

and implementation of high-quality school EOPs.

6. *Continuation Awards:* In making a continuation award under 34 CFR 75.253, the Secretary considers, among other things: whether a grantee has made substantial progress in achieving the goals and objectives of the project; whether the grantee has expended funds in a manner that is consistent with its approved application and budget; and, if the Secretary has established performance measurement requirements, the performance targets in the grantee's approved application.

In making a continuation award, the Secretary also considers whether the grantee is operating in compliance with the assurances in its approved application, including those applicable to Federal civil rights laws that prohibit discrimination in programs or activities receiving Federal financial assistance from the Department (34 CFR 100.4, 104.5, 106.4, 108.8, and 110.23).

## VII. Other Information

*Accessible Format:* Individuals with disabilities can obtain this document and a copy of the application package in an accessible format (e.g., braille, large print, audiotape, or compact disc) on request to the program contact person listed under **FOR FURTHER INFORMATION CONTACT**.

*Electronic Access to This Document:* The official version of this document is the document published in the **Federal Register**. You may access the official edition of the **Federal Register** and the Code of Federal Regulations via the Federal Digital System at: [www.gpo.gov/fdsys](http://www.gpo.gov/fdsys). At this site you can view this document, as well as all other documents of this Department published in the **Federal Register**, in text or Adobe Portable Document Format (PDF). To use PDF you must have Adobe Acrobat Reader, which is available free at this site.

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Dated: July 27, 2018.

**Frank Brogan,**

*Assistant Secretary of Elementary and Secondary Education.*

[FR Doc. 2018-16540 Filed 8-1-18; 8:45 am]

BILLING CODE 4000-01-P

## DEPARTMENT OF EDUCATION

### Annual Updates to the Income Contingent Repayment (ICR) Plan Formula for 2018—William D. Ford Federal Direct Loan Program

**AGENCY:** Federal Student Aid, Department of Education.

**ACTION:** Notice.

**SUMMARY:** The Secretary announces the annual updates to the ICR plan formula for 2018 to give notice to borrowers and the public regarding how monthly ICR payment amounts will be calculated for the 2018–2019 year under the William D. Ford Federal Direct Loan (Direct Loan) Program, Catalog of Federal Domestic Assistance number 84.063.

**DATES:** The adjustments to the income percentage factors for the ICR plan formula contained in this notice are applicable from July 1, 2018, to June 30, 2019, for any borrower who enters the ICR plan or has his or her monthly payment amount recalculated under the ICR plan during that period.

**FOR FURTHER INFORMATION CONTACT:** Ian Foss, U.S. Department of Education, 830 First Street NE, Room 113H2, Washington, DC 20202. Telephone: (202) 377-3681. Email: [ian.foss@ed.gov](mailto:ian.foss@ed.gov).

If you use a telecommunications device for the deaf (TDD) or a text telephone (TTY), call the Federal Relay Service, toll free, at 1-800-877-8339.

**SUPPLEMENTARY INFORMATION:** Under the Direct Loan Program, borrowers may choose to repay their non-defaulted loans (Direct Subsidized Loans, Direct Unsubsidized Loans, Direct PLUS Loans made to graduate or professional students, and Direct Consolidation Loans) under the ICR plan. The ICR plan bases the borrower's repayment amount on the borrower's income, family size, loan amount, and the interest rate applicable to each of the borrower's loans.

ICR is one of several income-driven repayment plans. Other income-driven repayment plans include the Income-Based Repayment (IBR) plan, the Pay As You Earn Repayment (PAYE) plan, and the Revised Pay As You Earn Repayment (REPAYE) plan. The IBR, PAYE, and REPAYE plans provide lower payment amounts than the ICR plan for most borrowers.

A Direct Loan borrower who repays his or her loans under the ICR plan pays the lesser of: (1) The amount that he or she would pay over 12 years with fixed payments multiplied by an income percentage factor; or (2) 20 percent of discretionary income.

Each year, to reflect changes in inflation, we adjust the income

percentage factor used to calculate a borrower's ICR payment, as required by 34 CFR 685.209(b)(1)(ii)(A). We use the adjusted income percentage factors to calculate a borrower's monthly ICR payment amount when the borrower initially applies for the ICR plan or when the borrower submits his or her annual income documentation, as required under the ICR plan. This notice contains the adjusted income percentage factors for 2018, examples of how the monthly payment amount in ICR is calculated, and charts showing sample repayment amounts based on the adjusted ICR plan formula. This information is included in the following three attachments:

- *Attachment 1—Income Percentage Factors for 2018*
- *Attachment 2—Examples of the Calculations of Monthly Repayment Amounts*
- *Attachment 3—Charts Showing Sample Repayment Amounts for Single and Married Borrowers*

In Attachment 1, to reflect changes in inflation, we updated the income percentage factors that were published in the **Federal Register** on July 18, 2017 (82 FR 32803). Specifically, we have revised the table of income percentage factors by changing the dollar amounts of the incomes shown by a percentage equal to the estimated percentage change between the not-seasonally-adjusted Consumer Price Index for all urban consumers for December 2017 and December 2018.

The income percentage factors reflected in Attachment 1 may cause a borrower's payments to be lower than they were in prior years, even if the borrower's income is the same as in the prior year. The revised repayment amount more accurately reflects the impact of inflation on the borrower's current ability to repay.

*Accessible Format:* Individuals with disabilities can obtain this document in an accessible format (e.g., braille, large print, audiotape, or compact disc) on request to the contact person listed under **FOR FURTHER INFORMATION CONTACT**.

*Electronic Access to This Document:* The official version of this document is the document published in the **Federal Register**. You may access the official edition of the **Federal Register** and the Code of Federal Regulations via the Federal Digital System at: [www.gpo.gov/fdsys](http://www.gpo.gov/fdsys). At this site, you can view this document, as well as all other documents of this Department published in the **Federal Register**, in text or Portable Document Format (PDF). To use PDF, you must have

Adobe Acrobat Reader, which is available free at this site.

You may also access documents of the Department published in the **Federal Register** by using the article search feature at: [www.federalregister.gov](http://www.federalregister.gov).

Specifically, through the advanced search feature at this site, you can limit your search to documents published by the Department.

**Program Authority:** 20 U.S.C. 1087 *et seq.*

Dated: July 30, 2018.

**James F. Manning,**

*Acting Chief Operating Officer, Federal Student Aid.*

**Attachment 1—Income Percentage Factors for 2018**

**INCOME PERCENTAGE FACTORS FOR 2018**

Single		Married/head of household	
Income	% Factor	Income	% Factor
\$11,860 .....	55.00	\$11,860	50.52
16,318 .....	57.79	18,712	56.68
20,997 .....	60.57	22,299	59.56
25,782 .....	66.23	29,152	67.79
30,352 .....	71.89	36,114	75.22
36,114 .....	80.33	45,361	87.61
45,361 .....	88.77	56,890	100.00
56,891 .....	100.00	68,424	100.00
68,424 .....	100.00	85,724	109.40
82,238 .....	111.80	114,547	125.00
105,302 .....	123.50	154,905	140.60
149,143 .....	141.20	216,641	150.00
171,006 .....	150.00	354,009	200.00
304,590 .....	200.00	.....	.....

**Attachment 2—Examples of the Calculations of Monthly Repayment Amounts**

General notes about the examples in this attachment:

- We have a calculator that borrowers can use to estimate what their payment amounts would be under the ICR plan. The calculator is called the “Repayment Estimator” and is available at [StudentAid.gov/repayment-estimator](http://StudentAid.gov/repayment-estimator).

Based on information inputted into the calculator by the borrower (for example, income, family size, and tax filing status), this calculator provides a detailed, individualized assessment of a borrower’s loans and repayment plan options, including the ICR plan.

- The interest rates used in the examples are for illustration only. The actual interest rates on an individual borrower’s Direct Loans depend on the loan type and when the postsecondary institution first disbursed the Direct Loan to the borrower.

- The Poverty Guideline amounts used in the examples are from the 2018 U.S. Department of Health and Human Services (HHS) Poverty Guidelines for the 48 contiguous States and the District of Columbia. Different Poverty Guidelines apply to residents of Alaska and Hawaii. The Poverty Guidelines for 2018 were published in the **Federal Register** on January 18, 2018 (83 FR 2642).

- All of the examples use an income percentage factor corresponding to an adjusted gross income (AGI) in the table in Attachment 1. If an AGI is not listed in the income percentage factors table in

Attachment 1, the applicable income percentage can be calculated by following the instructions under the “Interpolation” heading later in this attachment.

- Married borrowers may repay their Direct Loans jointly under the ICR plan. If a married couple elects this option, we add the outstanding balance on the Direct Loans of each borrower and we add together both borrowers’ AGIs to determine a joint ICR payment amount. We then prorate the joint payment amount for each borrower based on the proportion of that borrower’s debt to the total outstanding balance. We bill each borrower separately.

- For example, if a married couple, John and Sally, has a total outstanding Direct Loan debt of \$60,000, of which \$40,000 belongs to John and \$20,000 to Sally, we would apportion 67 percent of the monthly ICR payment to John and the remaining 33 percent to Sally. To take advantage of a joint ICR payment, married couples need not file taxes jointly; they may file separately and subsequently provide the other spouse’s tax information to the borrower’s Federal loan servicer.

*Calculating the monthly payment amount using a standard amortization and a 12-year repayment period.*

The formula to amortize a loan with a standard schedule (in which each payment is the same over the course of the repayment period) is as follows:

$$M = P \times \frac{I}{1 - \{1 + (I \div 12)\}^{-N}}$$

In the formula—

- M is the monthly payment amount;
- P is the outstanding principal balance of the loan at the time the calculation is performed;

- I is the annual interest rate on the loan, expressed as a decimal (for example, for a loan with an interest rate of 6 percent, 0.06); and

- N is the total number of months in the repayment period (for example, for a loan with a 12-year repayment period, 144 months).

For example, assume that Billy has a \$10,000 Direct Unsubsidized Loan with an interest rate of 6 percent.

*Step 1:* To solve for M, first simplify the numerator of the fraction by which we multiply P, the outstanding principal balance. To do this divide I, the interest rate, as a decimal, by 12. In this example, Billy’s interest rate is 6 percent. As a decimal, 6 percent is 0.06.

- $0.06 \div 12 = 0.005$

*Step 2:* Next, simplify the denominator of the fraction by which we multiply P. To do this divide I, the interest rate, as a decimal, by 12. Then, add one. Next, raise the sum of the two figures to the negative power that corresponds to the length of the repayment period in months. In this example, because we are amortizing a loan to calculate the monthly payment amount under the ICR plan, the applicable figure is 12 years, which is 144 months. Finally, subtract the result from one.

- $0.06 \div 12 = 0.005$
- $1 + 0.005 = 1.005$
- $1.005^{-144} = 0.48762628$

- $1 - 0.48762628 = 0.51237372$

*Step 3:* Next, resolve the fraction by dividing the result from Step 1 by the result from Step 2.

- $0.005 \div 0.51237372 = 0.0097585$

*Step 4:* Finally, solve for M, the monthly payment amount, by multiplying the outstanding principal balance of the loan by the result of Step 3.

- $\$10,000 \times 0.0097585 = \$97.59$

The remainder of the examples in this attachment will only show the results of the formula.

*Example 1.* Brenda is single with no dependents and has \$15,000 in Direct Subsidized and Unsubsidized Loans. The interest rate on Brenda's loans is 6 percent, and she has an AGI of \$30,352.

*Step 1:* Determine the total monthly payment amount based on what Brenda would pay over 12 years using standard amortization. To do this, use the formula that precedes Example 1. In this example, the monthly payment amount would be \$146.38.

*Step 2:* Multiply the result of Step 1 by the income percentage factor shown in the income percentage factors table (see Attachment 1 to this notice) that corresponds to Brenda's AGI. In this example, an AGI of \$30,352 corresponds to an income percentage factor of 71.89 percent.

- $0.7189 \times \$146.38 = \$105.23$

*Step 3:* Determine 20 percent of Brenda's discretionary income and divide by 12 (discretionary income is AGI minus the HHS Poverty Guideline amount for a borrower's family size and State of residence). For Brenda, subtract the Poverty Guideline amount for a family of one from her AGI, multiply the result by 20 percent, and then divide by 12:

- $\$30,352 - \$12,140 = \$18,212$
- $\$18,212 \times 0.20 = \$3,642.40$
- $\$3,642.40 \div 12 = \$303.53$

*Step 4:* Compare the amount from Step 2 with the amount from Step 3. The lower of the two will be the monthly ICR payment amount. In this example, Brenda will be paying the amount calculated under Step 2 (\$105.23).

*Note:* Brenda would have a lower payment under other income-driven repayment plans. Specifically, Brenda's payment would be \$101.18 under the PAYE and REPAYE plans. However, Brenda's payment would be \$151.76 under the IBR plan, which is higher than the payment she would have under the ICR plan.

*Example 2.* Joseph is married to Susan and has no dependents. They file their Federal income tax return jointly.

Joseph has a Direct Loan balance of \$10,000, and Susan has a Direct Loan balance of \$15,000. The interest rate on all of the loans is 6 percent.

Joseph and Susan have a combined AGI of \$85,724 and are repaying their loans jointly under the ICR plan (for general information regarding joint ICR payments for married couples, see the fifth and sixth bullets under the heading "General notes about the examples in this attachment").

*Step 1:* Add Joseph's and Susan's Direct Loan balances to determine their combined aggregate loan balance:

- $\$10,000 + \$15,000 = \$25,000$

*Step 2:* Determine the combined monthly payment amount for Joseph and Susan based on what both borrowers would pay over 12 years using standard amortization. To do this, use the formula that precedes Example 1. In this example, the combined monthly payment amount would be \$243.96.

*Step 3:* Multiply the result of Step 2 by the income percentage factor shown in the income percentage factors table (see Attachment 1 to this notice) that corresponds to Joseph and Susan's combined AGI. In this example, the combined AGI of \$85,724 corresponds to an income percentage factor of 109.40 percent.

- $1.094 \times \$243.96 = \$266.90$

*Step 4:* Determine 20 percent of Joseph and Susan's combined discretionary income (discretionary income is AGI minus the HHS Poverty Guideline amount for a borrower's family size and State of residence). To do this, subtract the Poverty Guideline amount for a family of two from the combined AGI, multiply the result by 20 percent, and then divide by 12:

- $\$85,724 - \$16,460 = \$69,264$
- $\$69,264 \times 0.20 = \$13,852.80$
- $\$13,852.80 \div 12 = \$1,154.40$

*Step 5:* Compare the amount from Step 3 with the amount from Step 4. The lower of the two will be Joseph and Susan's joint monthly payment amount. Joseph and Susan will jointly pay the amount calculated under Step 3 (\$266.90).

*Note:* For Joseph and Susan, the ICR plan provides the lowest monthly payment of all of the income-driven repayment plans. Joseph and Susan would not be eligible for the IBR or PAYE plans, and would have a combined monthly payment under the REPAYE plan of \$508.62.

*Step 6:* Because Joseph and Susan are jointly repaying their Direct Loans under the ICR plan, the monthly payment amount calculated under Step

5 applies to both Joseph's and Susan's loans. To determine the amount for which each borrower will be responsible, prorate the amount calculated under Step 4 by each spouse's share of the combined Direct Loan debt. Joseph has a Direct Loan debt of \$10,000 and Susan has a Direct Loan debt of \$15,000. For Joseph, the monthly payment amount will be:

- $\$10,000 \div (\$10,000 + \$15,000) = 40$  percent
  - $0.40 \times \$266.90 = \$106.76$
- For Susan, the monthly payment amount will be:
- $\$15,000 \div (\$10,000 + \$15,000) = 60$  percent
  - $0.60 \times \$266.90 = \$160.14$

*Example 3.* David is single with no dependents and has \$60,000 in Direct Subsidized and Unsubsidized Loans. The interest rate on all of the loans is 6 percent, and David's AGI is \$36,114.

*Step 1:* Determine the total monthly payment amount based on what David would pay over 12 years using standard amortization. To do this, use the formula that precedes Example 1. In this example, the monthly payment amount would be \$585.51.

*Step 2:* Multiply the result of Step 1 by the income percentage factor shown in the income percentage factors table (see Attachment 1 to this notice) that corresponds to David's AGI. In this example, an AGI of \$36,114 corresponds to an income percentage factor of 80.33 percent.

- $0.8033 \times \$585.51 = \$470.34$

*Step 3:* Determine 20 percent of David's discretionary income and divide by 12 (discretionary income is AGI minus the HHS Poverty Guideline amount for a borrower's family size and State of residence). To do this, subtract the Poverty Guideline amount for a family of one from David's AGI, multiply the result by 20 percent, and then divide by 12:

- $\$36,114 - \$12,140 = \$23,974$
- $\$23,974 \times 0.20 = \$4,794.80$
- $\$4,794.80 \div 12 = \$399.57$

*Step 4:* Compare the amount from Step 2 with the amount from Step 3. The lower of the two will be David's monthly payment amount. In this example, David will be paying the amount calculated under Step 3 (\$399.57).

*Note:* David would have a lower payment under each of the other income-driven plans. Specifically, David's payment would be \$149.20 under the PAYE and REPAYE plans and \$223.80 under the IBR plan.

*Interpolation.* If an income is not included on the income percentage

factor table, calculate the income percentage factor through linear interpolation. For example, assume that Joan is single with an income of \$50,000.

*Step 1:* Find the closest income listed that is less than Joan's income of \$50,000 (\$45,361) and the closest income listed that is greater than Joan's income of \$50,000 (\$56,891).

*Step 2:* Subtract the lower amount from the higher amount (for this discussion we will call the result the "income interval"):

- $\$56,891 - \$45,361 = \$11,530$

*Step 3:* Determine the difference between the two income percentage factors that correspond to the incomes used in Step 2 (for this discussion, we will call the result the "income percentage factor interval"):

- $100.00 \text{ percent} - 88.77 \text{ percent} = 11.23 \text{ percent}$

*Step 4:* Subtract from Joan's income the closest income shown on the chart that is less than Joan's income of \$50,000:

- $\$50,000 - \$45,361 = \$4,639$

*Step 5:* Divide the result of Step 4 by the income interval determined in Step 2:

- $\$4,639 \div \$11,530 = 40.23 \text{ percent}$

*Step 6:* Multiply the result of Step 5 by the income percentage factor interval:

- $11.23 \text{ percent} \times 40.23 \text{ percent} = 4.52 \text{ percent}$

*Step 7:* Add the result of Step 6 to the lower of the two income percentage factors used in Step 3 to calculate the income percentage factor interval for \$50,000 in income:

- $4.52 \text{ percent} + 88.77 \text{ percent} = 93.29 \text{ percent (rounded to the nearest hundredth)}$

The result is the income percentage factor that we will use to calculate Joan's monthly repayment amount under the ICR plan.

### Attachment 3—Charts Showing Sample Income-Driven Repayment Amounts for Single and Married Borrowers

Below are two charts that provide first-year payment amount estimates for a variety of loan debt sizes and incomes under all of the income-driven repayment plans and the 10-Year Standard Repayment Plan. The first chart is for single borrowers who have a family size of one. The second chart is for a borrower who is married or a head of household and who has a family size of three. The calculations in Attachment 3 assume that the loan debt has an interest rate of 6 percent. For married borrowers, the calculations assume that the borrower files a joint Federal income tax return with his or her spouse and that the borrower's spouse does not have Federal student loans. A field with a "." character indicates that the borrower in the example would not be eligible to enter the applicable income-driven repayment plan based on the borrower's income, loan debt, and family size.

#### SAMPLE FIRST-YEAR MONTHLY REPAYMENT AMOUNTS FOR A SINGLE BORROWER

Family Size = 1							
	Income	Plan	\$20,000	\$40,000	\$60,000	\$80,000	\$100,000
Initial Debt .....	\$20,000	ICR .....	\$117	\$165	\$195	\$214	\$236
		IBR .....	22	-	-	-	-
		PAYE .....	15	182	-	-	-
		REPAYE .....	15	182	348	515	682
		10-Year Standard	222	222	222	222	222
	40,000	ICR .....	131	327	390	429	472
		IBR .....	22	272	-	-	-
		PAYE .....	15	182	348	-	-
		REPAYE .....	15	182	348	515	682
		10-Year Standard	444	444	444	444	444
	60,000	ICR .....	131	464	586	643	707
		IBR .....	22	272	522	-	-
		PAYE .....	15	182	348	515	-
		REPAYE .....	15	182	348	515	682
		10-Year Standard	666	666	666	666	666
	80,000	ICR .....	131	464	781	858	943
		IBR .....	22	272	522	772	-
		PAYE .....	15	182	348	515	682
		REPAYE .....	15	182	348	515	692
		10-Year Standard	888	888	888	888	888
	100,000	ICR .....	131	464	798	1,072	1,179
		IBR .....	22	272	522	772	1,022
		PAYE .....	15	182	348	515	682
		REPAYE .....	15	182	348	515	692
		10-Year Standard	1,110	1,110	1,110	1,110	1,110

#### SAMPLE FIRST-YEAR MONTHLY REPAYMENT AMOUNTS FOR A MARRIED OR HEAD-OF-HOUSEHOLD BORROWER

Family Size = 3							
	Income	Plan	\$20,000	\$40,000	\$60,000	\$80,000	\$100,000
Initial Debt .....	Income \$20,000	Plan .....	\$20,000	\$40,000	\$60,000	\$80,000	\$100,000
		ICR .....	\$0	\$166	\$195	\$207	\$229
		IBR .....	0	110	-	-	-
		PAYE .....	0	74	-	-	-
		REPAYE .....	0	74	240	407	574
		10-Year Standard	222	222	222	222	222

**SAMPLE FIRST-YEAR MONTHLY REPAYMENT AMOUNTS FOR A MARRIED OR HEAD-OF-HOUSEHOLD BORROWER—  
Continued**

Family Size = 3							
	Income	Plan	\$20,000	\$40,000	\$60,000	\$80,000	\$100,000
40,000	ICR .....	ICR .....	0	314	390	415	457
		IBR .....	0	110	360	-	-
		PAYE .....	0	74	240	407	-
		REPAYE .....	0	74	240	407	574
		10-Year Standard	444	444	444	444	444
	60,000	ICR .....	0	320	586	622	686
		IBR .....	0	110	360	610	-
		PAYE .....	0	74	240	407	574
		REPAYE .....	0	74	240	407	574
		10-Year Standard	666	666	666	666	666
80,000	ICR .....	ICR .....	0	320	654	830	914
		IBR .....	0	110	360	610	860
		PAYE .....	0	74	240	407	574
		REPAYE .....	0	74	240	407	574
		10-Year Standard	888	888	888	888	888
	100,000	ICR .....	0	320	654	987	1,143
		IBR .....	0	110	360	610	860
		PAYE .....	0	74	240	407	574
		REPAYE .....	0	74	240	407	574
		10-Year Standard	1,110	1,110	1,110	1,110	1,110

[FR Doc. 2018-16582 Filed 8-1-18; 8:45 am]

BILLING CODE 4000-01-P

## DEPARTMENT OF ENERGY

### Notice of Request for Information (RFI) on Understanding Catalyst Production and Development Needs at National Laboratories

**AGENCY:** Bioenergy Technologies Office, Office of Energy Efficiency and Renewable Energy, Department of Energy.

**ACTION:** Request for information.

**SUMMARY:** The U.S. Department of Energy (DOE) invites public comment on its Request for Information (RFI) to understand research, capabilities and yet-to-be addressed challenges pertinent to production scale-up of catalysts for the conversion of biomass and waste streams. Additionally, through this RFI, the Bioenergy Technologies Office (BETO) seeks to understand enhancement capabilities of process development units at the National Laboratories in order to increase their impact.

**DATES:** Responses to the RFI must be received no later than September 14, 2018.

**ADDRESSES:** Interested parties are to submit comments electronically to [CustomCatalystRFI@ee.doe.gov](mailto:CustomCatalystRFI@ee.doe.gov). Responses must be provided as attachments to an email. Include "Understanding Catalyst Production and Development RFI" as the subject of

the email. It is recommended that attachments with file sizes exceeding 25MB be compressed (*i.e.*, zipped) to ensure message delivery. Responses must be provided as a Microsoft Word (.docx) attachment to the email, and 12 point font, 1 inch margins. Only electronic responses will be accepted. The complete RFI document is located at <https://eere-exchange.energy.gov/>.

**FOR FURTHER INFORMATION CONTACT:** Questions may be addressed to Jim Spaeth, (720) 356-1784, or [CustomCatalystRFI@ee.doe.gov](mailto:CustomCatalystRFI@ee.doe.gov). Further instructions can be found in the RFI document posted on EERE Exchange.

**SUPPLEMENTARY INFORMATION:** DOE posted on its website a RFI to solicit feedback from industry (including but not limited to research organizations, manufacturing organizations, catalyst manufacturers, and catalyst research consortia), academia, research laboratories, government agencies, and other biofuels and bioproducts stakeholders on "catalyst productions capability for biochemical and thermochemical processes." Specifically, BETO seeks information to help identify and understand additional areas of research, capabilities, and yet-to-be-addressed challenges pertinent to production scale-up challenges (typically in multi-kilogram quantities of novel catalysts used in technology development and engineering solutions for the efficient conversion of lignocellulosic, waste, and algal feedstocks to produce biofuels and bioproducts). The RFI [DE-FOA-

00001951] is available at: <https://eere-exchange.energy.gov/>.

### Confidential Business Information

Because information received in response to this RFI may be used to structure future programs, funding and/or otherwise be made available to the public, respondents are strongly advised to not include any information in their responses that might be considered business sensitive, proprietary, or otherwise confidential. If, however, a respondent chooses to submit business sensitive, proprietary, or otherwise confidential information, it must be clearly and conspicuously marked as such in the response as detailed in the RFI [DE-FOA-00001951] at: <https://eere-exchange.energy.gov/>.

Factors of interest to DOE when evaluating requests to treat submitted information as confidential include: (1) A description of the items; (2) whether and why such items are customarily treated as confidential within the industry; (3) whether the information is generally known by or available from other sources; (4) whether the information has previously been made available to others without obligation concerning its confidentiality; (5) an explanation of the competitive injury to the submitting person that would result from public disclosure; (6) when such information might lose its confidential character due to the passage of time; and (7) why disclosure of the information would be contrary to the public interest.