00

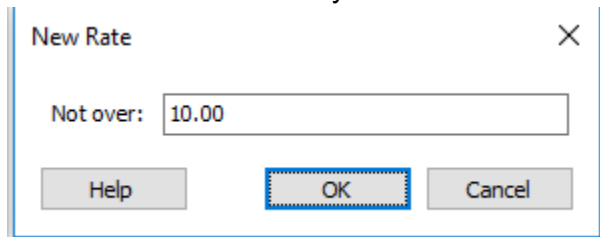
Not over: 5.00

Tax amount: .00

Tax rate: .0000

Help OK Cancel

- v. Add the second level of the table by clicking the New menu icon near the bottom of the screen (white sheet of paper with a green plus sign). Enter the “Not Over” amount. In this scenario that is 9.99 years because the second level is 5-9 years of service.



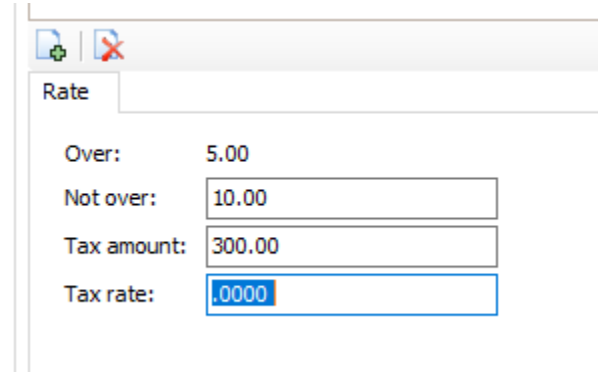
New Rate

Not over: 10.00

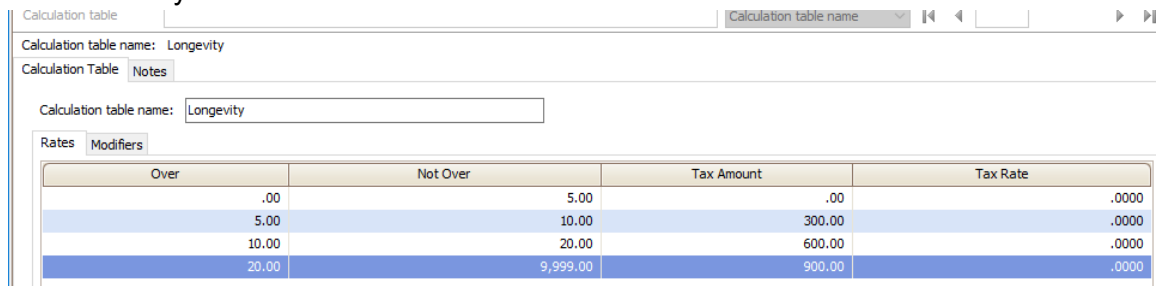
Help OK Cancel

- vi. Enter the Amount that the employee will be paid annually for this number of years of service. In this scenario it is \$300. A rate can also be used if the employee would be

receiving a percentage of pay based on the years of service.

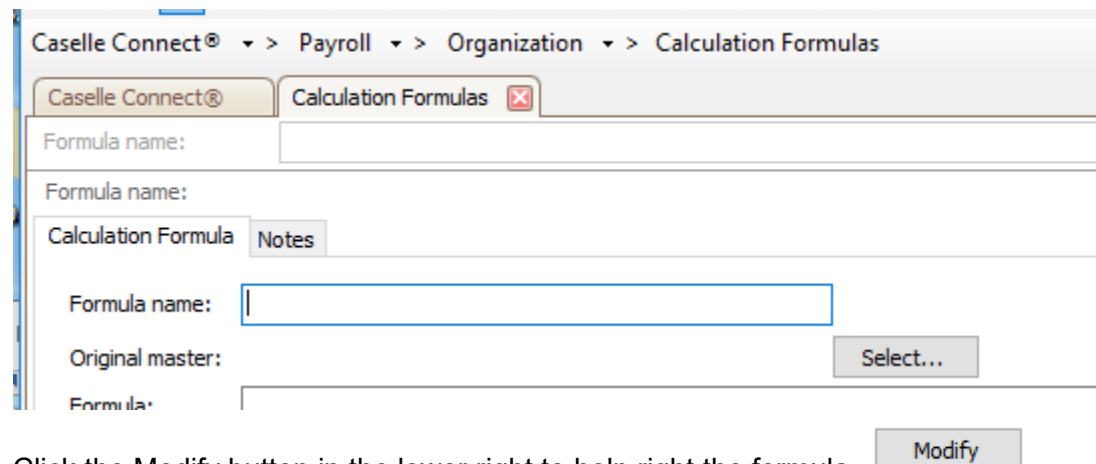


- vii. Repeat these steps for each possible longevity level. Save and Close Calculations tables when you are finished.



Over	Not Over	Tax Amount	Tax Rate
.00	5.00	.00	.0000
5.00	10.00	300.00	.0000
10.00	20.00	600.00	.0000
20.00	9,999.00	900.00	.0000

- b. Go to Payroll – Organization – Calculation Formulas to create the set up how the longevity payment will be created. Create a new Formula by clicking the New icon (sheet of paper with a green plus sign).
- i. Enter a name for the formula.



- ii. Click the Modify button in the lower right to help right the formula.
- iii. Determine what needs to be done for this formula. In this scenario, we need to look up the employee length of service on the employee record and then pull the amount from the Longevity table.

- iv. Select the first variable (Var1) and set it equal to EmployeeLengthofService

Formula

Calculation:

Var1=EmployeeLengthOfService

Double click on a variable or operator below to insert the value into the formula.

Variables:

Variable Name	Insert Value
Employee Birth Date	EmployeeBirthDate
Employee Calculated Amount	EmployeeCalculatedAmount(###-##)
Employee Hire Date	EmployeeHireDate
Employee Length of Service	EmployeeLengthOfService
Employee Pay Period Amount Limit	EmployeePayPeriodAmountLimit
Employer Amount Rate Percent	EmployerAmountRatePercent(###-##)
Employer Calculated Amount	EmployerCalculatedAmount(###-##)
Employer Pay Period Amount Limit	EmployerPayPeriodAmountLimit
Exemptions	Exemptions(###-##)

Operators:

Operator
(+) Add
(-) Subtract
(*) Multiply
(/) Divide
(=) Equals
(< >) Is not equal
(>) Greater than
(> =) Greater than or equal
(<) Less than

Help Check Syntax OK Cancel

- v. Look up this variable on the table by selecting Result = Table(Var1)

Formula

Calculation:

Var1=EmployeeLengthOfService
Result=Table(Var1)

Double click on a variable or operator below to insert the value into the formula.

Variables:

Variable Name	Insert Value
Result	Result
Round	Round(Amount, Digits)
SWT	SWT
Table	Table(Amount)
Table Tax Amount	TableTaxAmount(Amount)
Table Tax Rate	TableTaxRate(Amount)
Var1	Var1
Var10	Var10
Var11	Var11

Operators:

Operator
(+) Add
(-) Subtract
(*) Multiply
(/) Divide
(=) Equals
(< >) Is not equal
(>) Greater than
(> =) Greater than or equal
(<) Less than

Help Check Syntax OK Cancel

- vi. Save and Close the formula.
- c. Go to Payroll – Organization – Calculations to tie the Table and the Formula together.

- i. Click the New menu icon (sheet of paper with green plus sign).

Calculation name:

Calculation name: Longevity

Calculation **Notes**

Calculation name:

Abbreviated calculation name:

Calculation formula:

Calculation table:

Pay code type:

- ii. Name the Calculation in both the Name and Abbreviated Name fields.
 - iii. Select the Formula you created.
 - iv. Select the Table you created.
 - v. Assign the type of pay code that this calculation will be used on. In this scenario we are paying an employee and do not wish to impact standard hours so it will be a Gross Miscellaneous pay code type.
 - vi. Save and close the calculation.
- d. Go to Payroll – Organization – Pay Codes to assign the calculation to a pay code.
 - i. Select the pay code that will use the calculation; create one if it does not already exist.
 - ii. On the Pay Code – Employee tab, change the Amount/Rate/Percent type to Calculation.
 - iii. Set the Calculation Name field to the calculation you just created.

Pay code: 14-00 Longevity

Pay Code **Employee** Employer Leave Rates W-2/1099 Notes

Employee **Used in Calculations** Used for Calculation

Amount/Rate/Percent type:

Amount:

Maximum limit:

Minimum wage limit:

Maximum wage limit:

Standard pay hours:

GL account:

Calculation name:

2. Group Term Life Insurance

- a. In this example, we assume the employer provides coverage two times the employee annual salary.
- b. Table

Calculation Table Notes















Calculation table name:

Rates Modifiers

Over	Not Over	Tax Amount	Tax Rate
.00	25.00	60.00	.0000
25.00	29.00	.72	.0000
29.00	34.00	.96	.0000
34.00	39.00	1.08	.0000
39.00	44.00	1.20	.0000
44.00	49.00	1.80	.0000
49.00	54.00	2.76	.0000
54.00	59.00	5.16	.0000
59.00	64.00	7.92	.0000
64.00	69.00	15.24	.0000
69.00	99.00	24.72	.0000

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Close              

Caselle Connect® > Payroll > Organization > Calculation Tables

Caselle Connect® Calculation Tables

Calculation table

Calculation table name: Group Term Life

Calculation Table Notes

Calculation table name:

Rates Modifiers

	Description	Type	Value
1:	Exclusion	Amount	50,000.00
2:		Amount	.00

c. Formula

Formula name:

Calculation Formula Notes

Formula name:

Original master:

Formula:

```
Var 1=((AnnualWage*2)-Modifier 1)/1000
Var 2=Table(EmployeeAge)*Var 1
Var 3=EmployeeCalculatedAmount(26-00)*26
Var 4=Var 2 + Var 3
Result=IIF(Var 4<0, 0,Var 4)
```

d. Calculation

Caselle Connect® Calculations ✕

Calculation name:

Calculation name: group term life

Calculation Notes

Calculation name:

Abbreviated calculation name:

Calculation formula:

Calculation table:

Pay code type:

3. Garnishments

- a. In this example we will set up a garnishment that is 25% of wages less taxes that cannot exceed \$200 per pay check.
- b. Table

Caselle Connect® > Payroll > Organization > Calculation Tables

Caselle Connect® Calculation Tables ✕

Calculation table

Calculation table name: No Table

Calculation Table Notes

Calculation table name:

Rates Modifiers

Over	Not Over	Tax A

c. Formula

Caselle Connect® Calculation Formulas

Formula name: Formula name

Formula name: Garnishment

Calculation Formula Notes

Formula name:

Original master:

Formula: `Var1=WagesCurrPer - EmployeeCalculatedAmount(76-00)-EmployeeCalculatedAmount(77-00) - EmployeeCalculatedAmount(74-00) - EmployeeCalculatedAmount(75-0)
Var2=(Var1)*.25
Var3=5200
Result=MAX(Var2, Var3)`

d. Calculation

Caselle Connect® Calculations

Calculation name:

Calculation name: Garnishment

Calculation Notes

Calculation name:

Abbreviated calculation name:

Calculation formula:

Calculation table:

Pay code type:

4. Overtime

a. Table

Calculation table

Calculation table name: No Table

Calculation Table Notes

Calculation table name:

Rates Modifiers

Over	Not Over

b. Formula

Formula name: Overtime 01

Calculation Formula	Notes
<p>Formula name: Overtime 01</p> <p>Original master: Federal Withholding Select...</p> <p>Formula: $\text{Var 1} = \text{HourlyRate} + \text{EmployeeCalculatedAmount}(12-01)/80 + \text{EmployeeCalculatedAmount}(19-01)/80$ $\text{Result} = (\text{Var 1}) * 1.5 * \text{HoursForPeriodPayCode}(23-01) * 26$</p>	

c. Calculation

Caselle Connect® Calculations

Calculation name: Overtime 01

Calculation	Notes
<p>Calculation name: Overtime 01</p> <p>Abbreviated calculation name: Overtime 01</p> <p>Calculation formula: Overtime 01</p> <p>Calculation table: No Table</p> <p>Pay code type: Gross Overtime</p>	

5. Shift Pay

- In this example, employees receive their hourly rate plus 35 cents
- Table

Calculation table

Calculation table name: No Table

Calculation Table **Notes**

Calculation table name: No Table

Rates **Modifiers**

Over	Not Over
------	----------

c. Formula

Caselle Connect® Calculation Formulas

Formula name:

Formula name: Shift Differential

Calculation Formula **Notes**

Formula name: Shift Differential

Original master:

Formula: Var 1=(HourlyRate + 0.35)*26
Result=HoursForPeriodPayCode(12-00)*Var 1

d. Calculation

Caselle Connect® Calculations

Calculation name:

Calculation name: Shift Differential

Calculation **Notes**

Calculation name: Shift Differential

Abbreviated calculation name: Shift Differential

Calculation formula: Shift Differential

Calculation table: No Table

Pay code type: Gross Regular

e. Another Option – Will show just the shift amount

Caselle Connect® > Payroll > Organization > Pay Codes

Caselle Connect® Pay Codes

Pay code: 10-00 SHIFT HOURS

Pay Code Employee Employer Leave Rates W-2/1099 User-Defined Notes

Employee Used in Calculations Used for Calculation

Amount/Rate/Percent type: Rate per hour

Rate: .3500

Maximum limit: .00

Annual limit: .00

Minimum wage limit: .00

Maximum wage limit: .00

Standard pay hours: .0000

GL account: FF-DD-0000 Partial Account

GL activity: 0

Calculation name: Shift Diff

Employee allocation method: Use employee allocations

Position: All positions

Position number: 1

☐ Round amounts to nearest dollar

☒ Exclude hours

☐ Exclude hours for overtime calculation

Monthly period numbers

1 2 3 4 5

A A ..

Allow calculations with these check types

☒ Manual

☒ Payout

☒ Supplemental

☒ Termination

☐ Third party

Caselle Connect® > Payroll > Organization > Pay Codes

Caselle Connect® Pay Codes

Pay code: 10-00 SHIFT HOURS

Pay Code Employee Employer Leave Rates W-2/1099 User-Defined Notes

Employee Used in Calculations Used for Calculation

Pay Code	Percent
1-10 SHIFT B	100.00

Used for Calculation

Pay code: 1-10 SHIFT B

Percent: 100.00 %

Pay Code Order

1. Payroll – Organization – Organization – Pay Code Calculation Order
2. Normal – Pay Code number order.
 - a. 1-19 Gross Regular, Gross Miscellaneous, Gross Overtime
 - b. 20-29 Expenses and Fringe Benefits
 - c. 30-69 Deductions
 - d. 70-79 Taxes
 - e. 80-89 Net Pay/Direct Deposit
 - f. 90-99 Information Only
3. Exceptions – when pay codes are used for the calculation of others. For example a garnishment that uses taxes for its calculation, it will have to be in the order AFTER taxes.

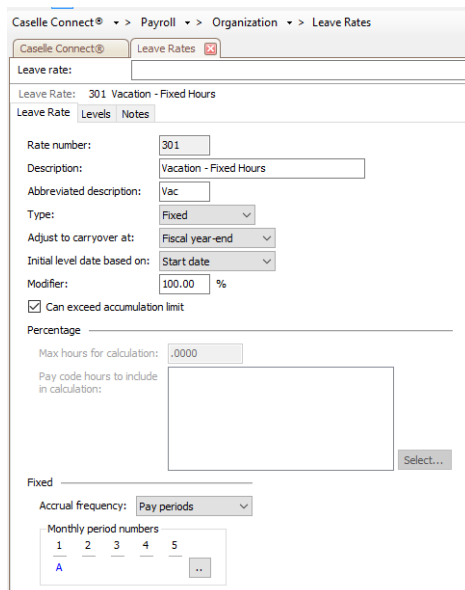
Leave Rates

1. Determine how many decimal points you want to store in your leave balances (2 or 4)

☐ Store four decimal places on leave transactions

2. Set up is under Payroll – Organization – Leave Rates

a. Leave Rate tab



Caselle Connect® > Payroll > Organization > Leave Rates

Caselle Connect® Leave Rates

Leave rate:

Leave Rate: 301 Vacation - Fixed Hours

Leave Rate Levels Notes

Rate number:

Description:

Abbreviated description:

Type:

Adjust to carryover at:

Initial level date based on:

Modifier: %

☒ Can exceed accumulation limit

Percentage

Max hours for calculation:

Pay code hours to include in calculation:

Fixed

Accrual frequency:

Monthly period numbers

1	2	3	4	5
A				

- i. Rate Number – No meaning, but each schedule must have its own number assigned. It is seen on the Leave Register Report.
- ii. Description - A title for the schedule and it should be unique. This is seen on the Leave Register Report.
- iii. Abbreviated Title – 3 character maximum to identify the schedule. Not seen by employees.
- iv. Type –
 1. Fixed – a specified amount of hours are added to an employee's bank
 2. Percentage – a percentage of hours are added to an employee's bank
- v. Adjust to carryover at – this tells the system when you cut off time, or when an employee must use their time.
- vi. Initial level date based on – this tells the system which date field to use to start the employee in the schedule
- vii. Modifier – this is a multiplier for manual leave adjustments. We leave it at 100
- viii. Can exceed accumulation limit – this tells the system whether or not you allow employees to exceed the accumulation limit for this schedule. If it is not checked and an employee is at the maximum, the system will not add more hours to the bank
- ix. Percentage – only available if the Type is set to Percentage. This will list the pay codes that the percentage is based on.
- x. Fixed – only available if the Type is set to Fixed. How often time is added to the bank
 1. Pay Periods – Select which pay periods time will be added to the employee bank
 2. Anniversary Date – Select if time is added in the pay period including the employee anniversary date only

b. Levels tab

Leave Rate: 401 Sick Leave - Fixed Hours

Leave Rate Levels Notes

Level	Description
1	Sick Leave - Fixed Hours

Level

Level number: 1

Description: Sick Leave - Fixed Hours

Based on: Length of service

Length: 9999 Months

Rate/Amount: 1.5400

Accumulation limit: 940.0000

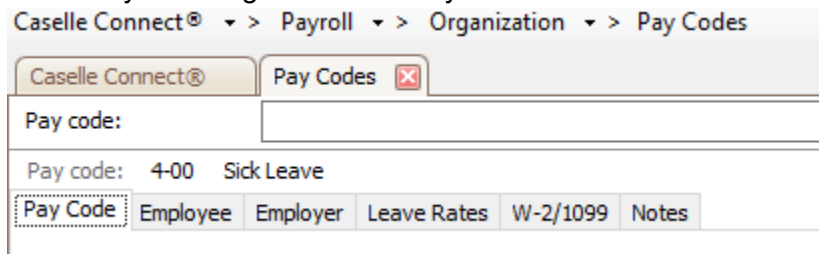
Carryover limit: 940.0000

- i. Level Number – Start with 1 and count up for each level in the schedule
- ii. Description – Title the level.
- iii. Length – Enter the number of months or years an employee will remain at this level

- iv. Rate/Amount – Enter the number of hours and employee earns each period/year for this level. If a Percentage was set on the Rate tab, enter the percentage that will be used to add the hours at this level.
- v. Accumulation limit – this is the maximum number of hours an employee can have at any given time
- vi. Carryover limit – this is the number of hours an employee can carry from one year to the next. Hours over this limit will be removed from the employee bank.

c. Attach Leave Rate to Pay Code

- i. Go to Payroll – Organization – Pay Codes



Caselle Connect® > Payroll > Organization > Pay Codes

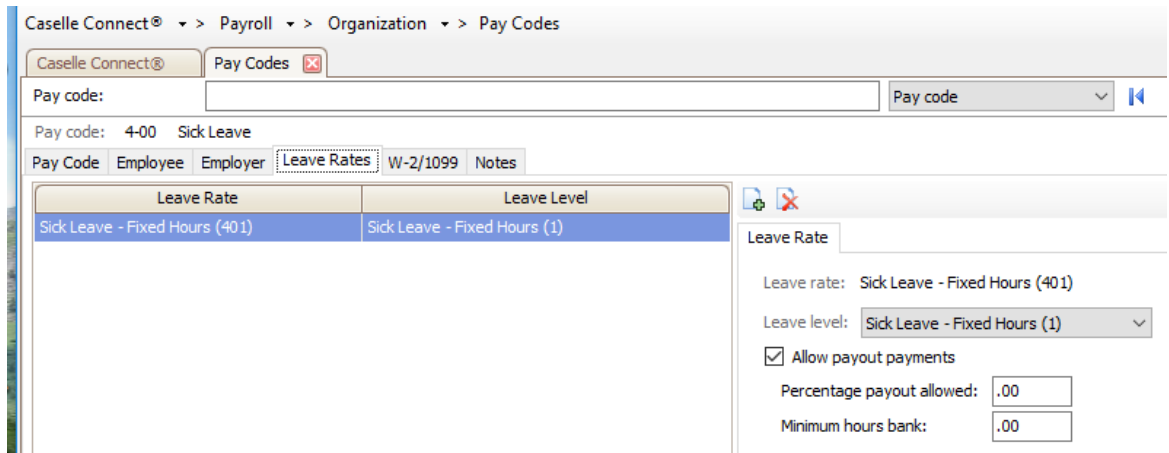
Caselle Connect® Pay Codes

Pay code:

Pay code: 4-00 Sick Leave

Pay Code Employee Employer Leave Rates W-2/1099 Notes

- ii. Select the appropriate pay code
- iii. Click on the Leave Rates tab – add the most common leave rate as the default



Caselle Connect® > Payroll > Organization > Pay Codes

Caselle Connect® Pay Codes

Pay code: Pay code

Pay code: 4-00 Sick Leave

Pay Code Employee Employer Leave Rates W-2/1099 Notes

Leave Rate	Leave Level
Sick Leave - Fixed Hours (401)	Sick Leave - Fixed Hours (1)

Leave Rate

Leave rate: Sick Leave - Fixed Hours (401)

Leave level: Sick Leave - Fixed Hours (1)

☒ Allow payout payments

Percentage payout allowed:

Minimum hours bank:

d. Attach the Leave Rate to the Employee Pay Code

- i. Go to Payroll – Employees – Modify Existing Employees
- ii. Select the appropriate employee and click on the Pay Code tab

- iii. Double click on the appropriate pay code for the leave or single click and click the pencil/edit icon.

Employee: 55 - Gordon, Natalie C

Pay Code		Employee ARP	Employee Pay Period Amt/Rate	M	F
1-00 Regular	GR	100.0000	%H	33.6700	A
2-00 Overtime	GO	150.0000	%H	50.5050	A
3-00 Vacation	GR	100.0000	%H	33.6700	A
4-00 Sick Leave	GR	100.0000	%H	33.6700	A
7-00 Holiday	GR	100.0000	%H	33.6700	A
8-00 Misc Pay	GM	.0000	\$A	.0000	A
9-00 Comp Time	GR	100.0000	%H	33.6700	A

- iv. Click on the Leave Rates tab

Employee: 55 - Gordon, Natalie C Social Security number: 555-82-2242

Employee Positions Job Pay Codes Direct Deposit Contacts Attachments Notes

Employee Employee Limits Employer Employer Limits Leave Rates General

Pay Code	Leave Rate	Leave Level
1-00 Regular	Vacation - Fixed Hours (301)	Vacation-Fixed Hrs - 0-1 yr (1)


Leave Rate: Vacation - Fixed Hours (301)

Leave level: Vacation-Fixed Hrs - 0-1 yr (1)

Next level date: 07/11/2014

Pay code leave: 74.26

☐ Stop leave time accrual

- v. Assign the correct level for the employee.
- vi. The system will populate the Next Level Date and will move this forward during your payroll process when you run "Update Leave Levels" based on the schedule
- vii. The  icon can be used to see leave transactions but does not allow you to edit the transactions.
- viii. The stop leave time accrual box should be checked when an employee can still use the hours in the leave bank but will no longer be accruing hours.

3. Sample Leave Schedules

- a. Limit annual hours when accruing percentage or hours at multiple decimal points

Annual accrual limit: .0000

b. Vacation – hours added once each month

Leave Rate: 301 Vacation - Fixed Hours

Leave Rate Levels Notes

Rate number: 301
 Description: Vacation - Fixed Hours
 Abbreviated description: Vac
 Type: Fixed
 Adjust to carryover at: Fiscal year-end
 Initial level date based on: Start date
 Modifier: 100.00 %

☒ Can exceed accumulation limit

Percentage

Max hours for calculation: .0000

Pay code hours to include in calculation:

Select...

Fixed

Accrual frequency: Pay periods

Monthly period numbers

1 2 3 4 5
 A ..

Leave Rate: 301 Vacation - Fixed Hours

Leave Rate Levels Notes

Level	Description
1	Vacation-Fixed Hrs - 0-1 yr
2	Vacation-Fixed Hrs - 2-10 yrs
3	Vacation-Fixed Hrs - 11+ yrs

Level

Level number: 1
 Description: Vacation-Fixed Hrs - 0-1 yr
 Based on: Length of service
 Length: 12 Months
 Rate/Amount: 3.0800
 Accumulation limit: 120.0000
 Carryover limit: 80.0000

Leave rate:

Leave rate

Leave Rate: 301 Vacation - Fixed Hours

Leave Rate

Levels

Notes

Level	Description
1	Vacation-Fixed Hrs - 0-1 yr
2	Vacation-Fixed Hrs - 2-10 yrs
3	Vacation-Fixed Hrs - 11+ yrs

+

✖

Level

Level number:

2

Description:

Vacation-Fixed Hrs - 2-10 yrs

Based on:

Length of service

Length:

108

Months

Rate/Amount:

4.6200

Accumulation limit:

160.0000

Carryover limit:

80.0000

Leave Rate: 301 Vacation - Fixed Hours

Leave Rate

Levels

Notes

Level	Description
1	Vacation-Fixed Hrs - 0-1 yr
2	Vacation-Fixed Hrs - 2-10 yrs
3	Vacation-Fixed Hrs - 11+ yrs

+

✖

Level

Level number:

3

Description:

Vacation-Fixed Hrs - 11+ yrs

Based on:

Length of service

Length:

9999

Months

Rate/Amount:

6.1600

Accumulation limit:

200.0000

Carryover limit:

80.0000

c. Vacation – hours added as a percentage of hours worked

Leave Rate: 302 Vacation - Percentage

Leave Rate

Levels

Notes

Rate number:

302

Description:

Vacation - Percentage

Abbreviated description:

Vac

Type:

Percentage

Adjust to carryover at:

None

Initial level date based on:

Hire date

Modifier:

100.00

%

☐ Can exceed accumulation limit

Percentage

Max hours for calculation:

80.0000

Pay code hours to include in calculation:

1-00 Regular Pay

3-00 Vacation Pay

4-00 Sick Leave

7-00 Holiday Pay

9-00 Comp Time Pay

Select...

Fixed

Accrual frequency:

Pay periods

Monthly period numbers

1

2

3

4

5

...

Leave rate: Leave rate

Leave Rate: 302 Vacation - Percentage

Leave Rate Levels Notes

Level	Description
1	Vacation - 0-5 years
2	Vacation - 6+ years

Level

Level number:

Description:

Based on:

Length:

Rate/Amount:

Accumulation limit:

Carryover limit:

Leave Rate: 302 Vacation - Percentage

Leave Rate Levels Notes

Level	Description
1	Vacation - 0-5 years
2	Vacation - 6+ years

Level

Level number:

Description:

Based on:

Length:

Rate/Amount:

Accumulation limit:

Carryover limit:

- d. Sick Time – hours added every pay period. With levels for different groups that get time on the same frequency but earn differently or have different accumulation limits

Leave rate:

Leave Rate: 401 Sick Leave - Fixed Hours

Leave Rate Levels Notes

Rate number:

Description:

Abbreviated description:

Type:

Adjust to carryover at:

Initial level date based on:

Modifier: %

☐ Can exceed accumulation limit

Percentage

Max hours for calculation:

Pay code hours to include in calculation:

Fixed

Accrual frequency:

Monthly period numbers

1	2	3	4	5
A	A	A	A	A

Leave rate:

Leave Rate: 401 Sick Leave - Fixed Hours

Leave Rate Levels Notes

Level	Description
1	Sick Leave - Fixed Hours
2	Police

Level

Level number:

Description:

Based on:

Length:

Rate/Amount:



Accumulation limit:

Carryover limit:

Leave Rate: 401 Sick Leave - Fixed Hours

Leave Rate Levels Notes

Level	Description
1	Sick Leave - Fixed Hours
2	Police

Level

Level number:

Description:

Based on:

Length:

Rate/Amount:

Accumulation limit:

Carryover limit:

e. Comp Time – with manual entry setup

Leave rate:

Leave Rate: 901 Comp Time

Leave Rate **Levels** Notes

Rate number:

Description:

Abbreviated description:

Type:

Adjust to carryover at:

Initial level date based on:

Modifier: %

☒ Can exceed accumulation limit

Percentage

Max hours for calculation:

Pay code hours to include in calculation:

Fixed

Accrual frequency:

Monthly period numbers

1	2	3	4	5	
A	A	A	A	A	..

Leave Rate: 901 Comp Time

Leave Rate **Levels** Notes

Level	Description
1	Comp Time

Level

Level number:

Description:

Based on:

Length:

Rate/Amount:

Accumulation limit:

Carryover limit: