



See a Social Security Number? Say Something!
Report Privacy Problems to <https://public.resource.org/privacy>
Or call the IRS Identity Theft Hotline at 1-800-908-4490



Form **990-PF**

Department of the Treasury
Internal Revenue Service

Return of Private Foundation
or Section 4947(a)(1) Nonexempt Charitable Trust
Treated as a Private Foundation

Note. The foundation may be able to use a copy of this return to satisfy state reporting requirements

OMB No 1545-0052

2012

Open to Public Inspection

For calendar year 2012, or tax year beginning 01-01-2012 , and ending 12-31-2012

Name of foundation THE ALAN AND JEANNE HALL FOUNDATION		A Employer identification number 87-0644251	
Number and street (or P O box number if mail is not delivered to street address) 5929 S FASHION POINT DRIVE STE 300		Room/suite 	
City or town, state, and ZIP code OGDEN, UT 84403		B Telephone number (see instructions) (801) 621-1575	
G Check all that apply ☐ Initial return ☐ Final return ☐ Address change ☐ Initial return of a former public charity ☐ Amended return ☐ Name change		C If exemption application is pending, check here ☐	
H Check type of organization ☒ Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation		D 1. Foreign organizations, check here ☐ 2. Foreign organizations meeting the 85% test, check here and attach computation ☐	
I Fair market value of all assets at end of year (from Part II, col. (c), line 16) \$ 13,973,811		E If private foundation status was terminated under section 507(b)(1)(A), check here ☐ F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here ☐	
J Accounting method ☒ Cash ☐ Accrual ☐ Other (specify) _____ (Part I, column (d) must be on cash basis.)			

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions))		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
Revenue	1 Contributions, gifts, grants, etc , received (attach schedule)	1,666,410			
	2 Check ☐ if the foundation is not required to attach Sch B				
	3 Interest on savings and temporary cash investments				
	4 Dividends and interest from securities.	357,891	357,891		
	5a Gross rents				
	b Net rental income or (loss) _____				
	6a Net gain or (loss) from sale of assets not on line 10	296,533			
	b Gross sales price for all assets on line 6a <u>2,774,418</u>				
	7 Capital gain net income (from Part IV, line 2)		296,533		
	8 Net short-term capital gain				
	9 Income modifications				
	10a Gross sales less returns and allowances				
Operating and Administrative Expenses	b Less Cost of goods sold				
	c Gross profit or (loss) (attach schedule)				
	11 Other income (attach schedule)	3,006	3,006		
	12 Total. Add lines 1 through 11	2,323,840	657,430		
	13 Compensation of officers, directors, trustees, etc	0	0		0
	14 Other employee salaries and wages				
	15 Pension plans, employee benefits				
	16a Legal fees (attach schedule)				
	b Accounting fees (attach schedule)				
	c Other professional fees (attach schedule)	51,191	51,191		0
	17 Interest				
	18 Taxes (attach schedule) (see instructions)	2,019	2,019		0
	19 Depreciation (attach schedule) and depletion				
	20 Occupancy				
	21 Travel, conferences, and meetings				
	22 Printing and publications				
	23 Other expenses (attach schedule)	25,287	6,684		0
	24 Total operating and administrative expenses. Add lines 13 through 23	78,497	59,894		0
	25 Contributions, gifts, grants paid	956,968			956,968
	26 Total expenses and disbursements. Add lines 24 and 25	1,035,465	59,894		956,968
	27 Subtract line 26 from line 12				
	a Excess of revenue over expenses and disbursements	1,288,375			
	b Net investment income (if negative, enter -0-)		597,536		
	c Adjusted net income (if negative, enter -0-)				

Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only (See instructions)	Beginning of year	End of year	
			(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1	Cash—non-interest-bearing			
	2	Savings and temporary cash investments	437,068	637,394	637,394
	3	Accounts receivable ▶ _____ Less allowance for doubtful accounts ▶ _____			
	4	Pledges receivable ▶ _____ Less allowance for doubtful accounts ▶ _____			
	5	Grants receivable			
	6	Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see page 15 of the instructions)			
	7	Other notes and loans receivable (attach schedule) ▶ _____ Less allowance for doubtful accounts ▶ _____			
	8	Inventories for sale or use			
	9	Prepaid expenses and deferred charges			
	10a	Investments—U S and state government obligations (attach schedule)			
	b	Investments—corporate stock (attach schedule)			
	c	Investments—corporate bonds (attach schedule).	1,437,320	844,627	1,043,349
	11	Investments—land, buildings, and equipment basis ▶ _____ Less accumulated depreciation (attach schedule) ▶ _____			
	12	Investments—mortgage loans			
	13	Investments—other (attach schedule)	9,552,371	11,580,970	12,293,068
	14	Land, buildings, and equipment basis ▶ _____ Less accumulated depreciation (attach schedule) ▶ _____			
15	Other assets (describe ▶ _____)				
16	Total assets (to be completed by all filers—see the instructions Also, see page 1, item I)	11,426,759	13,062,991	13,973,811	
Liabilities	17	Accounts payable and accrued expenses			
	18	Grants payable			
	19	Deferred revenue			
	20	Loans from officers, directors, trustees, and other disqualified persons			
	21	Mortgages and other notes payable (attach schedule)			
	22	Other liabilities (describe ▶ _____)			
	23	Total liabilities (add lines 17 through 22)	0	0	
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ▶ ☐ and complete lines 24 through 26 and lines 30 and 31.				
	24	Unrestricted			
	25	Temporarily restricted			
	26	Permanently restricted			
	Foundations that do not follow SFAS 117, check here ▶ ☒ and complete lines 27 through 31.				
	27	Capital stock, trust principal, or current funds	0	0	
	28	Paid-in or capital surplus, or land, bldg , and equipment fund	0	0	
	29	Retained earnings, accumulated income, endowment, or other funds	11,426,759	13,062,991	
	30	Total net assets or fund balances (see page 17 of the instructions)	11,426,759	13,062,991	
	31	Total liabilities and net assets/fund balances (see page 17 of the instructions)	11,426,759	13,062,991	

Part III Analysis of Changes in Net Assets or Fund Balances		
1	Total net assets or fund balances at beginning of year—Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year’s return)	11,426,759
2	Enter amount from Part I, line 27a	1,288,375
3	Other increases not included in line 2 (itemize) ▶ _____	347,857
4	Add lines 1, 2, and 3	13,062,991
5	Decreases not included in line 2 (itemize) ▶ _____	0
6	Total net assets or fund balances at end of year (line 4 minus line 5)—Part II, column (b), line 30	13,062,991

Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)		(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
1a	See Additional Data Table			
b				
c				
d				
e				

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
a See Additional Data Table			
b			
c			
d			
e			

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69

(i) F M V as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col (i) over col (j), if any	(l) Gains (Col (h) gain minus col (k), but not less than -0-) or Losses (from col (h))
a See Additional Data Table			
b			
c			
d			
e			

2	Capital gain net income or (net capital loss)	{ If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7 }	2	296,533
3	Net short-term capital gain or (loss) as defined in sections 1222(5) and (6) If gain, also enter in Part I, line 8, column (c) (see instructions) If (loss), enter -0- in Part I, line 8		3	

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income)

If section 4940(d)(2) applies, leave this part blank

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? ☐ Yes ☒ No

If "Yes," the foundation does not qualify under section 4940(e) Do not complete this part

1 Enter the appropriate amount in each column for each year, see page 18 of the instructions before making any entries

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col (b) divided by col (c))
2011	567,066	11,899,555	0 047654
2010	826,733	11,948,303	0 069193
2009	760,480	11,547,987	0 065854
2008	684,619	14,144,584	0 048401
2007	688,585	14,051,484	0 049004

2	Total of line 1, column (d).	2	0 280106
3	Average distribution ratio for the 5-year base period—divide the total on line 2 by 5, or by the number of years the foundation has been in existence if less than 5 years	3	0 056021
4	Enter the net value of noncharitable-use assets for 2012 from Part X, line 5.	4	11,940,515
5	Multiply line 4 by line 3.	5	668,920
6	Enter 1% of net investment income (1% of Part I, line 27b).	6	5,975
7	Add lines 5 and 6.	7	674,895
8	Enter qualifying distributions from Part XII, line 4.	8	956,968

If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate See
the Part VI instructions

Part VIExcise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948—see page 18 of the instructions)

1a		Exempt operating foundations described in section 4940(d)(2), check here ☐ and enter "N/A" on line 1			
		Date of ruling or determination letter _____ (attach copy of letter if necessary—see instructions)			
b		Domestic foundations that meet the section 4940(e) requirements in Part V, check here ☒ and enter 1% of Part I, line 27b		1	5,975
c		All other domestic foundations enter 2% of line 27b Exempt foreign organizations enter 4% of Part I, line 12, col (b)			
2		Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only Others enter -0-)		2	0
3		Add lines 1 and 2.		3	5,975
4		Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only Others enter -0-)		4	0
5		Tax based on investment income. Subtract line 4 from line 3 If zero or less, enter -0-		5	5,975
6		Credits/Payments			
a		2012 estimated tax payments and 2011 overpayment credited to 2012	6a	14,000	
b		Exempt foreign organizations—tax withheld at source	6b		
c		Tax paid with application for extension of time to file (Form 8868)	6c		
d		Backup withholding erroneously withheld	6d		
7		Total credits and payments Add lines 6a through 6d.		7	14,000
8		Enter any penalty for underpayment of estimated tax Check here ☒ if Form 2220 is attached		8	49
9		Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed		9	
10		Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid.		10	7,976
11		Enter the amount of line 10 to be Credited to 2013 estimated tax	7,976	Refunded	0

Part VII-AStatements Regarding Activities

1a	During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?		Yes	No
		1a		No
b	Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see page 19 of the instructions for definition)?			No
	If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities.			
c	Did the foundation file Form 1120-POL for this year?	1c		No
d	Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year (1) On the foundation \$ _____ 0 (2) On foundation managers \$ _____ 0			
e	Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers \$ _____ 0			
2	Has the foundation engaged in any activities that have not previously been reported to the IRS? If "Yes," attach a detailed description of the activities.	2		No
3	Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes	3		No
4a	Did the foundation have unrelated business gross income of \$1,000 or more during the year?	4a		No
b	If "Yes," has it filed a tax return on Form 990-T for this year?	4b		
5	Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by General Instruction T.	5		No
6	Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	6	Yes	
7	Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col (c), and Part XV	7	Yes	
8a	Enter the states to which the foundation reports or with which it is registered (see instructions) UT _____			
b	If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If "No," attach explanation .	8b	Yes	
9	Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2012 or the taxable year beginning in 2012 (see instructions for Part XIV)? If "Yes," complete Part XIV	9		No
10	Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses	10		No

Part VII-A

Statements Regarding Activities *(continued)*

11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions).	11		No
12	Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions)	12		No
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application?	13	Yes	
Website address ▶WWW.HALLFOUNDATION.COM				
14	The books are in care of ▶ALAN HALLTelephone no ▶(801) 621-1575 Located at ▶5929 S FASHION POINT DRIVE STE 300 OGDEN UTZIP +4 ▶844 03			
15	Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 —Check here ▶ ☐ and enter the amount of tax-exempt interest received or accrued during the year ▶	15		
16	At any time during calendar year 2012, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country?	16		No
See instructions for exceptions and filing requirements for Form TD F 90-22.1 If "Yes", enter the name of the foreign country ▶				

Part VII-B

Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.			Yes	No
1a	During the year did the foundation (either directly or indirectly) (1) Engage in the sale or exchange, or leasing of property with a disqualified person? ☐ Yes ☒ No (2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?. ☐ Yes ☒ No (3) Furnish goods, services, or facilities to (or accept them from) a disqualified person? ☐ Yes ☒ No (4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person? ☐ Yes ☒ No (5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?. ☐ Yes ☒ No (6) Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days). ☐ Yes ☒ No			
b	If any answer is "Yes" to 1a(1)–(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see page 20 of the instructions)?. . . Organizations relying on a current notice regarding disaster assistance check here. ▶ ☐	1b		
c	Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2012?.	1c		No
2	Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5))			
a	At the end of tax year 2012, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2012?. ☐ Yes ☒ No If "Yes," list the years ▶ 20____, 20____, 20____, 20____			
b	Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement—see instructions).	2b		
c	If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here ▶ 20____, 20____, 20____, 20____			
3a	Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year?. ☐ Yes ☒ No			
b	If "Yes," did it have excess business holdings in 2012 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969, (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest, or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? (<i>Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2012.</i>).	3b		
4a	Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?	4a		No
b	Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2012?	4b		No

Part VII-B

Statements Regarding Activities for Which Form 4720 May Be Required (continued)

5a	During the year did the foundation pay or incur any amount to			
	(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))?	☐ Yes ☒ No		
	(2) Influence the outcome of any specific public election (see section 4955), or to carry on, directly or indirectly, any voter registration drive?	☐ Yes ☒ No		
	(3) Provide a grant to an individual for travel, study, or other similar purposes?	☐ Yes ☒ No		
	(4) Provide a grant to an organization other than a charitable, etc , organization described in section 509(a)(1), (2), or (3), or section 4940(d)(2)? (see instructions).	☐ Yes ☒ No		
	(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals?	☐ Yes ☒ No		
b	If any answer is "Yes" to 5a(1)–(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)?	5b		
	Organizations relying on a current notice regarding disaster assistance check here.	☒		
c	If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant?	☐ Yes ☐ No		
	If "Yes," attach the statement required by Regulations section 53.4945–5(d).			
6a	Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	☐ Yes ☒ No		
b	Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	6b		No
	If "Yes" to 6b, file Form 8870.			
7a	At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction?	☐ Yes ☒ No		
b	If yes, did the foundation receive any proceeds or have any net income attributable to the transaction?	7b		

Part VIII

Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors

1 List all officers, directors, trustees, foundation managers and their compensation (see instructions).				
(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
See Additional Data Table				
2 Compensation of five highest-paid employees (other than those included on line 1—see instructions). If none, enter "NONE."				
(a) Name and address of each employee paid more than \$50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
NONE				
Total number of other employees paid over \$50,000.				0

Part VIII

Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors (continued)

3 Five highest-paid independent contractors for professional services (see instructions). If none, enter "NONE".		
(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
NONE		
Total number of others receiving over \$50,000 for professional services.		0

Part IX-A

Summary of Direct Charitable Activities

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.	Expenses
1	
2	
3	
4	

Part IX-B

Summary of Program-Related Investments (see instructions)

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2	Amount
1	
2	
All other program-related investments. See page 24 of the instructions.	
3	
Total. Add lines 1 through 3.	0

Part X

Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc , purposes		
a	Average monthly fair market value of securities.	1a	11,652,384
b	Average of monthly cash balances.	1b	469,966
c	Fair market value of all other assets (see instructions).	1c	0
d	Total (add lines 1a, b, and c).	1d	12,122,350
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation).	1e	0
2	Acquisition indebtedness applicable to line 1 assets.	2	0
3	Subtract line 2 from line 1d.	3	12,122,350
4	Cash deemed held for charitable activities Enter 1 1/2% of line 3 (for greater amount, see instructions).	4	181,835
5	Net value of noncharitable-use assets. Subtract line 4 from line 3 Enter here and on Part V, line 4	5	11,940,515
6	Minimum investment return. Enter 5% of line 5.	6	597,026

Part XI

Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here ☐ and do not complete this part.)

1	Minimum investment return from Part X, line 6.	1	597,026
2a	Tax on investment income for 2012 from Part VI, line 5.	2a	5,975
b	Income tax for 2012 (This does not include the tax from Part VI).	2b	
c	Add lines 2a and 2b.	2c	5,975
3	Distributable amount before adjustments Subtract line 2c from line 1.	3	591,051
4	Recoveries of amounts treated as qualifying distributions.	4	0
5	Add lines 3 and 4.	5	591,051
6	Deduction from distributable amount (see instructions).	6	0
7	Distributable amount as adjusted Subtract line 6 from line 5 Enter here and on Part XIII, line 1.	7	591,051

Part XII

Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc , purposes		
a	Expenses, contributions, gifts, etc —total from Part I, column (d), line 26.	1a	956,968
b	Program-related investments—total from Part IX-B.	1b	0
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc , purposes.	2	
3	Amounts set aside for specific charitable projects that satisfy the		
a	Suitability test (prior IRS approval required).	3a	
b	Cash distribution test (attach the required schedule).	3b	
4	Qualifying distributions. Add lines 1a through 3b Enter here and on Part V, line 8, and Part XIII, line 4	4	956,968
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income Enter 1% of Part I, line 27b (see instructions).	5	5,975
6	Adjusted qualifying distributions. Subtract line 5 from line 4.	6	950,993
Note: The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years			

Part XIII

Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2011	(c) 2011	(d) 2012
1 Distributable amount for 2012 from Part XI, line 7				591,051
2 Undistributed income, if any, as of the end of 2012				
a Enter amount for 2011 only.			0	
b Total for prior years 20____, 20____, 20____		0		
3 Excess distributions carryover, if any, to 2012				
a From 2007.	25,379			
b From 2008.				
c From 2009.	190,231			
d From 2010.	238,700			
e From 2011.				
f Total of lines 3a through e.	454,310			
4 Qualifying distributions for 2012 from Part XII, line 4 ▶ \$ 956,968				
a Applied to 2011, but not more than line 2a			0	
b Applied to undistributed income of prior years (Election required—see instructions).		0		
c Treated as distributions out of corpus (Election required—see instructions).	0			
d Applied to 2012 distributable amount.				591,051
e Remaining amount distributed out of corpus	365,917			
5 Excess distributions carryover applied to 2012 (If an amount appears in column (d), the same amount must be shown in column (a).)	0			0
6 Enter the net total of each column as indicated below:				
a Corpus Add lines 3f, 4c, and 4e Subtract line 5	820,227			
b Prior years' undistributed income Subtract line 4b from line 2b.		0		
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed.		0		
d Subtract line 6c from line 6b Taxable amount—see instructions		0		
e Undistributed income for 2011 Subtract line 4a from line 2a Taxable amount—see instructions			0	
f Undistributed income for 2012 Subtract lines 4d and 5 from line 1 This amount must be distributed in 2013.				0
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (see instructions).	0			
8 Excess distributions carryover from 2007 not applied on line 5 or line 7 (see instructions). . . .	25,379			
9 Excess distributions carryover to 2013. Subtract lines 7 and 8 from line 6a.	794,848			
10 Analysis of line 9				
a Excess from 2008. . . .				
b Excess from 2009. . . .	190,231			
c Excess from 2010. . . .	238,700			
d Excess from 2011. . . .				
e Excess from 2012. . . .	365,917			

Part XIV

Private Operating Foundations (see instructions and Part VII-A, question 9)

1a

If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2012, enter the date of the ruling.

b

Check box to indicate whether the organization is a private operating foundation described in section 4942(j)(3) or 4942(j)(5)

☐ 4942(j)(3) or ☐ 4942(j)(5)

2a	Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed.	Tax year	Prior 3 years			(e) Total
		(a) 2012	(b) 2011	(c) 2010	(d) 2009	
b	85% of line 2a					
c	Qualifying distributions from Part XII, line 4 for each year listed.					
d	Amounts included in line 2c not used directly for active conduct of exempt activities.					
e	Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c.					
3	Complete 3a, b, or c for the alternative test relied upon					
a	"Assets" alternative test—enter					
	(1) Value of all assets					
	(2) Value of assets qualifying under section 4942(j)(3)(B)(i)					
b	"Endowment" alternative test— enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed.					
c	"Support" alternative test—enter					
	(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties).					
	(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii).					
	(3) Largest amount of support from an exempt organization					
	(4) Gross investment income					

Part XV

Supplementary Information (Complete this part only if the organization had \$5,000 or more in assets at any time during the year—see instructions.)

1

Information Regarding Foundation Managers:

a

List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000) (See section 507(d)(2))

See Additional Data Table

b

List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest

2

Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:

Check here ☒ if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc. (see instructions) to individuals or organizations under other conditions, complete items 2a, b, c, and d.

a

The name, address, and telephone number of the person to whom applications should be addressed

b

The form in which applications should be submitted and information and materials they should include

c

Any submission deadlines

d

Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors

Part XV

Supplementary Information (continued)

3 Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a Paid during the year See Additional Data Table				
Total			3a	956,968
b Approved for future payment				
Total			3b	0

Enter gross amounts unless otherwise indicated

Part XVI-B Relationship of Activities to the Accomplishment of Exempt Purposes

Form **990-PF** (2012)

Did the organization directly or indirectly engage in any of the following with any other organization described in section 501(c) of the Code (other than section 501(c)(3) organizations) or in section 527, relating to political organizations?		Yes	No
a Transfers from the reporting foundation to a noncharitable exempt organization of			
(1) Cash.			No
(2) Other assets.			No
b Other transactions			
(1) Sales of assets to a noncharitable exempt organization.			No
(2) Purchases of assets from a noncharitable exempt organization.			No
(3) Rental of facilities, equipment, or other assets.			No
(4) Reimbursement arrangements.			No
(5) Loans or loan guarantees.			No
(6) Performance of services or membership or fundraising solicitations.			No
c Sharing of facilities, equipment, mailing lists, other assets, or paid employees.			No
d If the answer to any of the above is "Yes," complete the following schedule. Column (b) should always show the fair market value of the goods, other assets, or services given by the reporting foundation. If the foundation received less than fair market value in any transaction or sharing arrangement, show in column (d) the value of the goods, other assets, or services received			

a Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) of the Code (other than section 501(c)(3)) or in section 527? ☐ Yes ☒ No

(a) Name of organization	(b) Type of organization	(c) Description of relationship

May the IRS discuss this return with the preparer shown below (see instr)? ☒ **Yes** ☐ **No**

Form **990-PF** (2012)

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
CAMPBELL FUND TRUST	P	2012-01-01	2012-12-31
SERIES BALANCED 2	P	2012-01-01	2012-12-31
EAGLE AGGRESSIVE GROWTH PARTNERS II	P	2012-01-01	2012-12-31
EAGLE AGGRESSIVE GROWTH PARTNERS II	P	2011-01-01	2012-12-31
CPG MULTI-EVENT FUND, LLC	P	2011-01-01	2012-12-31
2514 MULTI STRATEGY FUND	P	2011-01-01	2012-12-31
RAYMOND JAMES	P	2012-01-01	2012-12-31
RAYMOND JAMES	P	2011-01-01	2012-12-31
CAPITAL GAINS DIVIDENDS	P		

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
5,598			5,598
74			74
		2,282	-2,282
11,009			11,009
361,701		393,397	-31,696
22,398			22,398
389,072		436,571	-47,499
1,923,316		1,645,635	277,681
61,250			61,250

Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col (h) gain minus col (k), but not less than -0-) or Losses (from col (h))
(i) F M V as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col (i) over col (j), if any	
			5,598
			74
			-2,282
			11,009
			-31,696
			22,398
			-47,499
			277,681
			61,250

Form 990PF Part VIII Line 1 - List all officers, directors, trustees, foundation managers and their compensation

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
ALAN E HALL	PRESIDENT 0 00	0	0	0
4421 S 1800 W ROY,UT 84067				
JEANNIE HALL	TRUSTEE 0 00	0	0	0
4421 S 1800 W ROY,UT 84067				
AARON HALL	TRUSTEE 0 00	0	0	0
570 E 3600 N NORTH OGDEN,UT 84414				
LAURA WEST	TRUSTEE 0 00	0	0	0
3848 W 5575 S ROY,UT 84067				
ADAM HALL	TRUSTEE 0 00	0	0	0
831 W 3875 S RIVERDALE,UT 84405				
ERIC HALL	TRUSTEE 0 00	0	0	0
3862 SOUTH 850 WEST RIVERDALE,UT 84405				
CHRISTIAN HALL	TRUSTEE 0 00	0	0	0
488 W INDIAN CAMP ROAD OGDEN,UT 84404				
MEGAN FUNK	TRUSTEE 0 00	0	0	0
2421 NORTH 400 EAST N3 NORTH OGDEN,UT 84414				
KIM HALL	TRUSTEE 0 00	0	0	0
570 E 3600 N NORTH OGDEN,UT 84414				
CAMI HALL	TRUSTEE 0 00	0	0	0
3862 SOUTH 850 WEST RIVERDALE,UT 84405				
MATT WEST	TRUSTEE 0 00	0	0	0
3848 W 5575 S ROY,UT 84067				
EMILY HALL	TRUSTEE 0 00	0	0	0
488 W INDIAN CAMP ROAD OGDEN,UT 84404				
CURTIS FUNK	TRUSTEE 0 00	0	0	0
2421 NORTH 400 EAST N3 NORTH OGDEN,UT 84414				
ANNETTE HALL	TRUSTEE 0 00	0	0	0
831 W 3875 S RIVERDALE,UT 84405				

Form 990PF Part XV Line 1a - List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000).

ALAN E HALL
JEANNIE HALL

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a Paid during the year				
AMERICAN RED CROSS 2955 HARRISON BLVD 204 OGDEN,UT 84403	NONE	PUBLIC CHARITY	GENERAL FUNDS	15,000
BOYS & GIRLS CLUB OF WEBERDAVIS 2475 WASHINGTON BLVD OGDEN,UT 84401	NONE	PUBLIC CHARITY	GENERAL FUNDS	112,000
BYU - HAWAII 55-220 KULANUI STREET LAIE,HI 96762	NONE	PUBLIC CHARITY	GENERAL FUNDS	10,000
CATHOLIC COMMUNITY SERVICES 745 EAST 300 SOUTH SALT LAKE CITY,UT 84103	NONE	PUBLIC CHARITY	GENERAL FUNDS	60,000
DAVIS EDUCATION ASSOCIATION 85 S 185 E FARMINGTON,UT 84025	NONE	PUBLIC CHARITY	GENERAL FUNDS	1,000
ECCLES COMMUNITY ART CENTER 2580 JEFFERSON AVENUE OGDEN,UT 84401	NONE	PUBLIC CHARITY	GENERAL FUNDS	1,000
FAMILY COUNSELING SERVICES 3518 WASHINGTON BLVD OGDEN,UT 84403	NONE	PUBLIC CHARITY	GENERAL FUNDS	1,000
GREATER WASHINGTON EDUCATION 3939 CAMPBELL AVENUE ARLINGTON,VA 22206	NONE	PUBLIC CHARITY	GENERAL FUNDS	20,000
JEWISH COMMUNITY CENTER 2 N MEDICAL DR SALT LAKE CITY,UT 84113	NONE	PUBLIC CHARITY	GENERAL FUNDS	700
LDS BUSINESS COLLEGE 95 NORTH 300 WEST SALT LAKE CITY,UT 84101	NONE	PUBLIC SCHOOL FOUNDA	GENERAL FUNDS	20,000
MIDTOWN COMMUNITY HEALTH CENTER 2240 ADAMS AVE OGDEN,UT 84401	NONE	PUBLIC CHARITY	GENERAL FUNDS	125,000
OGDEN NATURE CENTER 966 W 12TH ST OGDEN,UT 84404	NONE	PUBLIC CHARITY	GENERAL FUNDS	1,000
OGDEN SCHOOL FOUNDATION 1950 MONROE BOULEVARD OGDEN,UT 84401	NONE	PUBLIC CHARITY	GENERAL FUNDS	120,500
OGDEN SYMPHONY BALLET 638 26TH ST OGDEN,UT 84401	NONE	PUBLIC CHARITY	GENERAL FUNDS	50,000
OGDEN WEBER APPLIED TECHNOLOGY COLLEGE 200 NORTH WASHINGTON BLVD OGDEN,UT 84404	NONE	PUBLIC CHARITY	GENERAL FUNDS	7,500

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
SALVATION ARMY 2615 GRANT AVE OGDEN,UT 84401	NONE	PUBLIC CHARITY	GENERAL FUNDS	12,734
TREEHOUSE MUSEUM 347 E 22ND ST OGDEN,UT 84401	NONE	PUBLIC CHARITY	GENERAL FUNDS	10,000
UNITED WAY OF NORTHERN UTAH 2955 HARRISON BLVD 201 OGDEN,UT 84403	NONE	PUBLIC SCHOOL FOUNDA	GENERAL FUNDS	84,351
UTAH COMMISSION OF VOLUNTEERS 250 N 1950 W SALT LAKE CITY,UT 84116	NONE	PUBLIC CHARITY	GENERAL FUNDS	3,500
UTAH FESTIVAL OPERA 59 SOUTH 100 WEST LOGAN,UT 84321	NONE	PUBLIC CHARITY	GENERAL FUNDS	10,000
UTAH FOSTER CARE FOUNDATION 3340 S HARRISON BLVD 200 OGDEN,UT 84403	NONE	PUBLIC CHARITY	GENERAL FUNDS	10,000
WEBER SCHOOL DISTRICT FOUNDATION 5320 ADAMS AVENUE PARKWAY OGDEN,UT 84405	NONE	PUBLIC SCHOOL FOUNDA	GENERAL FUNDS	16,000
WEBER STATE UNIVERSITY 3801 UNIVERSITY CIRCLE OGDEN,UT 84408	NONE	STATE UNIVERSITY	GENERAL FUNDS	241,183
WW HEARING AID 5974 FASHION POINTE DRIVE 140 OGDEN,UT 84403	NONE	PUBLIC CHARITY	GENERAL FUNDS	12,500
YOUR COMMUNITY CONNECTION 2261 ADAMS AVE OGDEN,UT 84401	NONE	PUBLIC CHARITY	GENERAL FUNDS	12,000
Total ▶ 3a				956,968

Schedule B
(Form 990, 990-EZ, or 990-PF)
Department of the Treasury
Internal Revenue Service

Schedule of Contributors

▶ Attach to Form 990, 990-EZ, or 990-PF.

OMB No 1545-0047

2012

Name of the organization THE ALAN AND JEANNE HALL FOUNDATION	Employer identification number 87-0644251
---	--

Organization type (check one)

Filers of:	Section:
Form 990 or 990-EZ	☐ 501(c)() (enter number) organization
	☐ 4947(a)(1) nonexempt charitable trust not treated as a private foundation
	☐ 527 political organization
Form 990-PF	☒ 501(c)(3) exempt private foundation
	☐ 4947(a)(1) nonexempt charitable trust treated as a private foundation
	☐ 501(c)(3) taxable private foundation

Check if your organization is covered by the **General Rule** or a **Special Rule**.
Note. Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule See instructions

General Rule

☒ For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, \$5,000 or more (in money or property) from any one contributor Complete Parts I and II

Special Rules

- ☐ For a section 501(c)(3) organization filing Form 990 or 990-EZ that met the 33¹/₃% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi) and received from any one contributor, during the year, a contribution of the greater of **(1)** \$5,000 or **(2)** 2% of the amount on (i) Form 990, Part VIII, line 1h, or (ii) Form 990-EZ, line 1 Complete Parts I and II
- ☐ For a section 501(c)(7), (8), or (10) organization filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 for use *exclusively* for religious, charitable, scientific, literary, or educational purposes, or the prevention of cruelty to children or animals Complete Parts I, II, and III
- ☐ For a section 501(c)(7), (8), or (10) organization filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions for use *exclusively* for religious, charitable, etc , purposes, but these contributions did not total to more than \$1,000 If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc , purpose Do not complete any of the parts unless the **General Rule** applies to this organization because it received nonexclusively religious, charitable, etc , contributions of \$5,000 or more during the year ▶ \$ _____

Caution. An organization that is not covered by the General Rule and/or the Special Rules does not file Schedule B (Form 990, 990-EZ, or 990-PF), but it **must** answer “No” on Part IV, line 2 of its Form 990, or check the box on line H of its Form 990-EZ or on Part I, line 2 of its Form 990-PF, to certify that it does not meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF)

Employer identification number
87-0644251

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	ALAN JEANNE HALL 4421 SOUTH 1800 WEST ROY, UT 84067 	\$ 1,666,410	Person ☐ Payroll ☐ Noncash ☒ (Complete Part II if there is a noncash contribution)
(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution)
(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution)
(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution)
(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution)
(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution)
(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution)

[illegible]

Name of organization THE ALAN AND JEANNE HALL FOUNDATION	Employer identification number 87-0644251
--	---

Part III	Exclusively religious, charitable, etc., individual contributions to section 501(c)(7), (8), or (10) organizations that total more than \$1,000 for the year. Complete columns (a) through (e) and the following line entry For organizations completing Part III, enter the total of <i>exclusively</i> religious, charitable, etc , contributions of \$1,000 or less for the year (Enter this information once See instructions) ▶ \$ Use duplicate copies of Part III if additional space is needed

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
—			
(e) Transfer of gift			
Transferee's name, address, and ZIP 4		Relationship of transferor to transferee	
(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
—			
(e) Transfer of gift			
Transferee's name, address, and ZIP 4		Relationship of transferor to transferee	
(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
—			
(e) Transfer of gift			
Transferee's name, address, and ZIP 4		Relationship of transferor to transferee	
(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
—			
(e) Transfer of gift			
Transferee's name, address, and ZIP 4		Relationship of transferor to transferee	

**TY 2012 Investments Corporate
Bonds Schedule****Name:** THE ALAN AND JEANNE HALL FOUNDATION**EIN:** 87-0644251

Name of Bond	End of Year Book Value	End of Year Fair Market Value
RAYMOND JAMES - FIXED INCOME	844,627	1,043,349

TY 2012 Investments - Other Schedule**Name:** THE ALAN AND JEANNE HALL FOUNDATION**EIN:** 87-0644251

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
RAYMOND JAMES - MUTUAL FUNDS	AT COST	8,099,853	8,668,422
RAYMOND JAMES - ALTERNATIVE INVESTMENTS	AT COST	2,368,361	2,353,640
DIVIDENDS RECEIVABLE	AT COST	34,189	34,189
UNSETTLED STOCK RECEIVABLE	AT COST	111,725	111,725
FUSION IO STOCK	AT COST	13,725	171,975
STOCK	AT COST	953,117	953,117

TY 2012 Other Expenses Schedule

Name: THE ALAN AND JEANNE HALL FOUNDATION

EIN: 87-0644251

Description	Revenue and Expenses per Books	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
FEDERAL TAX PAYMENTS	18,603	0		0
EAGLE AGGRESSIVE GROWTH	6,684	6,684		0

TY 2012 Other Income Schedule**Name:** THE ALAN AND JEANNE HALL FOUNDATION**EIN:** 87-0644251

Description	Revenue And Expenses Per Books	Net Investment Income	Adjusted Net Income
SERIES BALANCED-2	-5,554	-5,554	-5,554
CAMPBELL FUND TRUST	1,793	1,793	1,793
HATTERAS	6,767	6,767	6,767

TY 2012 Other Increases Schedule

Name: THE ALAN AND JEANNE HALL FOUNDATION

EIN: 87-0644251

Description	Amount
PRIOR PERIOD ADJUSTMENT	347,857

TY 2012 Other Professional Fees Schedule**Name:** THE ALAN AND JEANNE HALL FOUNDATION**EIN:** 87-0644251

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
INVESTMENT FEES	47,204	47,204		0
PORTFOLIO DEDUCTIONS - HATTERAS	3,987	3,987		0

TY 2012 Taxes Schedule

Name: THE ALAN AND JEANNE HALL FOUNDATION

EIN: 87-0644251

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
FOREIGN TAX	2,019	2,019		0