

# SAI Hand Calcs (and Pell)



Kelsey Ryder

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## SAI vs EFC Formula

- **EFC**
  - Formula A, B, C
  - Simplified Needs
  - Auto Zero
  - Lowest EFC is 0
- **SAI**
  - Formula A, B, C
  - Auto -1500 if no taxes filed
  - Auto 0 if SAI is greater than 0 AND eligible for max Pell
  - Lowest SAI is -1500



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## Formulas

- **A - Dependent Students**
- **B - Independent students without dependents other than a spouse**
- **C - Independent students with dependents other than a spouse**



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### Asset Reporting Exemptions

- AGI > \$60,000
- Filing schedule A, B, D, E, F, or H
- Schedule C amount above \$10,000 or less than - \$10,000
- Filed foreign taxes, lives in foreign country, has foreign income




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### Pell

- **Max Pell**
  - Based on poverty guidelines and family size
  - SAI will always be 0 or lower
  - Assets not factored into Pell calc
- **Calculated Pell**
  - Max Pell - SAI = calculated Pell (rounded to the nearest \$5)
- **Min Pell**
  - Based on poverty guidelines and family size
  - Assets not factored into Pell calc




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### Let's Calculate an SAI!

- Formula A
- Dependent Student
- Parents filed taxes jointly




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## Parent Info

- Married filed jointly, family size 6
- AGI: \$73,630
- Income earned from work: \$134,491
- Taxes paid: \$2,146
- Education credits: \$2,500
- Checking balance: \$50,000
- Investments: \$100,000
- Business/Farm: \$1,000,000



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## Table A1, Step 1

Tax Rate Program	Tax Rate
Step 1: Medicare's Hospital Insurance (HI) Program Tax Rate	<p>If Parent filed as Single, Head or Qualifying Surviving Spouse:</p> <ul style="list-style-type: none"> <li>• 1.45% of parent income earned from work up to \$200,000, (+) plus</li> <li>• 2.35% of parent income earned from work over \$200,000</li> </ul> <p>If Parent filed as Married-Filed Joint Return (MF-J):</p> <ul style="list-style-type: none"> <li>• 1.45% of parents' combined income earned from work up to \$250,000, (+) plus</li> <li>• 2.35% of parents' combined income earned from work over \$250,000</li> </ul> <p>If Parent filed as Married-Filed Separate Return (MFS):</p> <ul style="list-style-type: none"> <li>• 1.45% of parent income earned from work up to \$125,000, (+) plus</li> <li>• 1.45% of parent spouse's income earned from work up to \$125,000, (+) plus</li> <li>• 2.35% of parent income earned from work over \$125,000 (+) plus</li> <li>• 2.35% of parent spouse's income earned from work over \$125,000</li> </ul> <p>If Dependent Student:</p> <ul style="list-style-type: none"> <li>• 1.45% of dependent student income earned from work up to \$200,000, (+) plus</li> <li>• 2.35% of dependent student income earned from work over \$200,000.</li> </ul> <p><b>Note:</b> In scenarios where spouses have filed different tax returns (e.g., one spouse filed TFS = Single, the other TFS = MFS, etc.), the calculation is performed individually and then the results are added together following the rounding logic noted above.</p>

**Income earned from work:**  
**\$134,491**



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## Table A1, Step 2

Step 2: Old-age, survivors, and disability insurance (OASDI) Tax Rate	Tax Rate
	<p>If Parent:</p> <ul style="list-style-type: none"> <li>• For those reporting a single parental income, 6.2% of parent's total earned income up to Contributions and Benefit Base of \$147,000 for Tax Year 2022. If parent's total earned income exceeds \$147,000, then input \$9,114*.</li> <li>• For those reporting two parental incomes or whose parents filed a joint return, 6.2% of parents total earned income up to Contributions and Benefit Base of \$294,000 for Tax Year 2022. If parents' total earned income exceeds \$294,000, then input \$18,228*.</li> </ul> <p>If Dependent Student:</p> <ul style="list-style-type: none"> <li>• 6.2% of student's total earned income up to Contributions and Benefit Base of \$147,000 for Tax Year 2022. If the student's total earned income exceeds \$147,000, then input \$9,114*.</li> </ul>

**Income earned from work:**  
**\$134,491**



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### Table A2

Table A2: Income Protection Allowance

Family Size (including student)	Income Protection Allowance Amount
2	\$27,600
3	\$34,350
4	\$42,430
5	\$50,060
6	\$58,560

Note: For each additional household member, add \$6,610.

Family size: 6



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### Table A3

Table A3: Businesses/Investment Farms Net Worth Adjustment

If the net worth of businesses/investment farms is ____	Then the adjusted net worth is ____
Less than \$1	\$0
\$1 to \$165,000	40% of net worth of business/farm
\$165,001 to \$490,000	\$66,000 + 50% of net worth over \$165,000
\$490,001 to \$820,000	\$228,500 + 60% of net worth over \$490,000
\$820,001 or more	\$426,500 + 100% of net worth over \$820,000

Business net worth:  
\$1,000,000



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### Table A4

NASFAA has received a number of inquiries from members who noticed the values for the asset protection allowance (APA) are \$0 in the final guide, while the draft guide included values for those figures. The short answer: the zeroes are correct. For a longer explanation, read on.

Table A4: Asset Protection Allowance (Parents Only)

Age of older parent as of 12/31/2023*	Allowance if there are two parents**	Allowance if there is only one parent	Age of older parent as of 12/31/2023*	Allowance if there are two parents**	Allowance if there is only one parent
25 or less	\$0	\$0	46	\$0	\$0
26	\$0	\$0	47	\$0	\$0
27	\$0	\$0	48	\$0	\$0
28	\$0	\$0	49	\$0	\$0
29	\$0	\$0	50	\$0	\$0
30	\$0	\$0	51	\$0	\$0
31	\$0	\$0	52	\$0	\$0
32	\$0	\$0	53	\$0	\$0
33	\$0	\$0	54	\$0	\$0

<https://askregs.nasfaa.org/article/36936/why-are-the-2024-25-asset-protection-allowances-zero>



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### Table A5

Table A5: Parents' Contribution from Adjusted Available Income

If the parents' AAI is ____	Then the parents' contribution from AAI is ____
Less than -\$6,820	-\$1,500
-\$6,820 to \$20,600	22% of AAI
\$20,601 to \$25,800	\$4,532 + 25% of AAI over \$20,600
\$25,801 to \$31,000	\$5,832 + 29% of AAI over \$25,800
\$31,001 to \$36,300	\$7,340 + 34% of AAI over \$31,000
\$36,301 to \$41,500	\$9,142 + 40% of AAI over \$36,300
\$41,501 or more	\$11,222 + 47% of AAI over \$41,500



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### Student Info

- AGI: \$2,223
- Income earned from work: \$2,223
- Taxes paid: 0
- Checking balance: \$600



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### Table A1, Step 1

Tax Rate Program	Tax Rate
Step 1: Medicare's Hospital Insurance (HI) Program Tax Rate	<p>If Parent filed as Single, HHI or Qualifying Surviving Spouse:</p> <ul style="list-style-type: none"> <li>• 1.45% of parent income earned from work up to \$200,000, (+) plus</li> <li>• 2.35% of parent income earned from work over \$200,000</li> </ul> <p>If Parent filed as Married-Filed Joint Return (MF-J):</p> <ul style="list-style-type: none"> <li>• 1.45% of parents' combined income earned from work up to \$250,000, (+) plus</li> <li>• 2.35% of parents' combined income earned from work over \$250,000</li> </ul> <p>If Parent filed as Married-Filed Separate Return (MF-S):</p> <ul style="list-style-type: none"> <li>• 1.45% of parent income earned from work up to \$125,000, (+) plus</li> <li>• 1.45% of parent spouse's income earned from work up to \$125,000, (+) plus</li> <li>• 2.35% of parent income earned from work over \$125,000 (+) plus</li> <li>• 2.35% of parent spouse's income earned from work over \$125,000</li> </ul> <p>If Dependent Student:</p> <ul style="list-style-type: none"> <li>• 1.45% of dependent student income earned from work up to \$200,000, (+) plus</li> <li>• 2.35% of dependent student income earned from work over \$200,000</li> </ul> <p>Note: In scenarios where spouses have filed different tax returns (e.g., one spouse filed TFS = Single, the other TFS = MFS, etc.), the calculation is performed individually and then the results are added together following the rounding logic noted above.</p>

**Income earned from work:**  
**\$2,223**



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## Table A1, Step 2

**Step 2: Old-age, survivors, and disability insurance (OASDI) Tax Rate**

**If Parent:**

- For those reporting a single parental income, 6.2% of parent's total earned income up to Contributions and Benefit Base of \$147,000 for Tax Year 2022. If parent's total earned income exceeds \$147,000, then input \$9,114\*.
- For those reporting two parental incomes or whose parents filed a joint return, 6.2% of parents total earned income up to Contributions and Benefit Base of \$294,000 for Tax Year 2022. If parents' total earned income exceeds \$294,000, then input \$18,228\*.

**If Dependent Student:**

- 6.2% of student's total earned income up to Contributions and Benefit Base of \$147,000 for Tax Year 2022. If the student's total earned income exceeds \$147,000, then input \$9,114\*.

**Income earned from work:**  
**\$2,223**



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## SAI

- **Parent Contribution: 32,224**
- **Student Contribution from Income: -1500**
- **Student Contribution from Assets: 120**
- **Student Aid Index: 30,844**



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## Max Pell?

- **Married parents**
- **AGI less than or equal to 175% of the poverty guideline**
- **AGI: \$73,630**

Household/ Family Size	25%	50%	75%	100%	125%	150%	175%	200%	250%	300%
1	\$4,396	\$8,792	\$13,188	\$17,584	\$21,980	\$26,376	\$30,772	\$35,168	\$43,960	\$52,752
2	\$6,179	\$12,358	\$18,537	\$24,716	\$30,895	\$37,074	\$43,253	\$49,432	\$61,790	\$74,148
3	\$7,962	\$15,924	\$23,886	\$31,848	\$39,810	\$47,772	\$55,734	\$63,696	\$79,620	\$95,544
4	\$9,745	\$19,490	\$29,235	\$38,980	\$48,725	\$58,470	\$68,215	\$77,960	\$97,455	\$116,950
5	\$11,528	\$23,056	\$34,584	\$46,112	\$57,640	\$69,168	\$80,696	\$92,224	\$114,780	\$137,336
6	\$13,311	\$26,622	\$39,933	\$53,244	\$66,555	\$79,866	\$93,177	\$106,488	\$133,110	\$160,732
7	\$15,094	\$30,188	\$45,282	\$60,376	\$75,470	\$90,564	\$105,658	\$120,752	\$151,650	\$182,548
8	\$16,877	\$33,754	\$50,631	\$67,508	\$84,556	\$101,604	\$118,652	\$135,700	\$171,150	\$202,600
9	\$18,660	\$37,320	\$55,980	\$74,320	\$93,160	\$112,000	\$130,840	\$149,680	\$187,600	\$225,440
10	\$20,443	\$40,886	\$61,329	\$81,772	\$102,215	\$122,658	\$143,101	\$163,544	\$204,420	\$245,280
11	\$22,226	\$44,452	\$66,678	\$88,904	\$111,130	\$133,356	\$155,582	\$177,808	\$222,240	\$267,480
12	\$24,009	\$48,018	\$72,027	\$96,036	\$120,044	\$144,052	\$168,060	\$192,068	\$240,084	\$288,120
13	\$25,792	\$51,584	\$77,376	\$102,464	\$127,488	\$152,512	\$177,536	\$202,560	\$253,200	\$302,880
14	\$27,575	\$55,150	\$82,725	\$109,600	\$135,100	\$160,200	\$184,900	\$209,600	\$262,000	\$314,400



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### Min Pell?

- Married parents
- AGI less than or equal to 350% of the poverty guideline
- AGI: \$73,630

	250%	275%	300%	325%	350%
1	\$33,975	\$37,373	\$40,770	\$44,168	\$47,565
2	\$45,275	\$50,353	\$54,930	\$59,500	\$64,085
3	\$57,575	\$63,333	\$68,000	\$74,840	\$80,605
4	\$69,875	\$76,313	\$82,250	\$90,180	\$97,125
5	\$81,175	\$89,293	\$97,410	\$105,520	\$113,645
6	\$92,475	\$102,273	\$111,570	\$120,860	<b>\$130,165</b>
7	\$104,775	\$115,253	\$125,730	\$136,200	\$146,685
8	\$116,075	\$128,233	\$139,890	\$151,540	\$163,205
9	\$128,375	\$141,213	\$154,050	\$166,880	\$179,725
10	\$140,675	\$154,193	\$168,210	\$182,220	\$196,245
11	\$151,975	\$167,173	\$182,370	\$197,560	\$212,765
12	\$163,275	\$180,153	\$196,530	\$212,900	\$229,285
13	\$175,575	\$193,133	\$210,690	\$228,240	\$245,805
14	\$187,875	\$206,113	\$224,850	\$243,580	\$262,325



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### Recap

- SAI of 30,844
- Minimum pell grant eligible
- Depending on your COA this student could get a pell grant and then an unsubsidized loan



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### Calculated Pell – Lets Practice!

- SAI of 4326
- Max Pell for the year is \$7395
- $7395 - 4326 = 3069$
- Round to the nearest \$5 = \$3070 calculated annual Pell
- Then adjust for enrollment intensity



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### Calculated Pell – Lets Practice!

- SAI of 1012
- Max Pell for the year is \$7395
- $\$7395 - 1012 = 6383$
- Round to the nearest \$5 = \$6385 calculated annual Pell
- Then adjust for enrollment intensity



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### Enrollment Intensity

- \$6385
- 5 hours
- $\$6385 / 2 * .42 = \$1340.85$



Credit Hours	Enrollment Category (Old)	Enrollment Intensity (New)
12 (or more)	Full Time	100%
11		92%
10	Three Quarter Time	83%
9		75%
8		67%
7	Half Time	58%
6		50%
5		42%
4		33%
3	Less than Half Time	25%
2		17%
1		8%



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### Round 2: Parent Info

- Married filed jointly, family size 4
- AGI: \$99,6344
- Income earned from work: \$101,479
- Taxes paid: \$3,902
- Checking balance: \$15,000
- Investments: \$2,000
- Business/Farm: \$0



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### Table A1, Step 1

Tax Rate Program	Tax Rate
Step 1: Medicare's Hospital Insurance (HI) Program Tax Rate	<p>If Parent filed as Single, Head or Qualifying Surviving Spouse:</p> <ul style="list-style-type: none"> <li>1.45% of parent income earned from work up to \$200,000, (+) plus</li> <li>2.35% of parent income earned from work over \$200,000</li> </ul> <p>If Parent filed as Married-Filed Joint Return (MFJ):</p> <ul style="list-style-type: none"> <li>1.45% of parents' combined income earned from work up to \$250,000, (+) plus</li> <li>2.35% of parents' combined income earned from work over \$250,000</li> </ul> <p>If Parent filed as Married-Filed Separate Return (MFS):</p> <ul style="list-style-type: none"> <li>1.45% of parent income earned from work up to \$125,000, (+) plus</li> <li>1.45% of parent spouse's income earned from work up to \$125,000, (+) plus</li> <li>2.35% of parent income earned from work over \$125,000 (+) plus</li> <li>2.35% of parent spouse's income earned from work over \$125,000</li> </ul> <p>If Dependent Student:</p> <ul style="list-style-type: none"> <li>1.45% of dependent student income earned from work up to \$200,000, (+) plus</li> <li>2.35% of dependent student income earned from work over \$200,000.</li> </ul> <p><b>Note:</b> In scenarios where spouses have filed different tax returns (e.g., one spouse filed FFS = Single, the other FFS = MFS, etc.), the calculation is performed individually and then the results are added together following the rounding logic noted above.</p>

**Income earned from work:**  
**\$101,479**



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### Table A1, Step 2

Step 2: Old-age, survivors, and disability insurance (OASDI) Tax Rate	Tax Rate
	<p>If Parent:</p> <ul style="list-style-type: none"> <li>For those reporting a single parental income, 6.2% of parent's total earned income up to Contributions and Benefit Base of \$147,000 for Tax Year 2022. If parent's total earned income exceeds \$147,000, then input \$9,114*.</li> <li>For those reporting two parental incomes or whose parents filed a joint return, 6.2% of parents total earned income up to Contributions and Benefit Base of \$294,000 for Tax Year 2022. If parents' total earned income exceeds \$294,000, then input \$18,228*.</li> </ul> <p>If Dependent Student:</p> <ul style="list-style-type: none"> <li>6.2% of student's total earned income up to Contributions and Benefit Base of \$147,000 for Tax Year 2022. If the student's total earned income exceeds \$147,000, then input \$9,114*.</li> </ul>

**Income earned from work:**  
**\$101,479**



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### Table A2

Table A2: Income Protection Allowance

Family Size (including student)	Income Protection Allowance Amount
2	\$27,600
3	\$34,350
4	\$42,430
5	\$50,060
6	\$58,560

Note: For each additional household member, add \$6,610.

**Family size: 4**



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### Table A4

NASFAA has received a number of inquiries from members who noticed the values for the asset protection allowance (APA) are \$0 in the final guide, while the draft guide included values for those figures. The short answer: the zeroes are correct. For a longer explanation, read on.

Table A4: Asset Protection Allowance (Parents Only)

Age of older parent as of 12/31/2023*	Allowance if there are two parents**	Allowance if there is only one parent	Age of older parent as of 12/31/2023*	Allowance if there are two parents**	Allowance if there is only one parent
25 or less	\$0	\$0	46	\$0	\$0
26	\$0	\$0	47	\$0	\$0
27	\$0	\$0	48	\$0	\$0
28	\$0	\$0	49	\$0	\$0
29	\$0	\$0	50	\$0	\$0
30	\$0	\$0	51	\$0	\$0
31	\$0	\$0	52	\$0	\$0
32	\$0	\$0	53	\$0	\$0
33	\$0	\$0	54	\$0	\$0



<https://askregs.nasfaa.org/article/36936/why-are-the-2024-25-asset-protection-allowances-zero>

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### Table A5

Table A5: Parents' Contribution from Adjusted Available Income

If the parents' AAI is ____	Then the parents' contribution from AAI is ____
Less than -\$6,820	-\$1,500
-\$6,820 to \$20,600	22% of AAI
\$20,601 to \$25,800	\$4,532 + 25% of AAI over \$20,600
\$25,801 to \$31,000	\$5,832 + 29% of AAI over \$25,800
\$31,001 to \$36,300	\$7,340 + 34% of AAI over \$31,000
\$36,301 to \$41,500	\$9,142 + 40% of AAI over \$36,300
\$41,501 or more	\$11,222 + 47% of AAI over \$41,500



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### Student Info

- AGI: \$6,652
- Income earned from work: \$6,652
- Taxes paid: 0
- Checking balance: \$4,624



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### Table A1, Step 1

Tax Rate Program	Tax Rate
Step 1: Medicare's Hospital Insurance (HI) Program Tax Rate	<p>If Parent filed as Single, Head or Qualifying Surviving Spouse:</p> <ul style="list-style-type: none"> <li>1.45% of parent income earned from work up to \$200,000, (+) plus</li> <li>2.35% of parent income earned from work over \$200,000</li> </ul> <p>If Parent filed as Married-Filed Joint Return (MFJ):</p> <ul style="list-style-type: none"> <li>1.45% of parents' combined income earned from work up to \$250,000, (+) plus</li> <li>2.35% of parents' combined income earned from work over \$250,000</li> </ul> <p>If Parent filed as Married-Filed Separate Return (MFS):</p> <ul style="list-style-type: none"> <li>1.45% of parent income earned from work up to \$125,000, (+) plus</li> <li>1.45% of parent spouse's income earned from work up to \$125,000, (+) plus</li> <li>2.35% of parent income earned from work over \$125,000 (+) plus</li> <li>2.35% of parent spouse's income earned from work over \$125,000</li> </ul> <p>If Dependent Student:</p> <ul style="list-style-type: none"> <li>1.45% of dependent student income earned from work up to \$200,000, (+) plus</li> <li>2.35% of dependent student income earned from work over \$200,000.</li> </ul> <p><b>Note:</b> In scenarios where spouses have filed different tax returns (e.g., one spouse filed FFS = Single, the other FFS = MFS, etc.), the calculation is performed individually and then the results are added together following the rounding logic noted above.</p>

**Income earned from work:**  
**\$6,652**



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### Table A1, Step 2

Step 2: Old-age, survivors, and disability insurance (OASDI) Tax Rate	Tax Rate
	<p>If Parent:</p> <ul style="list-style-type: none"> <li>For those reporting a single parental income, 6.2% of parent's total earned income up to Contributions and Benefit Base of \$147,000 for Tax Year 2022. If parent's total earned income exceeds \$147,000, then input \$9,114*.</li> <li>For those reporting two parental incomes or whose parents filed a joint return, 6.2% of parents total earned income up to Contributions and Benefit Base of \$294,000 for Tax Year 2022. If parents' total earned income exceeds \$294,000, then input \$18,228*.</li> </ul> <p>If Dependent Student:</p> <ul style="list-style-type: none"> <li>6.2% of student's total earned income up to Contributions and Benefit Base of \$147,000 for Tax Year 2022. If the student's total earned income exceeds \$147,000, then input \$9,114*.</li> </ul>

**Income earned from work:**  
**\$6,652**



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### SAI

- Parent Contribution: 11,861
- Student Contribution from Income: -1500
- Student Contribution from Assets: 925
- Student Aid Index: 11,286



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**Questions?**



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