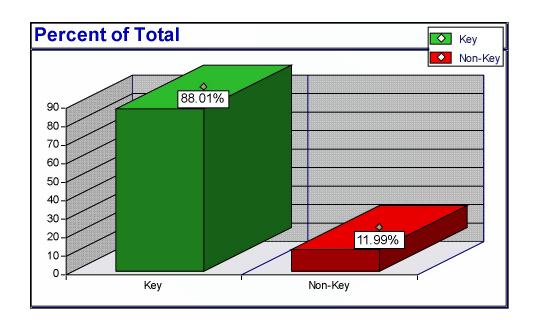
Top-Heavy Test

Sample Cash Balance Plan

For the plan year 01/01/2024 through 12/31/2024

The Plan is Top-Heavy for the Next Plan Year

Employee Classification	Employees Considered	Account Bal/PVAB	Receivable	Excluded Bal/PVAB	Prior Distributions	Adjusted Percent Bal/PVAB of Total
Key Employees	1	135,000.00	0.00	0.00	0.00	135,000.00 88.01%
Non-Key Employees	6	18,391.27	0.00	0.00	0.00	18,391.27 11.99%
Totals:	7	\$153,391.27	\$0.00	\$0.00	\$0.00	\$153,391.27 100.00%





Top-Heavy Test (Detail)

Sample Cash Balance Plan

For the plan year 01/01/2024 through 12/31/2024

						Distributions			
Key Status	Total Bal/PVAB	Receivable	Excluded Bal/PVAB	Current Year	Prior Year (-1)	Prior Year (-2)	Prior Year (-3)	Prior Year (-4)	Adjusted Bal/PVAB
Key Employe	es								
1 Cal Armst	rong								
Key	135,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135,000.00
Subtotals:									
	\$135,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$135,000.00
Non-Key Emp	loyees								
3 Larry Ligh	t new particip	ant - less than re	equired hours						
Non-Key	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Irene Stro	na								
Non-Key	5,529.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,529.38
7 Ruth Timn	nons								
Non-Key	7,629.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,629.89
8 Evie Wate	rs new partici	pant							
Non-Key	120.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.00
9 Bob Wond	ler								
Non-Key	4,212.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,212.00
99 Summer	Worth new p	articipant							
Non-Key	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	900.00
Subtotals:									
	\$18,391.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,391.27
Grand Total:	\$153,391.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$153,391.27



401(a)(26) Minimum Participation Test

Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

Passed 401(a)(26) Minimum Participation Test

Passed Method: Annual

A. Total Number of Employees	9
3. Excludable Employees	2
C. Total Not Excluded (A-B)	7
D. Total Benefiting	6
E. 40% of Total Not Excluded (C*.4)	3
F. Greater of E or 2 (or if C only 1,1)	3
G. Lesser of 50 or F	3

Passes 401(a)(26) Minimum Participation Test if (G) not greater than (D)

IRC Sec. 401(a)(26) for DB plans requires additional participation requirements, such that on each day of the plan year, the number of participants benefiting with a "meaningful" benefit is at least the lesser of:

(1) 50 non-excludable employees of the employer

Or

- (2) the greater of
 - (a) 40 percent of non-excludable employees of the employer, Or
- (b) 2 non-excludable employees (or if there is only 1 non-excludable employee, such employee)



401(a)(26) Minimum Participation Test (Detail)

Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

Passed 401(a)(26) Minimum Participation Test

			-		———— Testing —		Benefit A	Accruals	Benefit Basis ————				
H	O E	Δtt	Assumed	Past	Annual	Average		Accrued-to-	Ar	nnual	Accrue	d-to-Date	
E	X	Age	Ret Age	Svc	Compensation	Compensation	Method	Date	Rate	Benefiting	Rate	Benefiting	
No	n-Ex	cludal	bles										
1 C	al A	rmst	rong										
Υ		76	79	2	330,000.00	0.00	403.13	0.00	1.47	Υ	0.00		
3 L	arry	Ligh	t new pa	articipar	nt - less than required hou	rs							
		23	62	0	6,500.00	0.00	0.00	0.00	0.00	N	0.00		
6 lı	ene	Stro	ng										
		60	63	2	52,000.00	0.00	65.00	0.00	1.50	Υ	0.00		
7 R	uth	Timn	nons										
		82	85	2	140,000.00	0.00	153.44	0.00	1.32	Υ	0.00		
8 E	vie	Wate	rs new p	oarticipa	ant								
		23	62	1	4,000.00	0.00	6.67	0.00	2.00	Υ	0.00		
9 E	ob '	Wond	ler										
		80	83	2	69,000.00	0.00	79.69	0.00	1.39	Υ	0.00		
99	Sun	mer	Worth	new pa	rticipant								
		23	62	1	30,000.00	0.00	50.00	0.00	2.00	Υ	0.00		
		bles											
	my	Arms	strong i	neligible	e - minimum service, antic	ipated participation	7/1/2025						
Υ		40	0	0	0.00	0.00	0.00	0.00	0.00	Exc	0.00		
5 A	va I	Pearl	ineligible	e - minir	mum service, anticipated p	participation 7/1/202	5						
		51	0	0	0.00	0.00	0.00	0.00	0.00	Exc	0.00		



410(b) Minimum Coverage Test

Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

Passed 410(b) Minimum Coverage Test

I. Ratio Percentage Test - Passed

/	Passed								
Satisfie	Satisfied Plan Eligibility								
— Numbe	er of Partic	ipants —							
NHCEs	HCEs	Total							
5	1	6							
1	0	1							
6	1	7							

A. Benefiting

B. Not Benefiting

C. Total

D. Percentage (A/C) 83.33% 100.00%

E. Ratio Percentage (NHCEs/HCEs) 83.33%

(must be 70% or more)

II. Average Benefit Test - Passed

A. Nondiscriminatory Classification Test

•	Passed
NHCEs Concentration Percentage	85.71
2. Safe Harbor Percentage	31.25
3. Unsafe Harbor Percentage	21.25
4. Ratio Percentage	83.33%

All Together

B. Average Benefit Percentage Test

- 1. Average Benefit Percentage of NHCEs
- 2. Average Benefit Percentage of HCEs
- 3. Average Benefit Percentage (B1/B2) (must be 70% or more)

——— Benef	it Basis ———
Annual	Accrued-to-Date
w/o PD with PD	w/o PD with PD
1.37 1.78	
1.47 1.63	
93.20% 109.20%	,
Pass Pass	

Equiva Contribution Annu	n Basis
w/o PD	with PD
3.33	5.99
5.92	7.96
56.25%	75.25%
Fail	Pass



410(b) Minimum Coverage Test

Sample Cash Balance Plan

For the plan year 01/01/2024 through 12/31/2024

										- Percer	ntages -		
				— Tes	ting ———	—Benefit A	ccruals—		- Benefit	Basis —		Equiva Contribution	
H B C E		Att	Testing	Past	Annual	Annual	Accrued-	Ann	ual	Accrued-	to-Date	Ann	ual
		Age	Age		Compensation	Method	to-Date	w/o PD	with PD	w/o PD	with PD	w/o PD	with PD
Highly Co	тре	ensate	d										
1 Cal Arr	mstı	ong											
ΥΥ	,	76	79	2	330,000.00	403.13	907.05	1.47	1.63	0.00	0.00	5.92	7.96
Subtotals	s:				\$330,000.00			1.47	1.63	0.00	0.00	5.92	7.96
			Tot	al HCEs	1								
Average	Bene	efit Per	centage					1.47	1.63	0.00	0.00	5.92	7.96
Non-High													
				ant - less tl	nan required hours								
N	-	23	62	0	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Irene S													
Y		60	63	2	52,000.00	65.00	43.34	1.50	2.05	0.00	0.00	9.76	15.46
7 Ruth T	imn	ons											
Y		82	85	2	140,000.00	153.44	116.67	1.32	1.60	0.00	0.00	4.10	8.20
8 Evie W	ate	's n	ew particip	ant									
Y		23	62	1	4,000.00	6.67	6.67	2.00	2.50	0.00	0.00	0.70	1.40
9 Bob W	ond	er											
Y		80	83	2	69,000.00	79.69	57.50	1.39	2.03	0.00	0.00	4.74	9.48
			new pa	articipant									
Y	,	23	62	1	30,000.00	50.00	50.00	2.00	2.50	0.00	0.00	0.70	1.40
Subtotals	s:				\$301,500.00			8.21	10.68	0.00	0.00	20.00	35.94
			Total	NHCEs	6								
Average	Bene	efit Per	centage					1.37	1.78	0.00	0.00	3.33	5.99
Average B	enef	it Perc	entage Tes	st				93.20%	109.20%	0.00%	0.00%	56.25%	75.25%
								Pass	Pass	n/a	n/a	Fail	Pass



401(a)(4) Minimum Allocation Gateway

Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

Minimum Allocation Gateway -- Passed - Combined Plans Are Primarily Defined Benefit in Nature, i.e. at Least 50% of NHCEs Benefit Primarily from the DB Plan

A. Percentage of NHCEs benefiting primarily in the DB plan

B. Highest HCE DB/DC Aggregate Allocation Rate

C. Lowest NHCE DB/DC Aggregate Allocation Rate

D. Average NHCE DB Equivalent Allocation Rate

E. Lowest NHCE DB/DC Aggregate Allocation Rate (415(c) Comp)

F. Average NHCE DB Equivalent Allocation Rate (415(c) Comp)

4.00%

Treas. Reg. 1.401(a)(4)-9(b) for DC plans combined with DB plans allow 401(a)(4) cross testing (i.e. contributions are tested as equivalent benefits) if the combination:

(1) is Primarily Defined Benefit in Nature (A. is more than 50%), Or

(2) satisfies a Gateway Requirement. The Gateway is satisfied If:

(a) B. is less than 15% And no more than 3 times C.,

(b) B. is 15% to 25% And C. is at least 5%, Or

(c) B. exceeds 25% And C. is at least 5% plus 1% for each 5% increment (Or portion thereof) that B. exceeds 25%,

Or

(3) E. is 7.5% Or greater,

O

(4) consists of Broadly Available Separate Plans.



401(a)(4) Minimum Allocation Gateway (Detail)

Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

	H C E	DC Alloc Rate	DB Alloc Rate	DB Avg A Rate	ggregate Rate	DC Rate	DB Rate	DB Avg Rate	Aggregate Rate 0	Compensation
1 Cal Armstrong										
	Υ	0.00	5.92	0.00	5.92	0.00			0.00	330,000.00
6 Irene Strong										
		0.00	9.76	4.00	4.00	0.00	9.76	4.00	4.00	52,000.00
7 Ruth Timmons										
		0.00	4.10	4.00	4.00	0.00	4.10	4.00	4.00	140,000.00
8 Evie Waters new participant										
		0.00	0.70	4.00	4.00	0.00	0.70	4.00	4.00	4,000.00
9 Bob Wonder										
		0.00	4.74	4.00	4.00	0.00	4.74	4.00	4.00	69,000.00
99 Summer Worth new participant										
		0.00	0.70	4.00	4.00	0.00	0.70	4.00	4.00	30,000.00



Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

Passed 401(a)(4) General Non-Discrimination Test

A Rate Group passes if the Ratio Percentage is 70% or more, or if the plan passes the Average Benefit Percentage Test and the Rate Group's Ratio Percentage is greater than or equal to the mid-point between the Safe and Unsafe Harbor Percentages.

Average Benefit Percentage Test - Passed

NHCEs Concentration Percentage - 85.71%

Safe Harbor Percentage - 31.25%

Mid-Point - 26.25%

Unsafe Harbor Percentage - 21.25%

All Together

Passed Method: Annual without Permitted Disparity

			—Non-Highly Comp	pensated E	Employees—	— Highly Compe	nsated Emp	oloyees —		
Rate Group	Norm Rate	MVAR	Number Greater or Equal	Total	Percent in this Group	Number Greater or Equal	Total	Percent in this Group	Ratio Percent	Pass/Fail
1	1.47	1.60	3	6	50	1	1	100	50	Pass
Passed	Method: An	nual with	Permitted Disparity							
			—Non-Highly Comp	pensated E	Employees—	— Highly Compe	nsated Emp	oloyees —		
Rate	Norm	MVAR	Number Greater		Percent in	Number Greater		Percent in	Ratio	
Group	Rate		or Equal	Total	this Group	or Equal	Total	this Group	Percent	Pass/Fail
1	1.63	1.75	4	6	66.67	1	1	100	66.67	Pass
Failed	Method: Eq	uivalent A	Allocation without Pe	rmitted Dis	parity					
			—Non-Highly Comp	pensated E	Employees—	— Highly Compe	nsated Emp	oloyees —		
Rate Group	Norm Rate	MVAR	Number Greater or Equal	Total	Percent in this Group	Number Greater or Equal	Total	Percent in this Group	Ratio Percent	Pass/Fail
1	5.92	6.45	1	6	16.67	1	1	100	16.67	Fail
Passed	Method: Eq	uivalent A	Allocation with Permi	tted Dispar	rity					
			—Non-Highly Comp	pensated E	Employees—	— Highly Compe	nsated Emp	oloyees —		
Rate	Norm	MVAR	Number Greater		Percent in	Number Greater		Percent in	Ratio	
Group	Rate		or Equal	Total	this Group	or Equal	Total	this Group	Percent	Pass/Fail



Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

All Together

Passed Method: Annual without Permitted Disparity

	H Rate C Norm M E	M\/AD =	Rate Group 1 ≥ 1.47 ≥ 1.60	
1 Cal Armstrong	Y 1.47	1.60	Υ	
	Number of HCEs in group:		1	
	Total number of HCEs:		1	
	Percent of HCEs:		100%	
3 Larry Light	0.00	0.00	*	
6 Irene Strong	1.50	1.66	Υ	
7 Ruth Timmons	1.32	1.43	*	
8 Evie Waters	2.00	6.63	Υ	
9 Bob Wonder	1.39	1.51	*	
99 Summer Worth	2.00	6.66	Υ	
	Number of NHCE's in group:		3	
	Total number of NHCEs:		6	
	Percent of NHCEs		50%	

Ratio percent of NHCEs/HCEs: 50%

Pass



Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

All Together

Passed Method: Annual with Permitted Disparity

1 Cal Armstrong	Y 1.63	1.75	Y	
	Number of HCEs in group:		1	
	Total number of HCEs:		1	
	Percent of HCEs:		100%	
3 Larry Light	0.00	0.00	*	
6 Irene Strong	2.05	2.21	Υ	
7 Ruth Timmons	1.60	1.72	*	
8 Evie Waters	2.50	7.13	Υ	
9 Bob Wonder	2.03	2.16	Υ	
99 Summer Worth	2.50	7.16	Υ	
	Number of NHCE's in group:		4	
	Total number of NHCEs:		6	
	Percent of NHCEs		66.67%	

Ratio percent of NHCEs/HCEs: 66.67%

Pass



Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

All Together

Failed Method: Equivalent Allocation without Permitted Disparity

 $\begin{tabular}{lll} Rate & Group 1 \\ H & Rate & \\ C & Norm & MVAR & \ge & 5.92 \\ E & & 0.45 \\ \hline \end{tabular}$

1 Cal Armstrong	Y 5.92	6.45	Υ	
	Number of HCEs in group:		1	
	Total number of HCEs:		1	
	Percent of HCEs:		100%	
3 Larry Light	0.00	0.00	*	
6 Irene Strong	9.76	10.79	Υ	
7 Ruth Timmons	4.10	4.46	*	
8 Evie Waters	0.70	2.34	*	
9 Bob Wonder	4.74	5.17	*	
99 Summer Worth	0.70	2.35	*	
	Number of NHCE's in group	:	1	
	Total number of NHCEs:		6	
	Percent of NHCEs		16.67%	

Ratio percent of NHCEs/HCEs: 16.67%

Fail



Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

All Together

Passed Method: Equivalent Allocation with Permitted Disparity

1 Cal Armstrong	Y 7.96	8.66	Υ	
	Number of HCEs in group:		1	
	Total number of HCEs:		1	
	Percent of HCEs:		100%	
3 Larry Light	0.00	0.00	*	
6 Irene Strong	15.46	16.49	Υ	
7 Ruth Timmons	8.20	8.92	Υ	
8 Evie Waters	1.40	4.68	*	
9 Bob Wonder	9.48	10.34	Υ	
99 Summer Worth	1.40	4.70	*	
	Number of NHCE's in group	D:	3	
	Total number of NHCEs:		6	
	Percent of NHCEs		50%	
Datia managara (Allife	05-4105-		500/	
Ratio percent of NH0	CES/HCES:		50%	

Pass



401(a)(4) Most Valuable Benefit Percentages

Sample Cash Balance Plan

For the plan year 01/01/2024 through 12/31/2024

						-	Benefit Percentages							
	Testing				esting —————		— Benefit B	Equivalent Contrib Basis						
H C		Att	Ret	Testing Past	Average	Ann	iual	Accrued	-to-Date	Annual				
Ĕ		Age	Age	Age	Svc	Compensation	w/o PD	with PD	w/o PD	with PD	w/o PD	with PD		
1 Cal	Arms	strong												
	Υ	76	79	79	2	0.00	1.60	1.75	0.00	0.00	6.45	8.66		
3 Larr	ry Liç	jht r	new pa	articipant	- less t	han required hours								
		23	62	2 62	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6 Iren	e Str	ong												
	Υ	60	63	63	2	0.00	1.66	2.21	0.00	0.00	10.79	16.49		
7 Rutl	h Tin	nmons	;											
	Υ	82	85	85	2	0.00	1.43	1.72	0.00	0.00	4.46	8.92		
8 Evi €	• Wat	ers	new p	articipan	it									
	Υ	23	62	2 62	1	0.00	6.63	7.13	0.00	0.00	2.34	4.68		
9 Bob	Wor	nder												
	Υ	80	83	83	2	0.00	1.51	2.16	0.00	0.00	5.17	10.34		
99 Su	mme	r Wor	t h r	new parti	cipant									
	Υ	23	62	62	1	0.00	6.66	7.16	0.00	0.00	2.35	4.70		



410(b)/401(a)(4) Worksheet

Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

Discrimination Test Assumptions:

HCE Determination - Based on all employees

Otherwise Excludable - Otherwise Excludable HCEs are included with the Not Otherwise Excludable employees

410(b)/401(a)(4) Testing:

Pre-Retirement - Interest - 8.5%

Post-Retirement - Interest - 8.5%

Mortality Table - U84 - 1984 Unisex

Permissively Aggregated Plans - Tested as a Single Plan

Compensation - Use current compensation to calculate the benefit accrual rate (annual method)

Testing Age - Normal retirement age or attained age, if older

Normal Form for MVAR - Joint with 100% Survivor Benefits

Allocation for DB is Equivalent Allocation and Accrual for DC is Equivalent Accrual



410(b)/401(a)(4) Worksheet

Sample Cash Balance Plan For the plan year 01/01/2024 through 12/31/2024

1 Cal Arm	nstroi	ng															
H O	Benefi	itina —	_			- Test	ing				Annuity			Permitte		mitted T	
CL							- —DC Past						/ered	Disparit		parity He	
							4) 410(b) 40			actor		Compens			-		nıy
Y Y	N	N	76	79	2	2	2	2	1	.2773	61.9391	\$69,99	96.00	5.70		0.750	
										Lumn	Sum at		DD 44i	— Norn	— Rat nal —		AR —
Method		Type		С	C Value	Accru	ed Benefit	Testin	ng Comp		ting Age			w/o PD			
Annual A	llocati	• • •	DC		0.00		0.00		0,000.00		0.00	0.00		0.00	0.00	0.00	0.0
7 tilliaai 7 t			DB	19	9,548.67		403.13	001	3,000.00		0.00	0.00		5.92	7.96	6.45	8.6
		401(k) SH		0.00		0.00							0.00	0.00	0.00	0.0
	To	tal 401(a	a)(4)	19	9,548.67		403.13						С	5.92	7.96	6.45	8.6
		401(,		0.00		0.00							0.00	0.00		
		Total 41		19	9,548.67		403.13							5.92	7.96		
Annual A	ccrua	I	DC		0.00		0.00	330	0,000.00		0.00	0.00		0.00	0.00	0.00	0.0
		404/1	DB	19	9,548.67		403.13				0.00	0.00		1.47	1.63	1.60	1.7
	То	401(k tal 401(a			0.00		0.00				0.00	0.00	_	0.00	0.00	0.00	0.00
	10	401(a		13	9,548.67		403.13				0.00	0.00	D		1.63	1.60	1.7
		Total 41	,	1	0.00 9,548.67		0.00 403.13				0.00	0.00		0.00 1.47	0.00 1.63		
Accrued-			DC	- 13	0.00		0.00		0.00		0.00	0.00		0.00	0.00	0.00	0.0
Accided	io-Dai	.6	DB		0.00		1,814.10		0.00		0.00	0.00		0.00	0.00	0.00	0.0
		401(k) SH		0.00		0.00				0.00	0.00		0.00	0.00	0.00	0.00
	To	tal 401(a	a)(4)		0.00		1,814.10				0.00			0.00	0.00	0.00	0.0
		401(k/m)		0.00		0.00				0.00	0.00		0.00	0.00		
		Total 41	0(b)		0.00		1,814.10				0.00			0.00	0.00		
6 Irene St	rong																
HO						- Test	ing —				Annuity			Permitte	d Peri	mitted T	-ор
C L							- DC Past						/ered	Disparit	y Dis	parity He	eavy
E X ER 4							4) 410(b) 40			actor		Compens		` `	<u>′</u>	· ,	nly
Υ	Ν	N	60	63	2	2	2	2	1	.2773	99.7222	\$120,84	40.00	5.70		0.550	
										Luman	Cum of	,	טט איל:	— Norn	— Rat	es —	ΛP
Method		Туре		Г	C Value	Accru	ed Benefit	Testin	ng Comp		Sum at ting Age			w/o PD			
Annual A	llocati		DC		0.00	7 1001 0	0.00		2,000.00		0.00	0.00	rtato	0.00	0.00	0.00	0.0
Alliluai A	iiocati	ion	DB		5,074.72		65.00	52	2,000.00		0.00	0.00		9.76	15.46	10.79	16.49
		401(k			0.00		0.00							0.00	0.00	0.00	0.0
	To	tal 401(a	a)(4)		5,074.72		65.00						В	9.76	15.46	10.79	16.49
		401(0.00		0.00							0.00	0.00		
		Total 41	0(b)		5,074.72		65.00							9.76	15.46		
Annual A			DC		0.00		0.00	52	2,000.00		0.00	0.00		0.00	0.00	0.00	0.0
		46.47	DB	;	5,074.72		65.00							1.50	2.05	1.66	2.2
	_	401(k			0.00		0.00				0.00	0.00		0.00	0.00	0.00	0.0
	10	tal 401(a			5,074.72		65.00				0.00		В		2.05	1.66	2.2
		401(0.00		0.00				0.00	0.00		0.00	0.00		
A		Total 41		,	5,074.72		65.00		0.00		0.00	0.00		1.50	2.05	- 0.00	0.0
Accrued-	to-Dat	e	DC DB		0.00		0.00 86.67		0.00		0.00	0.00		0.00 0.00	0.00	0.00	0.0 0.0
		401(k			0.00		0.00				0.00	0.00		0.00	0.00	0.00	0.0
	To	tal 401(a			0.00		86.67				0.00	0.00		0.00	0.00	0.00	0.0
	. •	401(0.00		0.00				0.00	0.00		0.00	0.00	5.00	0.0
		Total 41			0.00		86.67				0.00			0.00	0.00		
																	1