

# PSD Questionnaire Summary

Regional/State/Local Modeler's Workshop

New Orleans

May 16, 2005

By

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PSD Questionnaire Response Rate:

**Region 1: 100%**

**Region 2: 100%**

**Region 3: 100%**

**Region 4: 100%**

**Region 5: 100%**

**Region 6: 100%**

**Region 7: 50%**

**Region 8: 50%**

**Region 9: 40%**

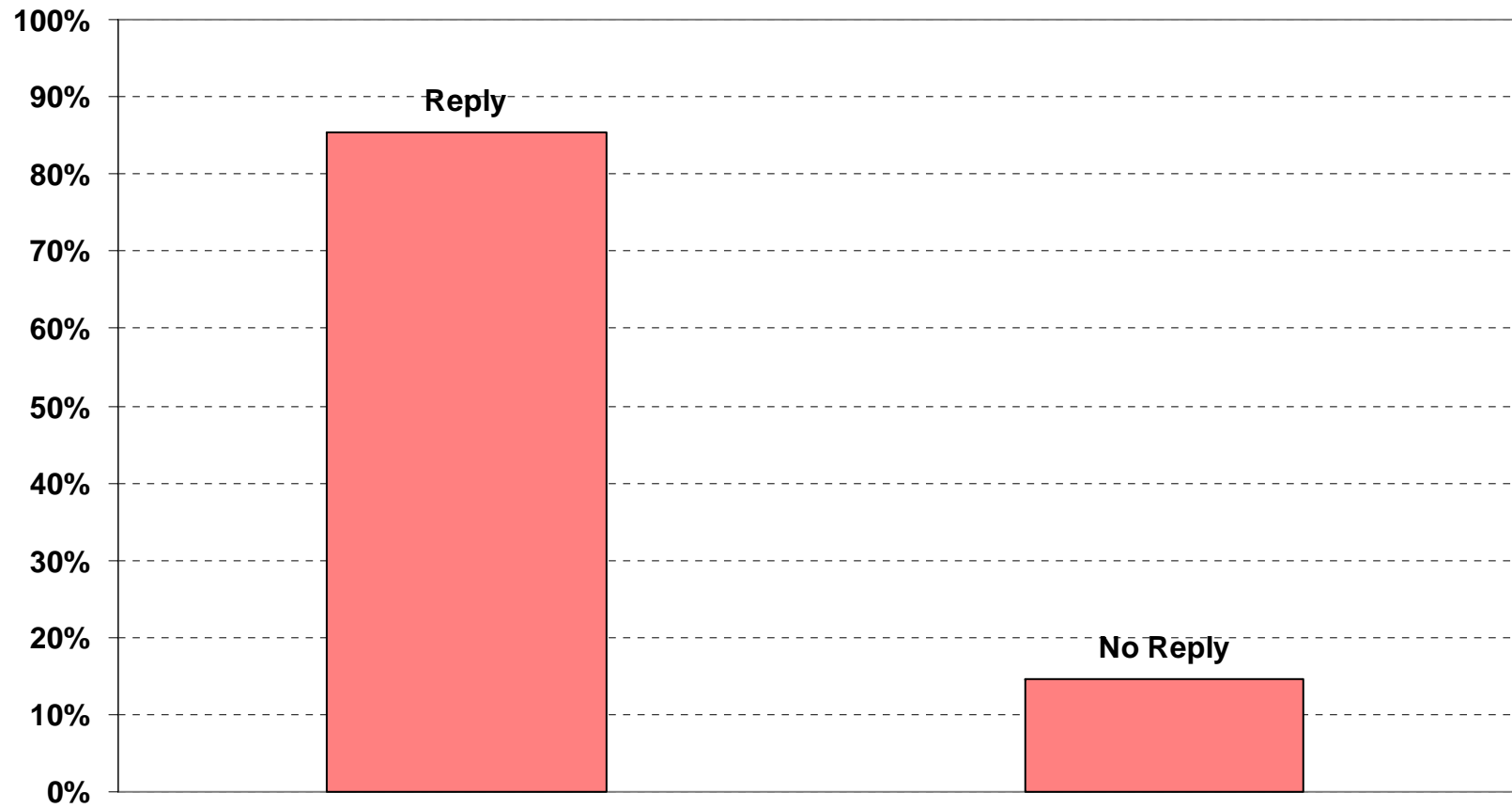
**Region 10: 100%**

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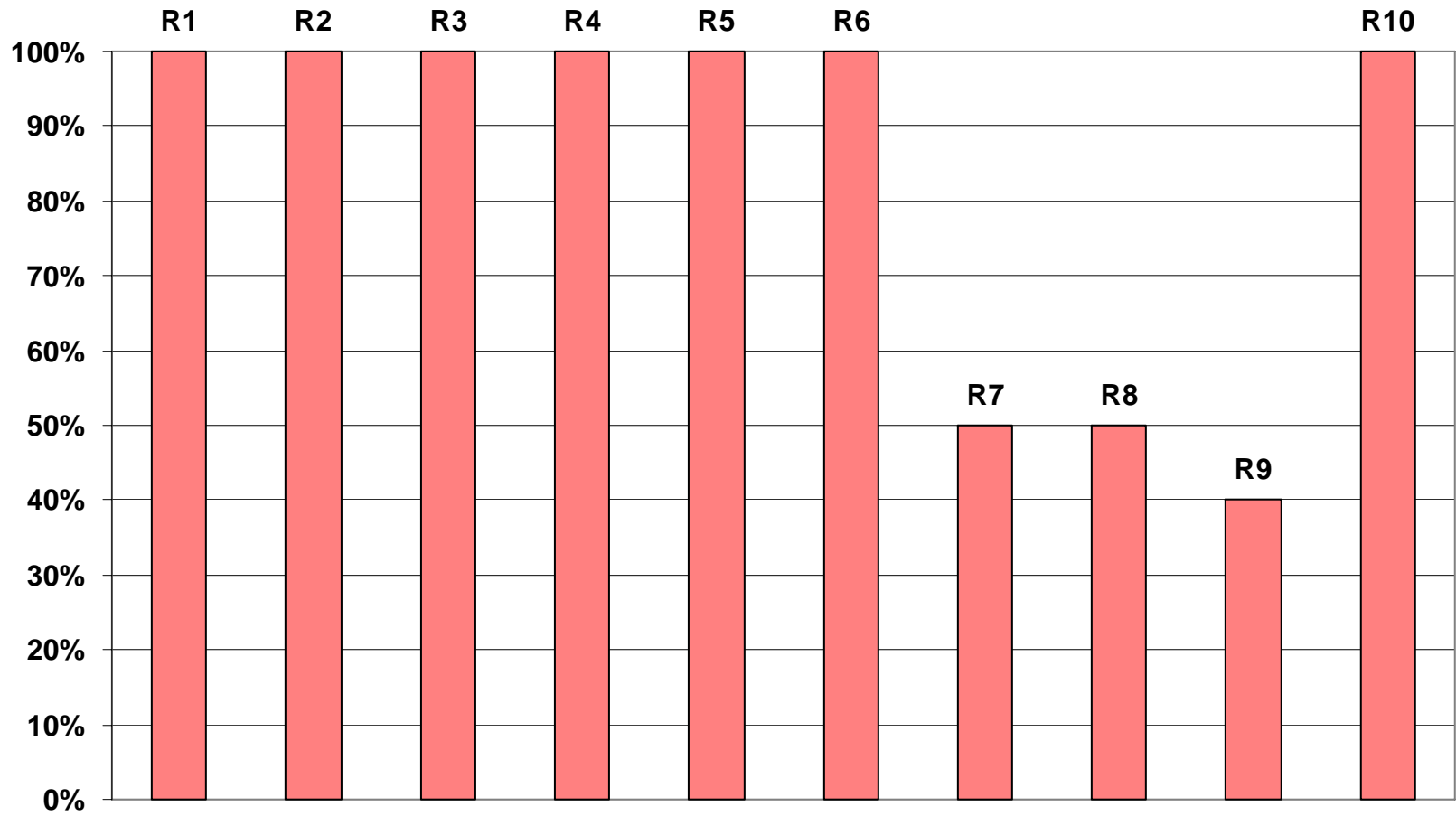
notes:

- Region 1 includes response from EPA Region 1 themselves plus their States.
- Region 2 includes EPA Region 2 as the permit issuing agency in PR and US VI, plus their States.
- Region 3 responded on behalf of their States except PA who responded directly.
- Region 4 included their States plus 2 local agencies.
- Region 5 Illinois responded but document not readable.
- Region 9 includes 2 States and 2 local agencies

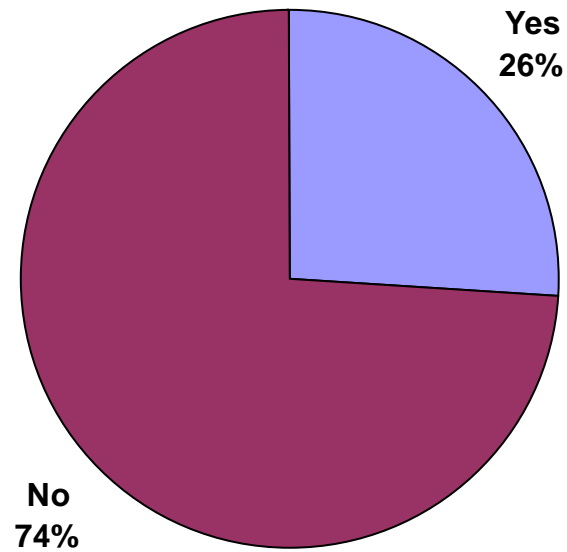
## Cumulative Region And State Response Statistics



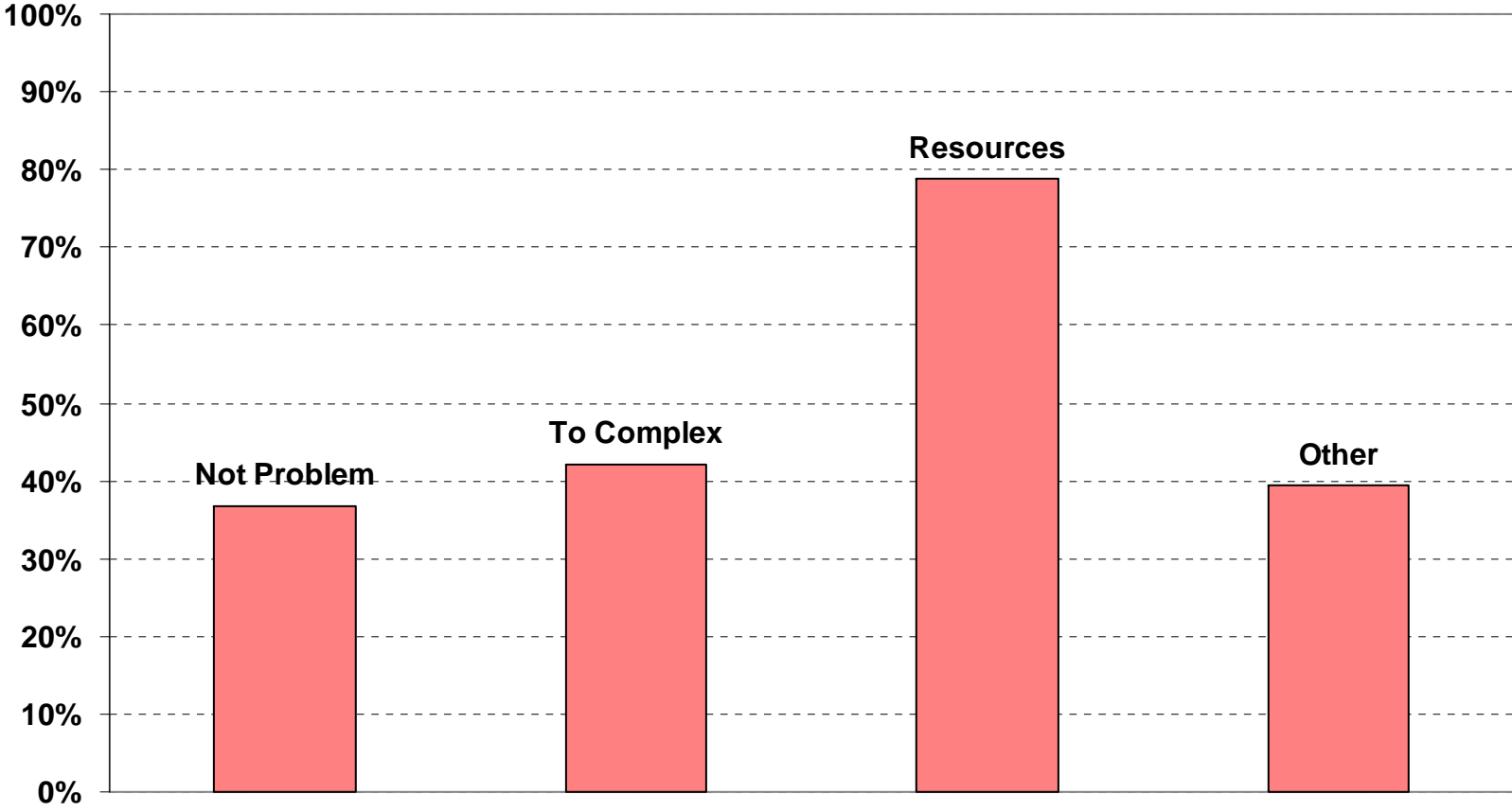
### By EPA Region Response Statistics



**Q1a. Does The State Routinely Track PSD Increment?**

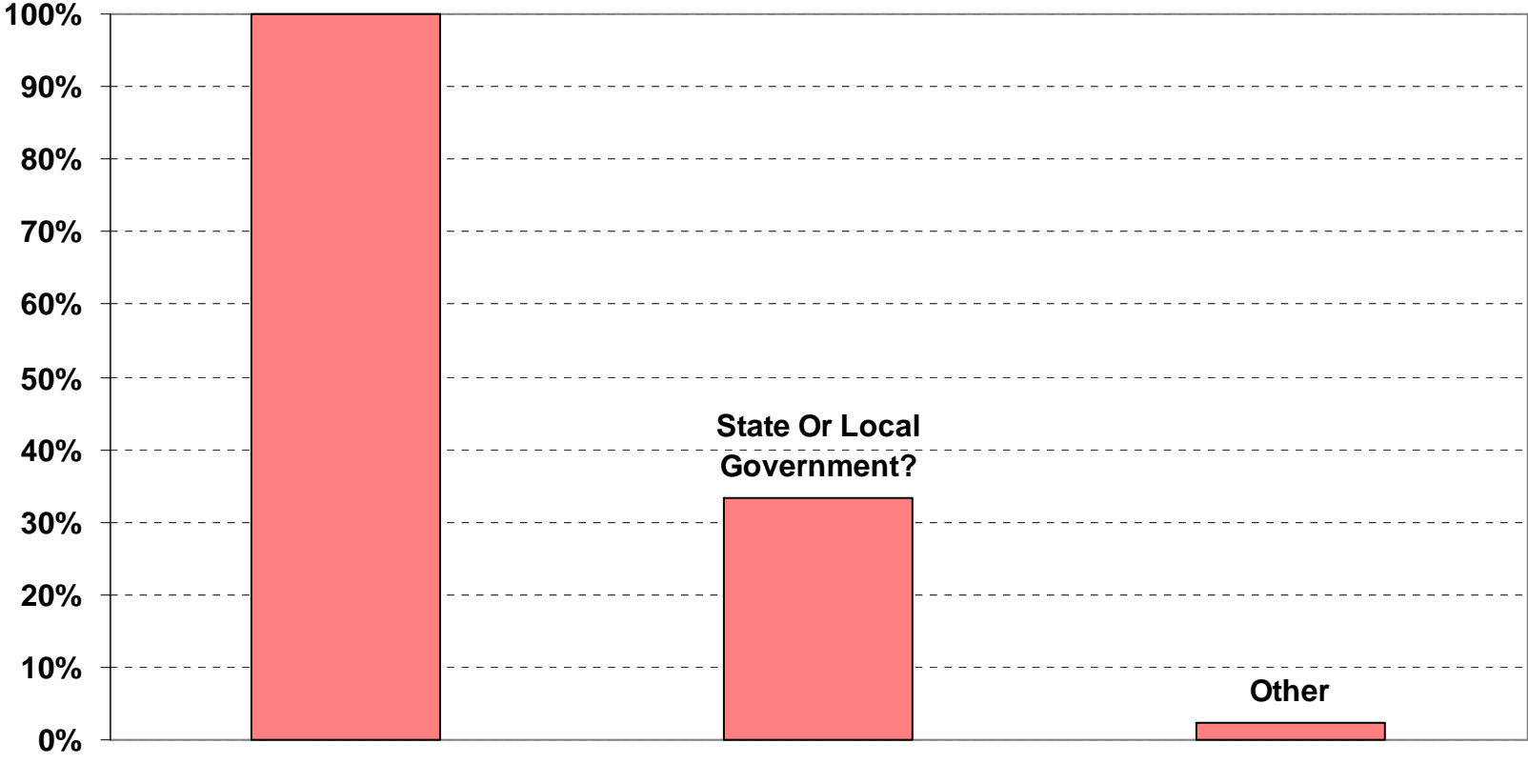


**Q1b. If No, Please State Why You Think This Is Not Done?**



# Q1c. What Percentage of PSD Increment Analyses Are Performed By...

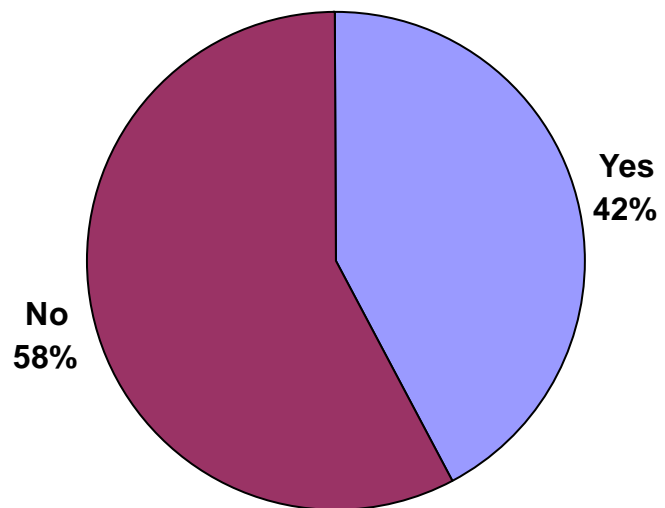
Sources Requesting  
PSD Permit?



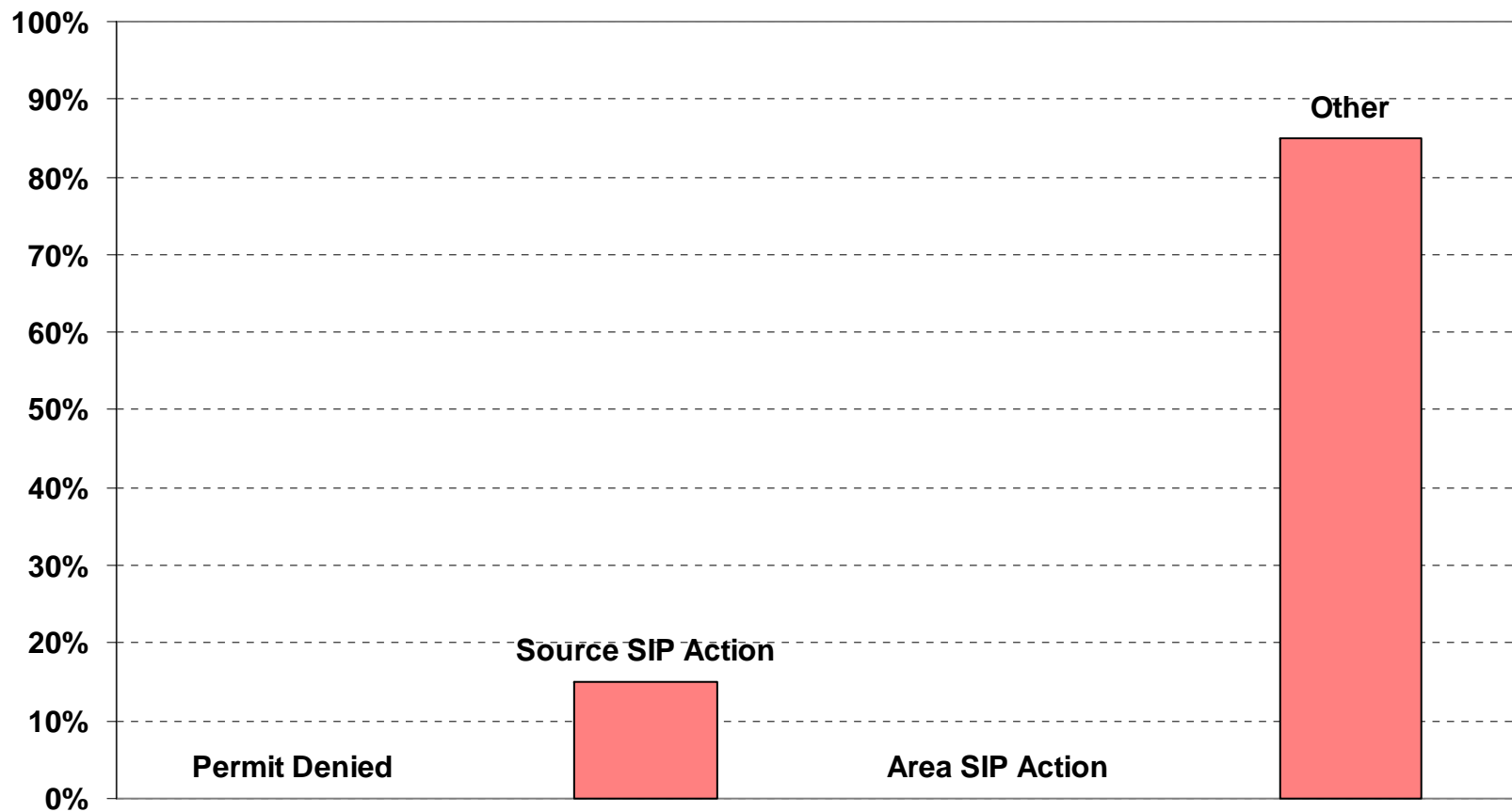
**Q2. Which Of The Following Is The Major Difficulty In Tracking Increment Consumption?**



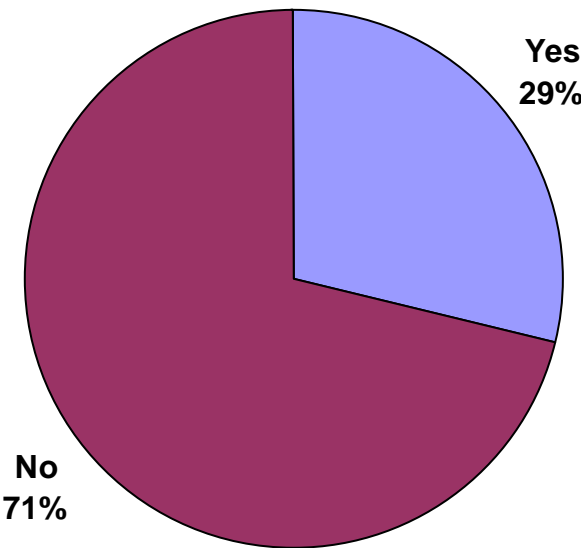
**Q3. Has The State Ever Identified A Class I Or Class II Area Increment Violation?**



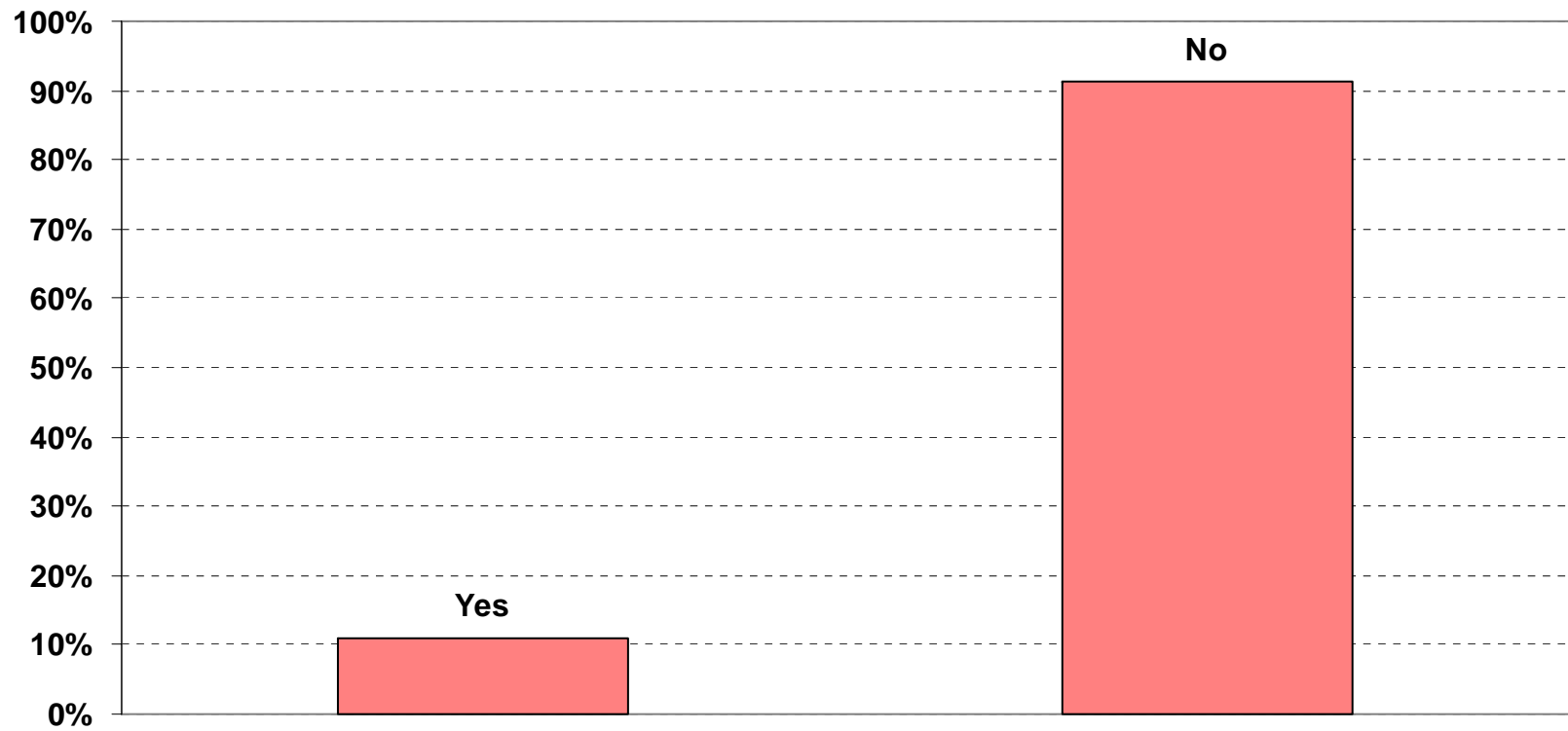
### Q3. If So, What Action Was Taken To Correct The Violation?



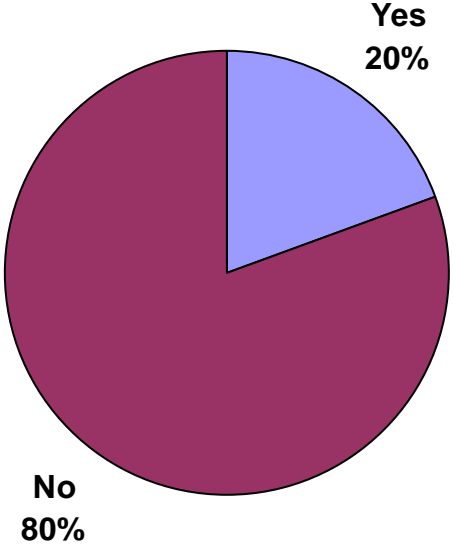
**Q4. Do You Think There Are Increment Violations In This State?**



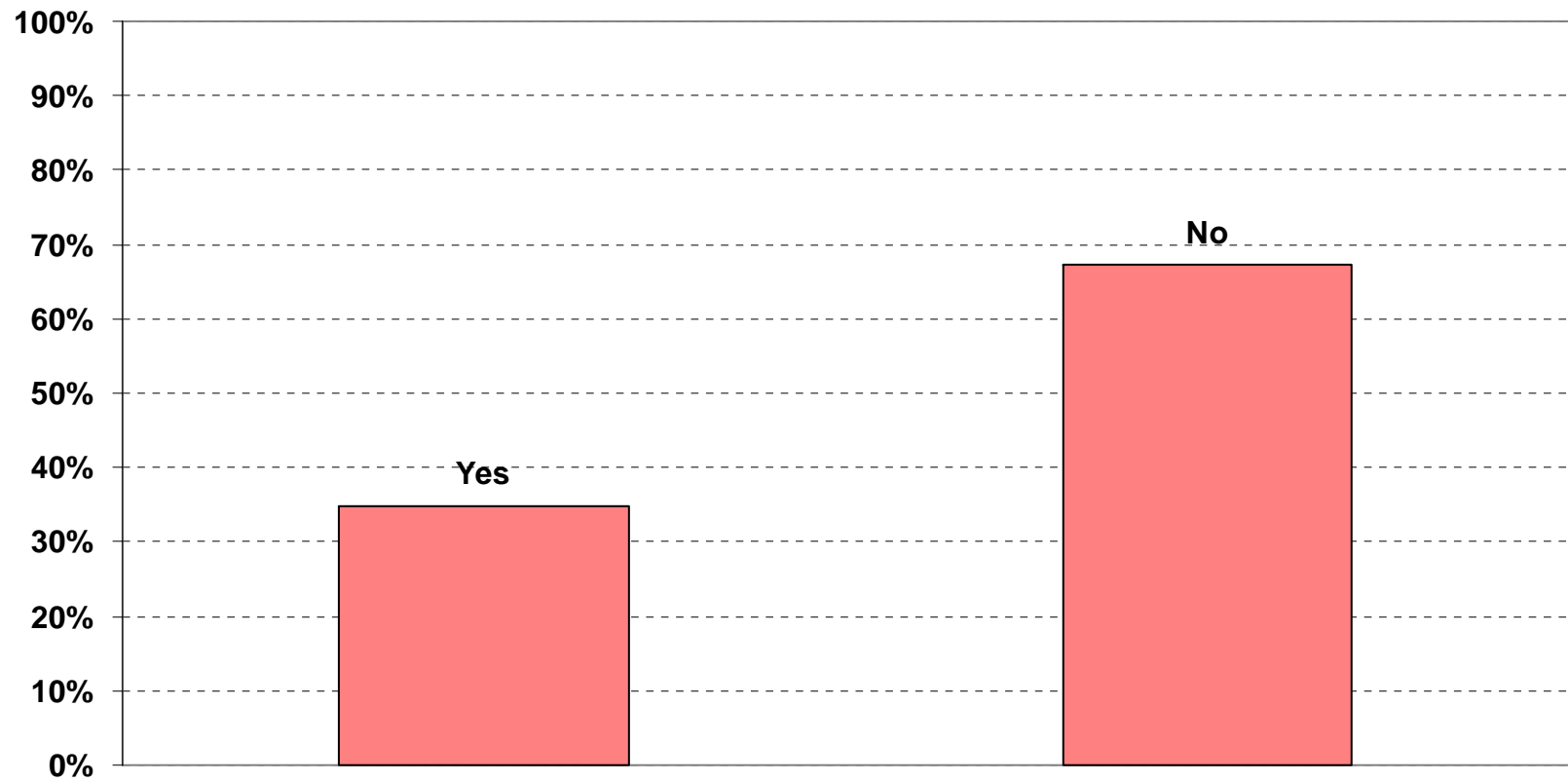
**Q5. Has The State Ever Done An Increment Calculation Where  
The Triggering Source Found That All The Increment Was  
Consumed By Minor Changes At Major Sources?**



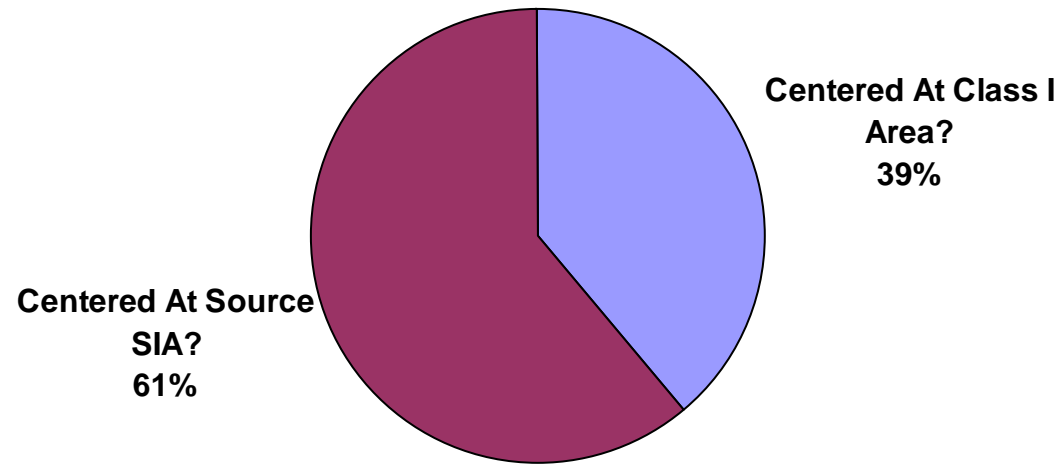
**Q6a. Does Your Region, This State Or A State Group Such As NESCAUM/WESTAR/MARAMA Have Projects Underway To Initiate A Cumulative Increment Analysis?**



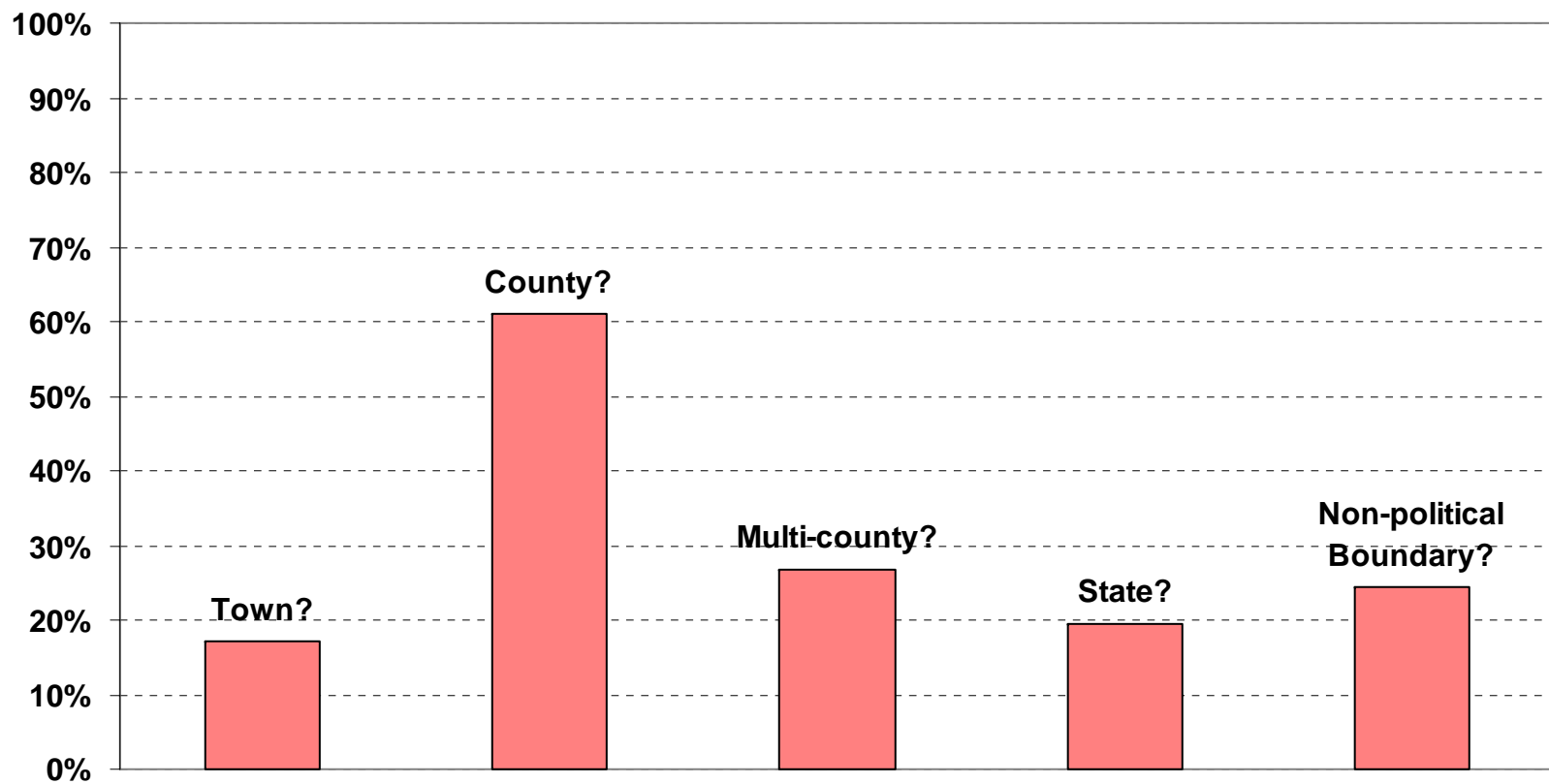
**Q6b. Does The State Limit The Amount Of Increment That Can Be Consumed By A New Or Modified Sources?**



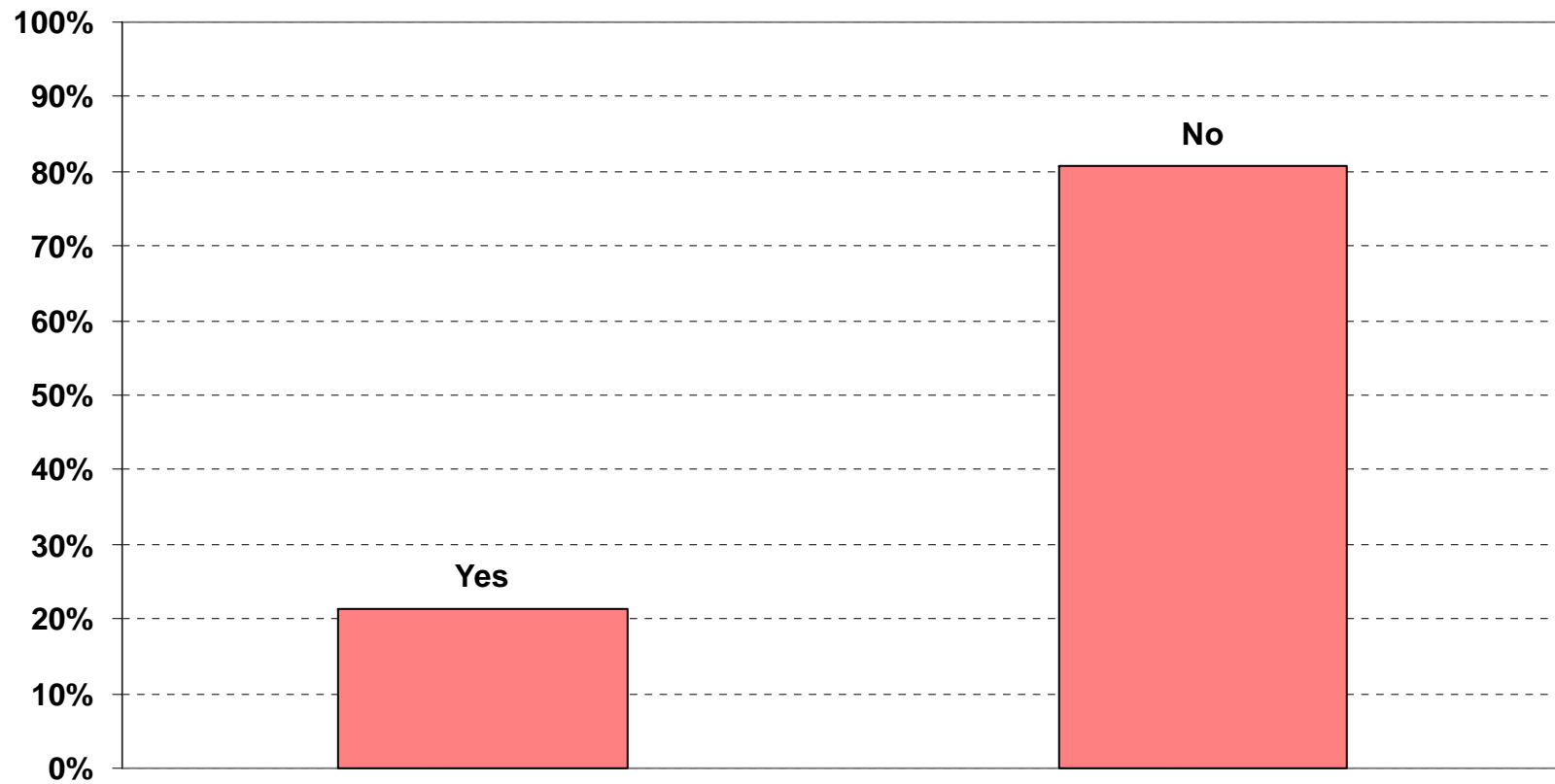
**Q7a. Is The Emissions Inventory Of A CClass I Area Increment...**



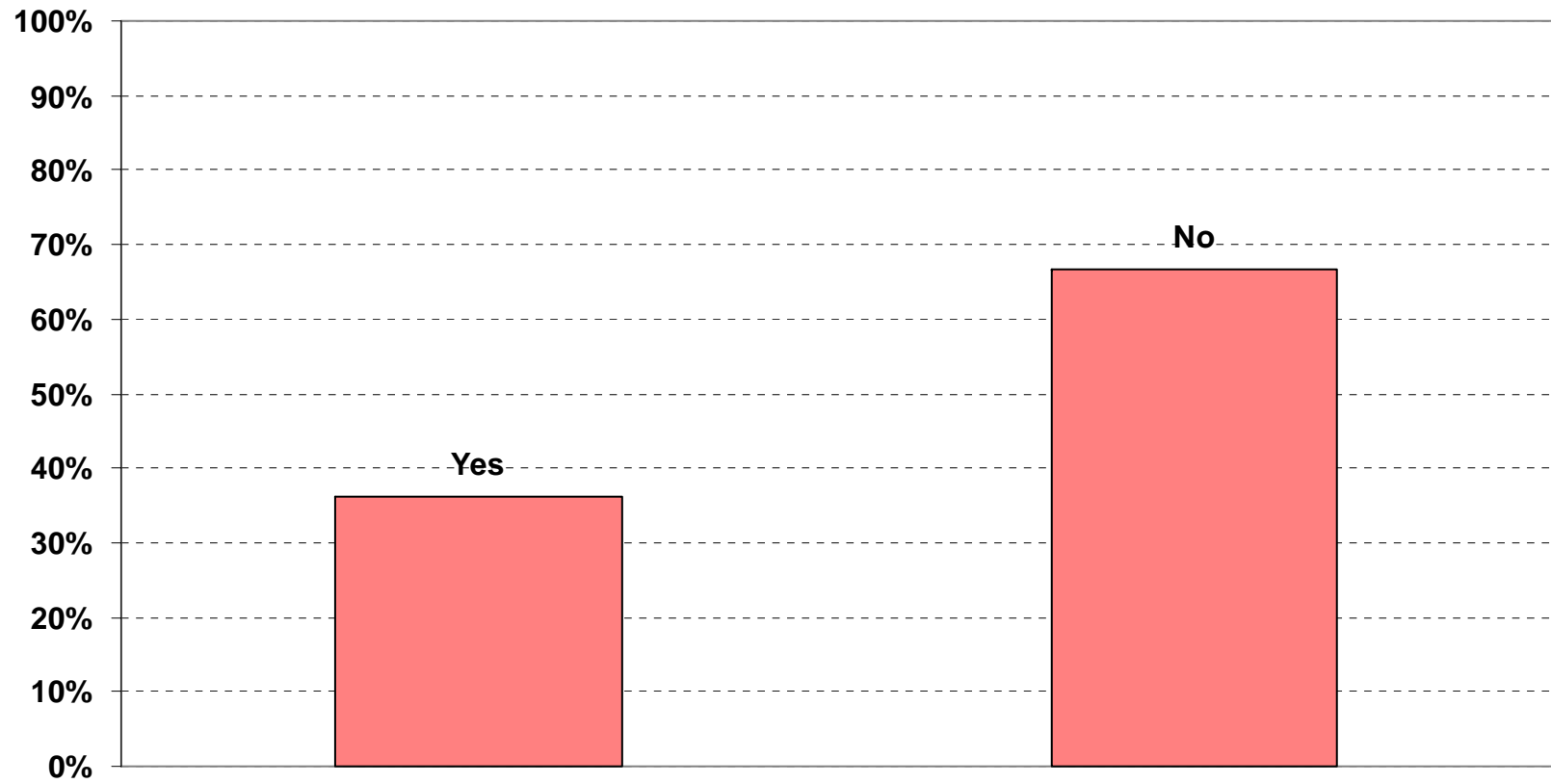
**Q7b. Does The State Routinely Base The Size Of Their 107 Areas On Size Of The...**



**Q7c. Does The State Routinely Include Mobile Sources In The Increment Analysis?**



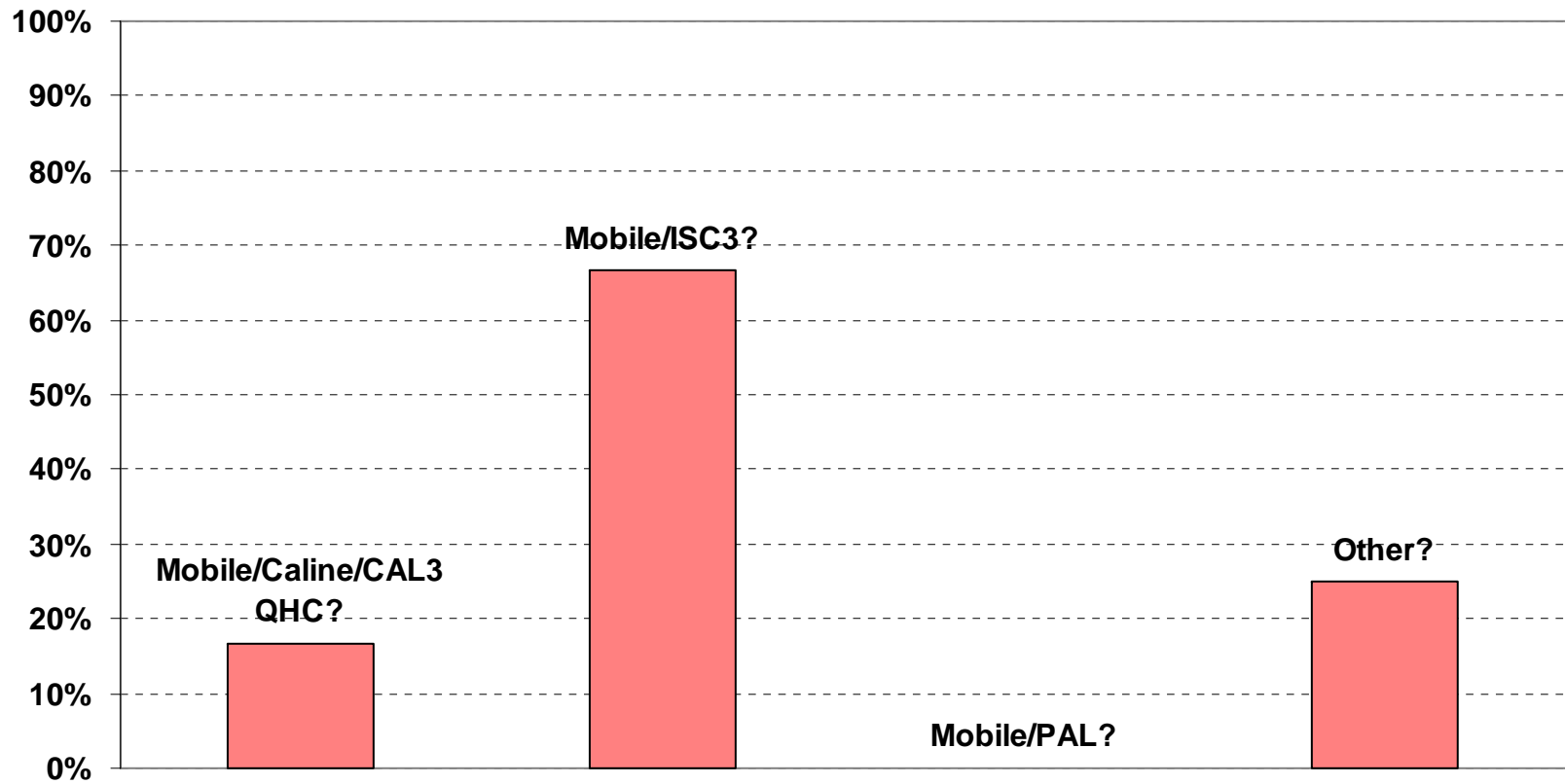
**Q7c. If No, Do You Think They Should be Be/It's A Relevant Issue For Them?**



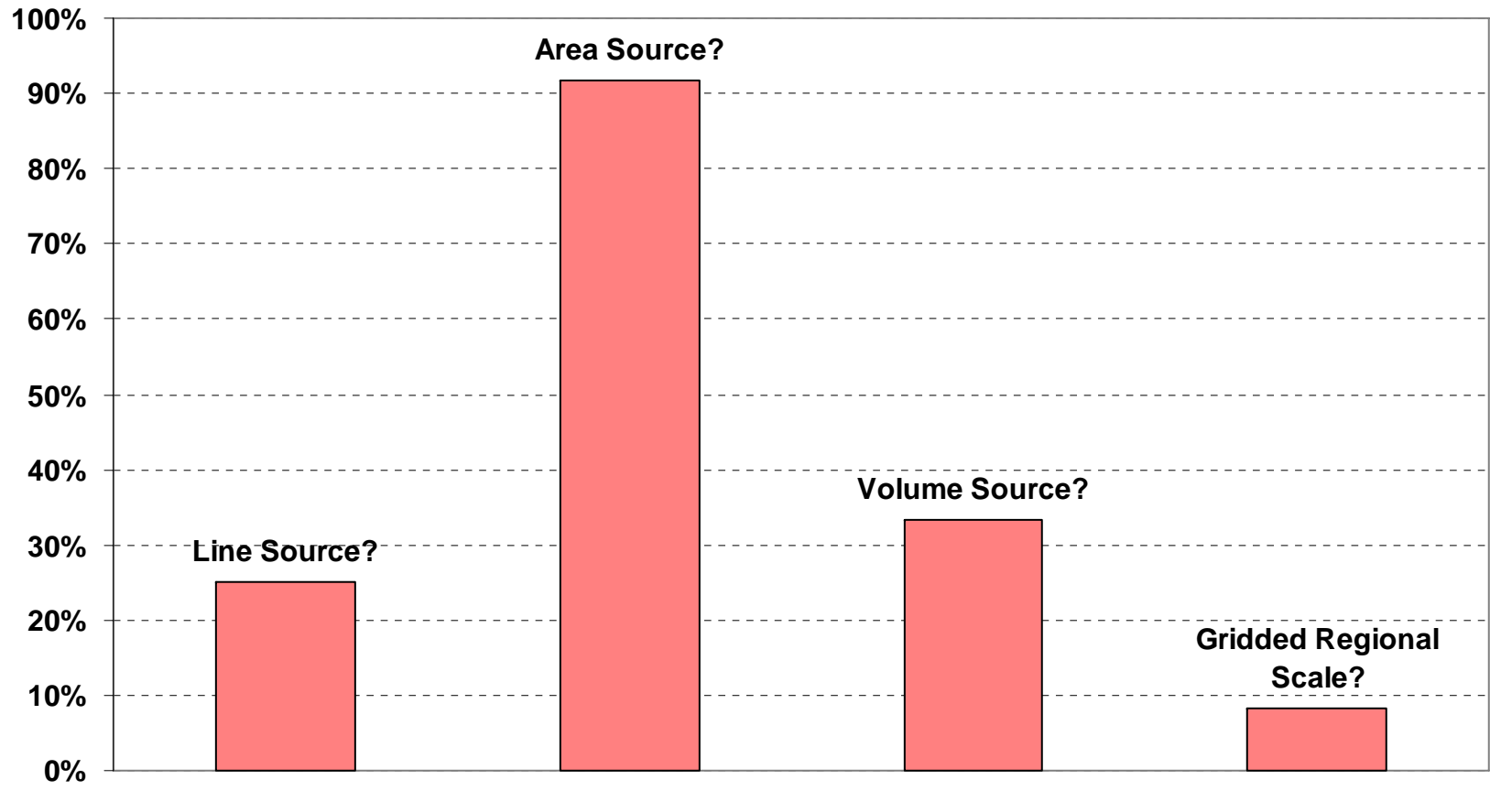
**Q7c. If Yes, Which Pollutants?**



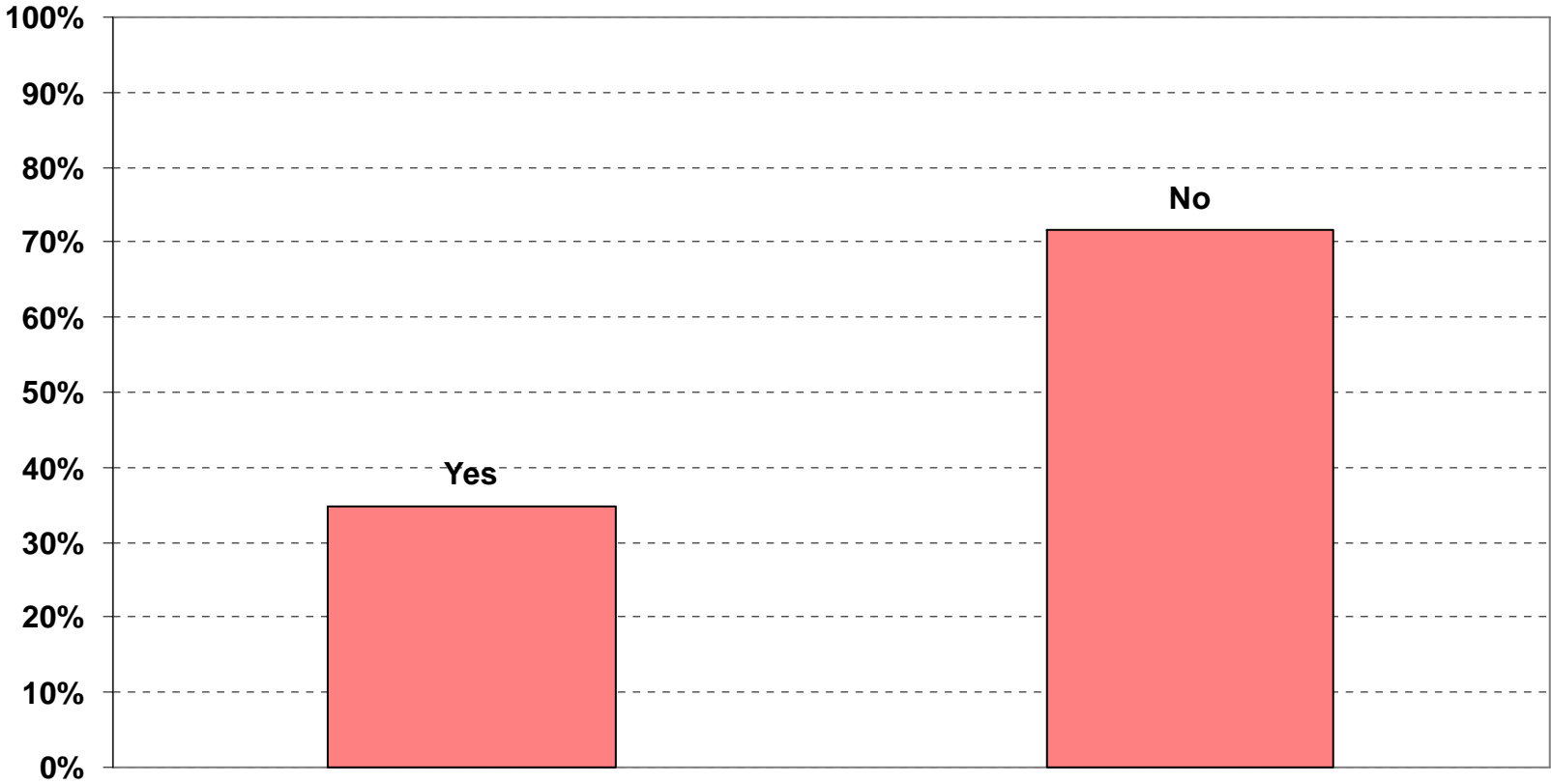
**Q7c. If Yes, Quantify The Mobile Source Increment Impacts With One Or More Of The Following Models...**



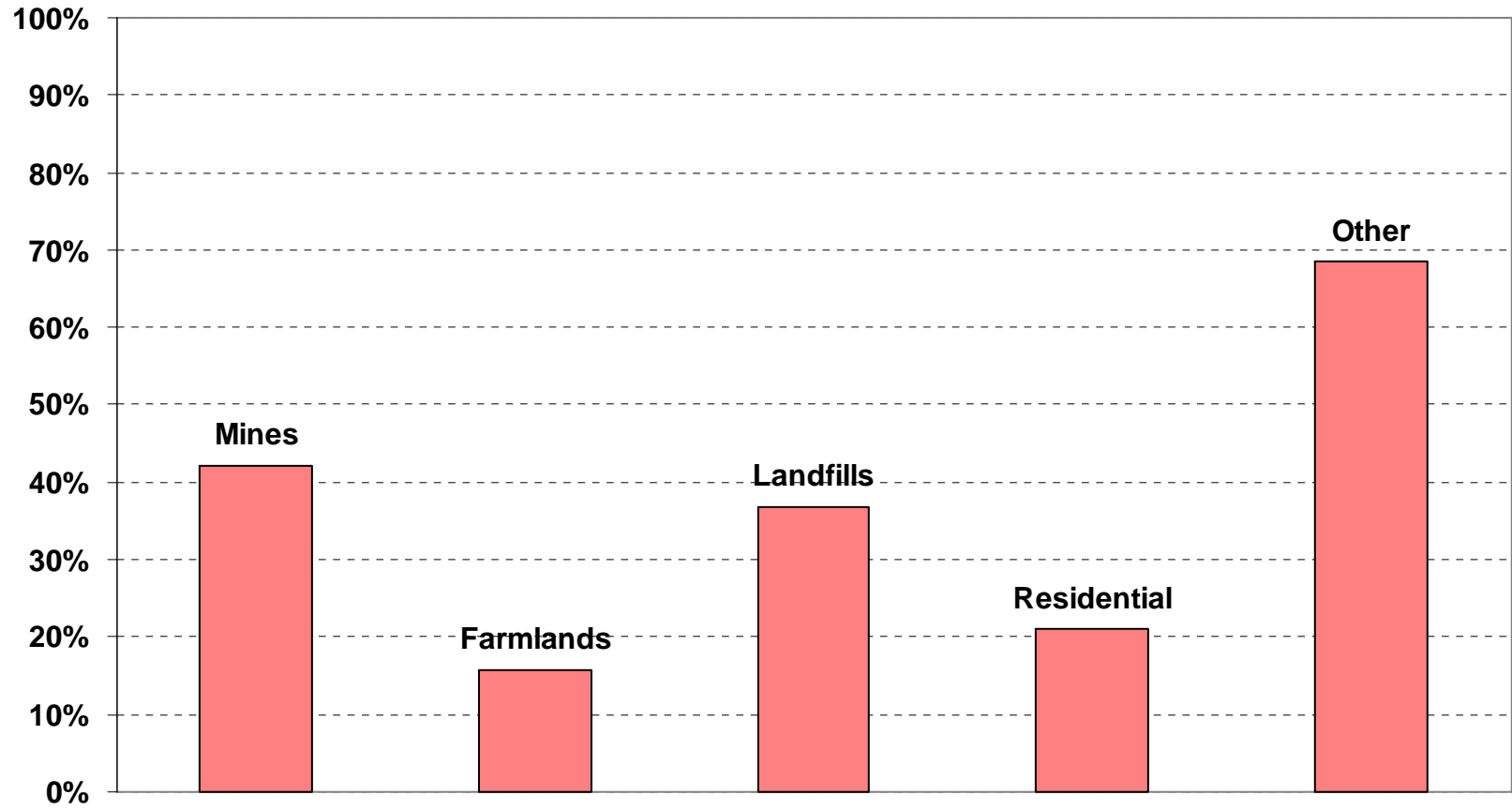
**Q7c. If Yes, Are The Mobile Sources Characterized As:**



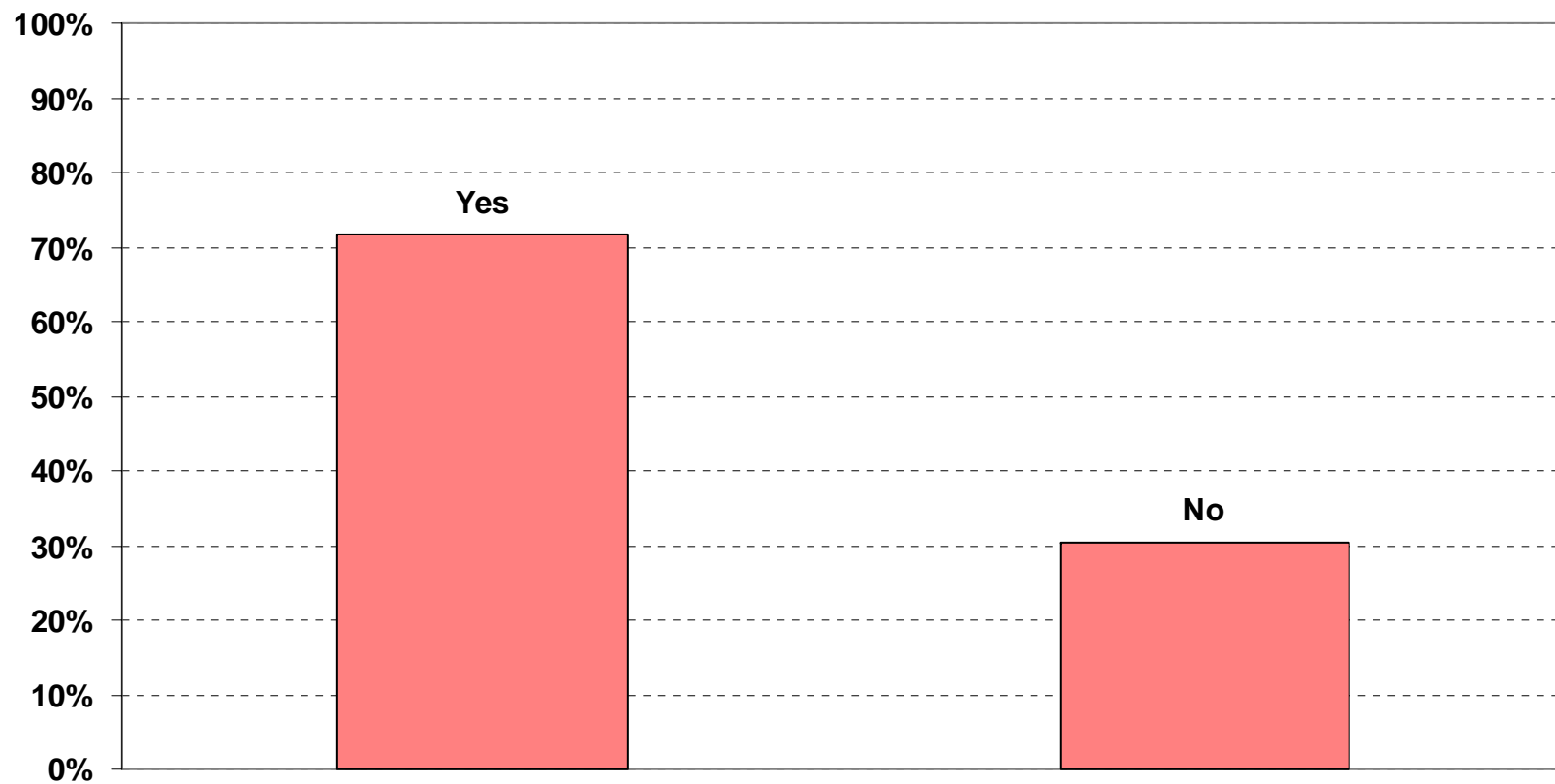
**Q7d. Does The State Routinely Include Areas Sources In The Increment Analysis?**



### Q7d. If Yes, What Type of Area Sources?



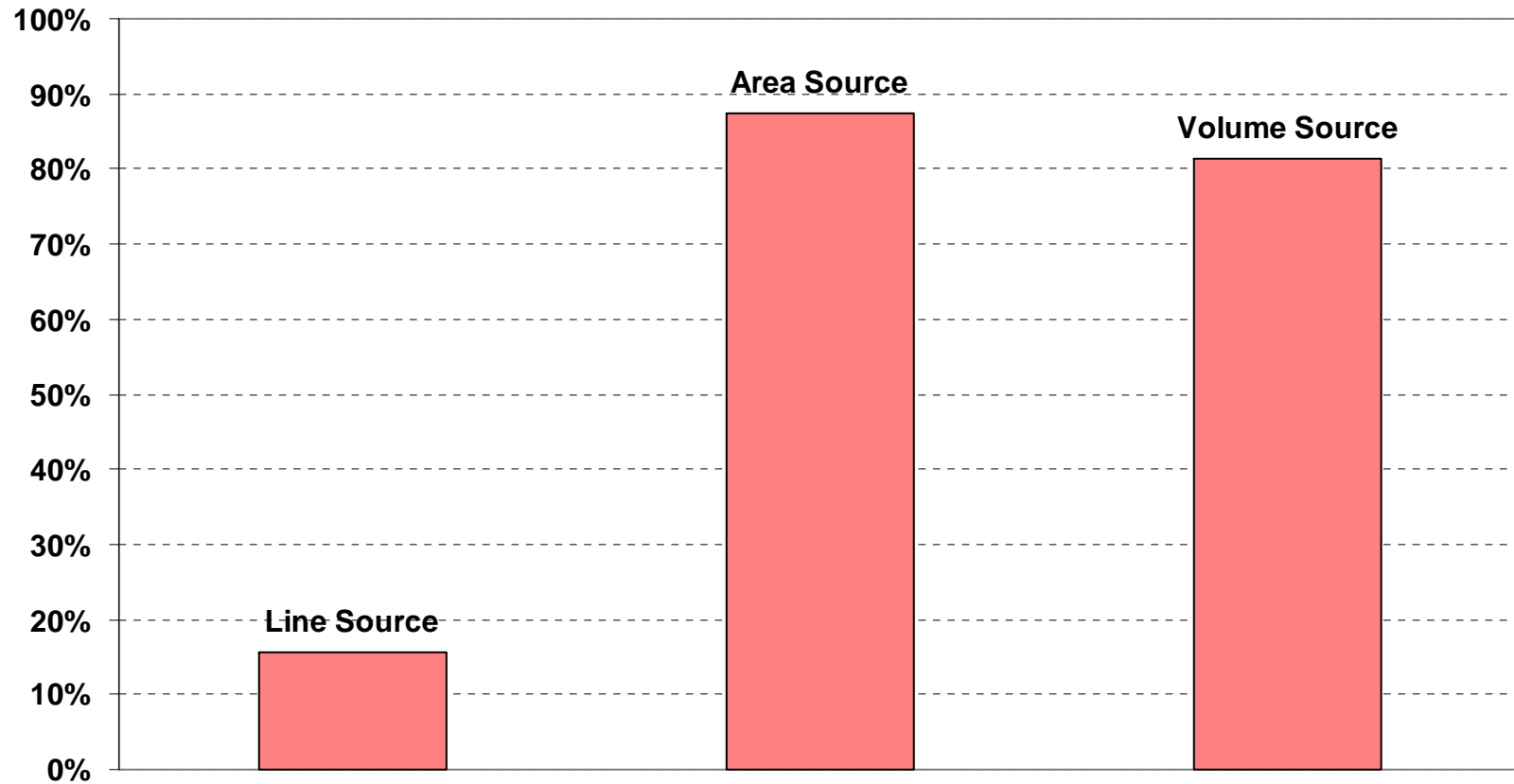
**Q7e. Does the State Routinely Include Fugitive Emissions In The Increment Analysis?**



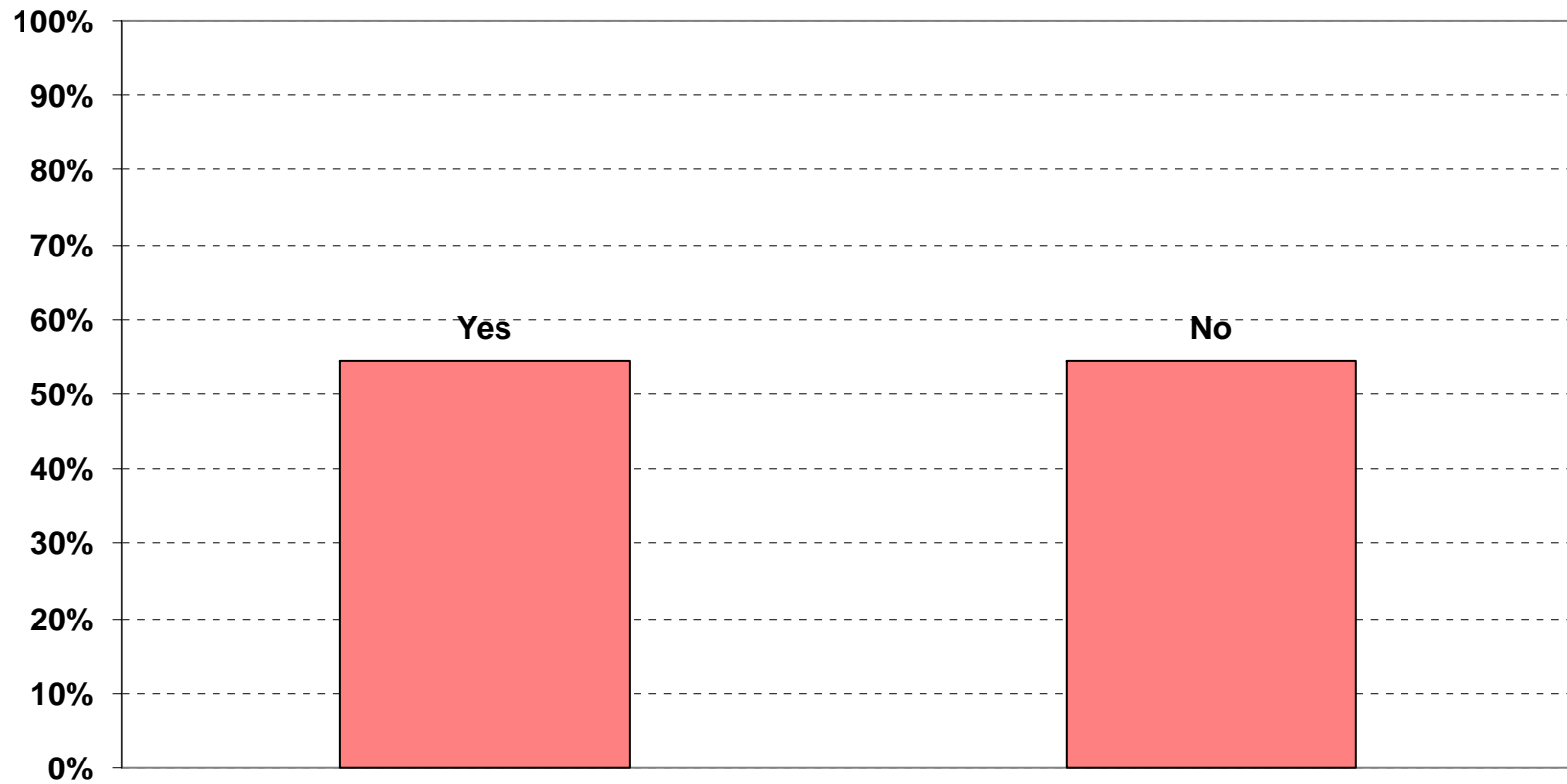
### Q7e. If Yes, What Type Of Fugitive Emissions?



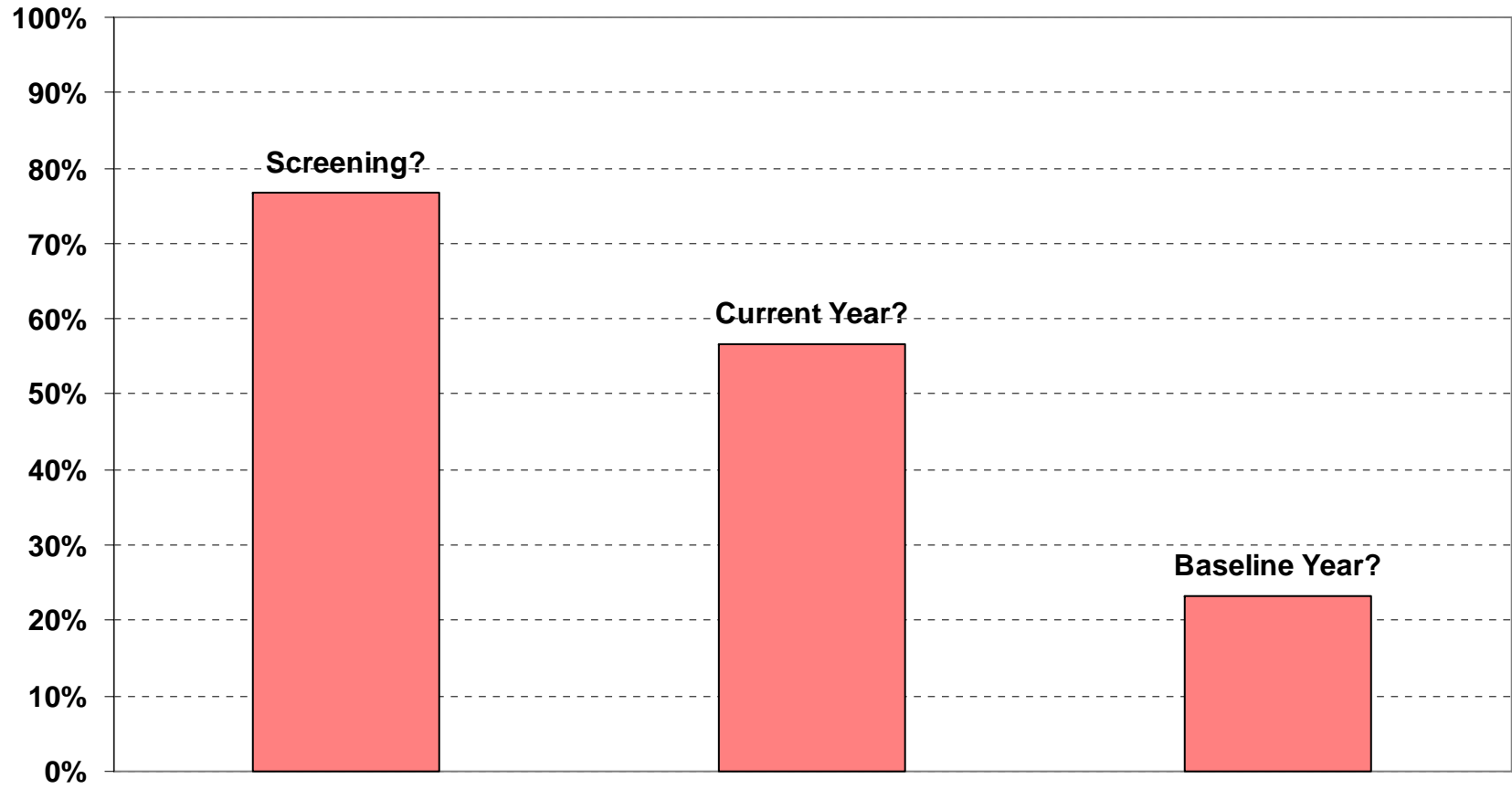
### Q7e. If Yes, How Are The Fugitive Sources Modeled?



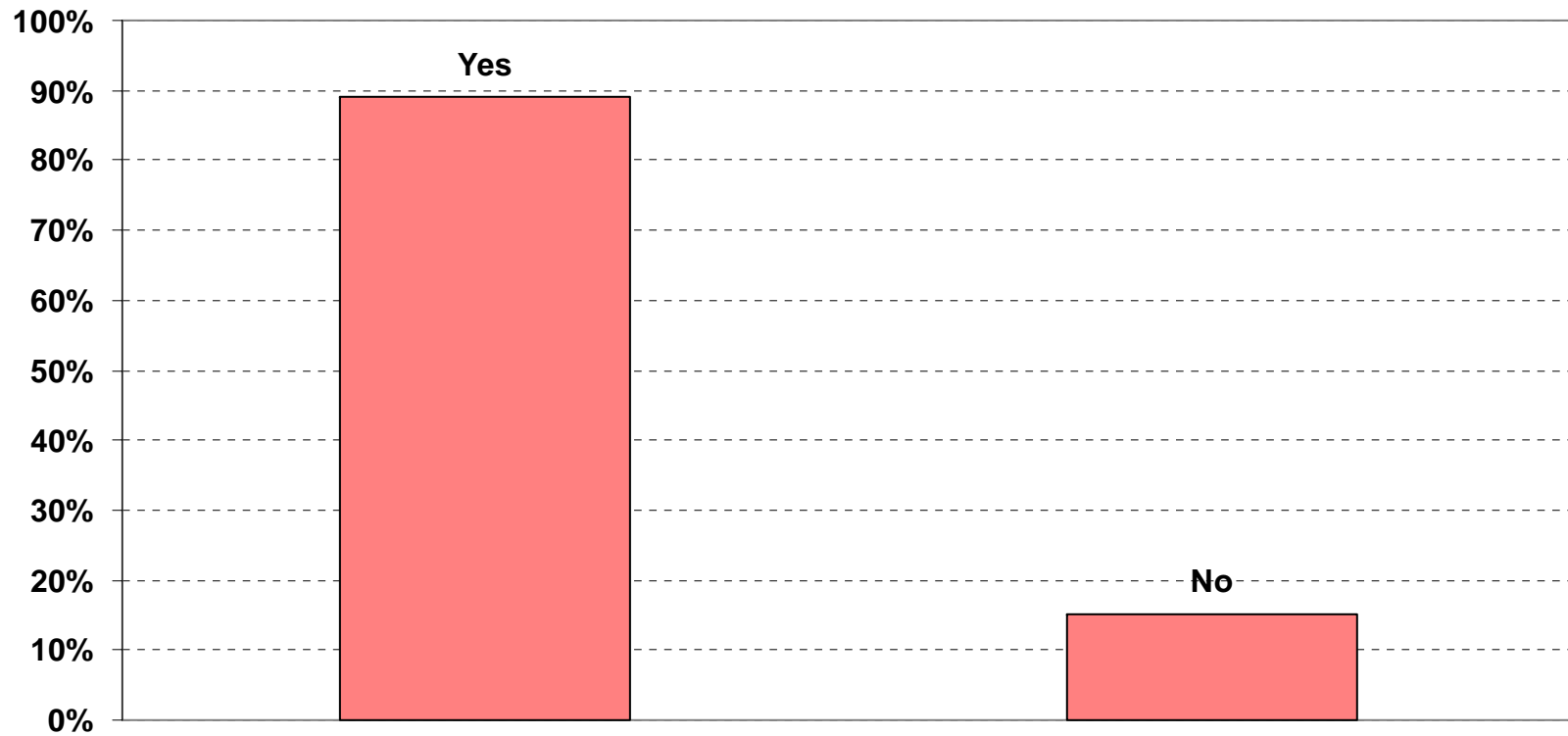
**Q7f. Does The State Routinely Base The Increment Analysis On Actual Emissions (Other Than The Proposed Source)?**



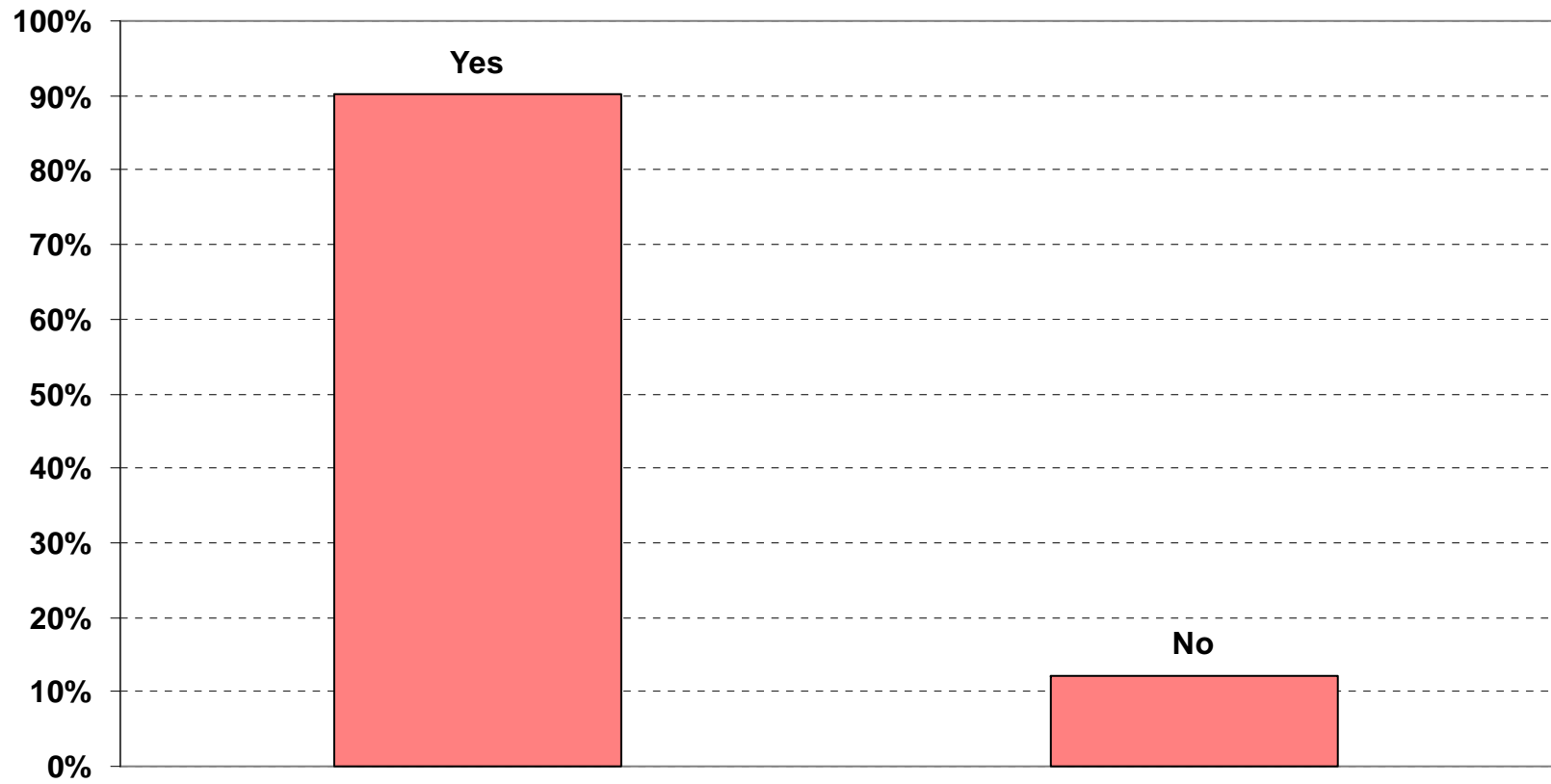
### Q7f. If No, Do They Use Allowables For...



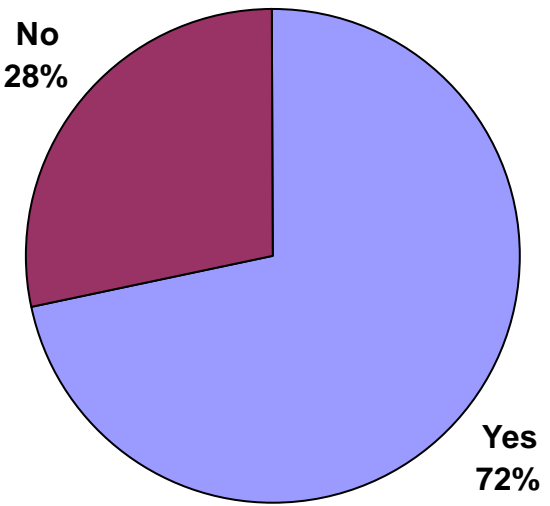
**Q7g. Does The State Routinely Include Other Proposed Sources Which Have Filed Complete Applications But Not Yet Constructed?**



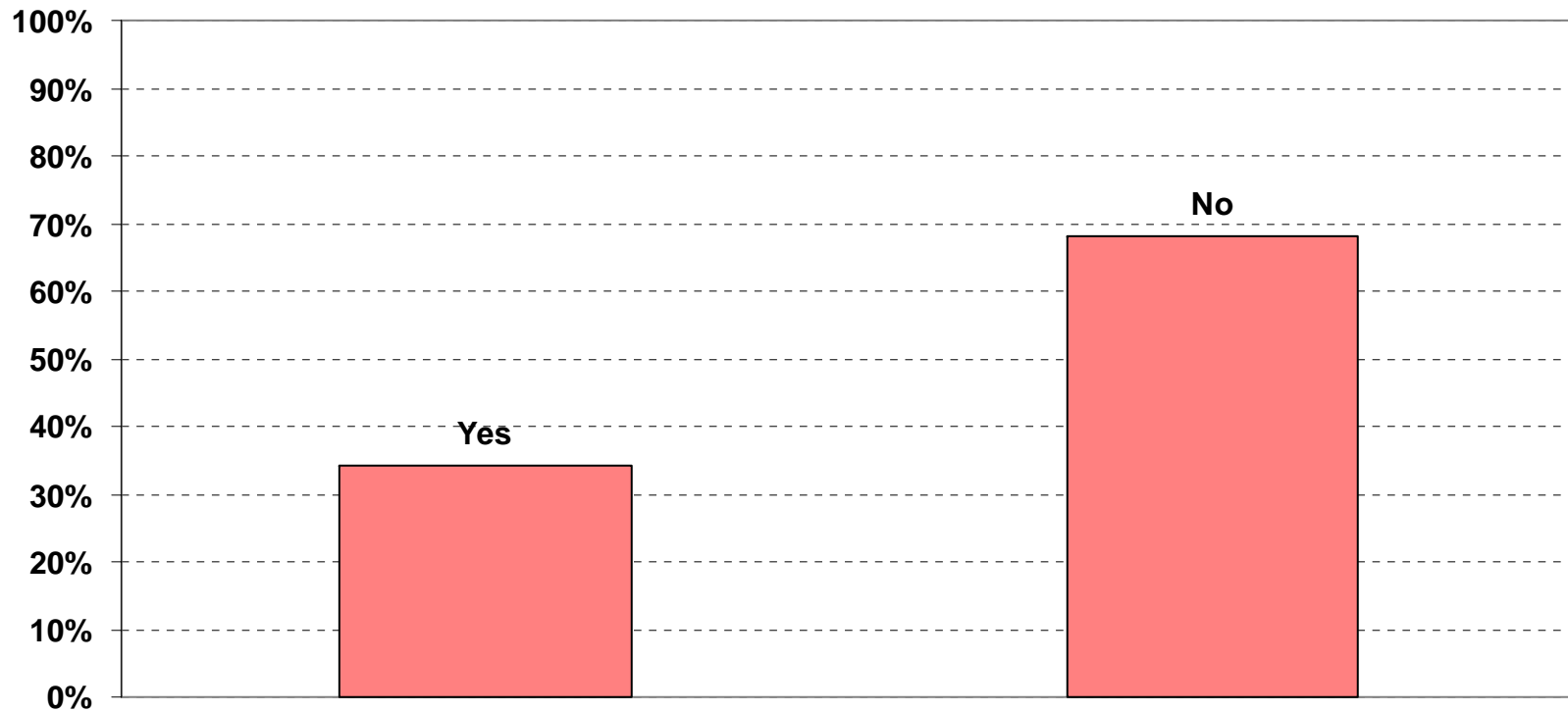
**Q7h. Does The State Routinely Maintain Logs Of Minor Source  
Baseline Trigger Dates For Each Baseline Area?**



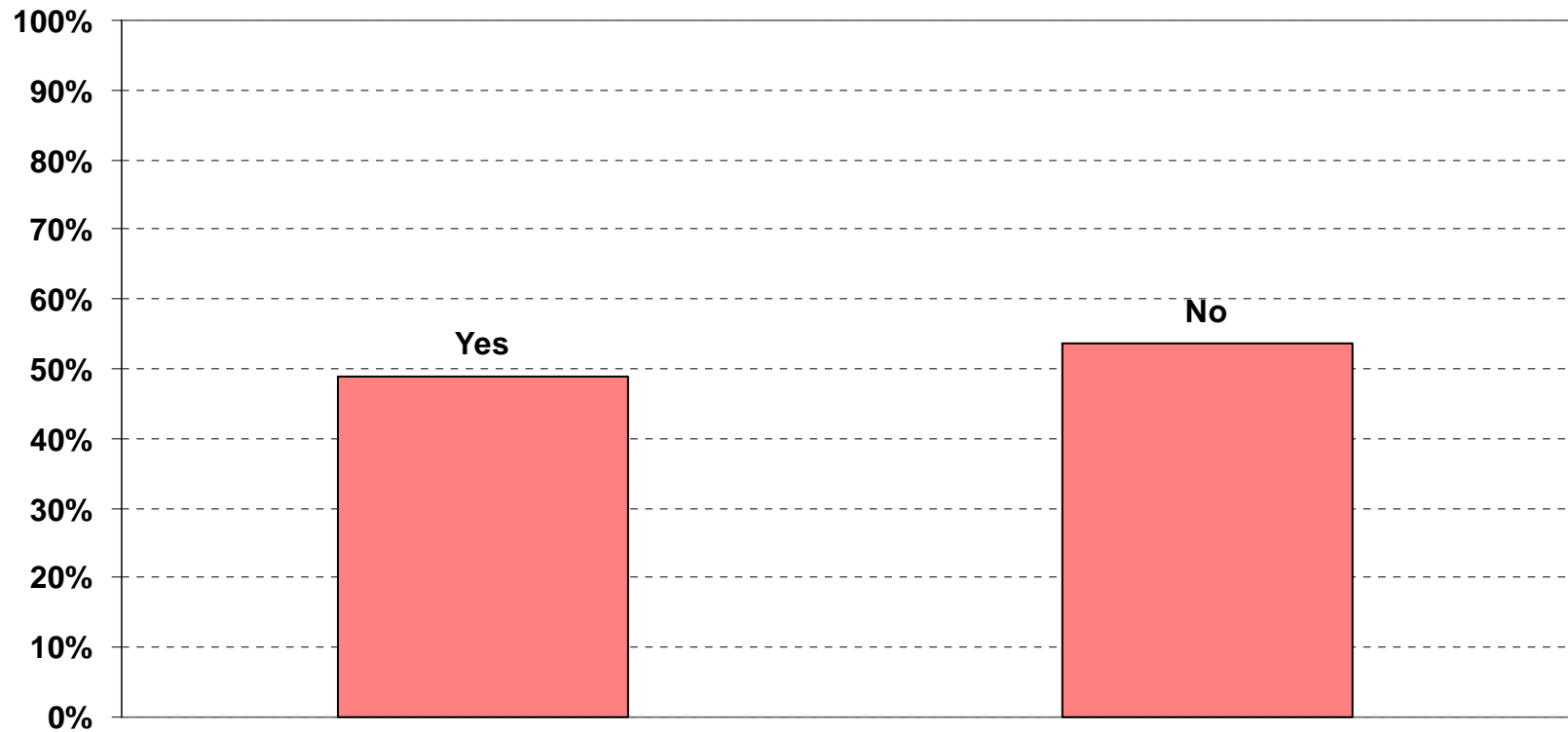
**Q7i. Does The State Routinely Maintain A Minor Source Emissions Inventory?**



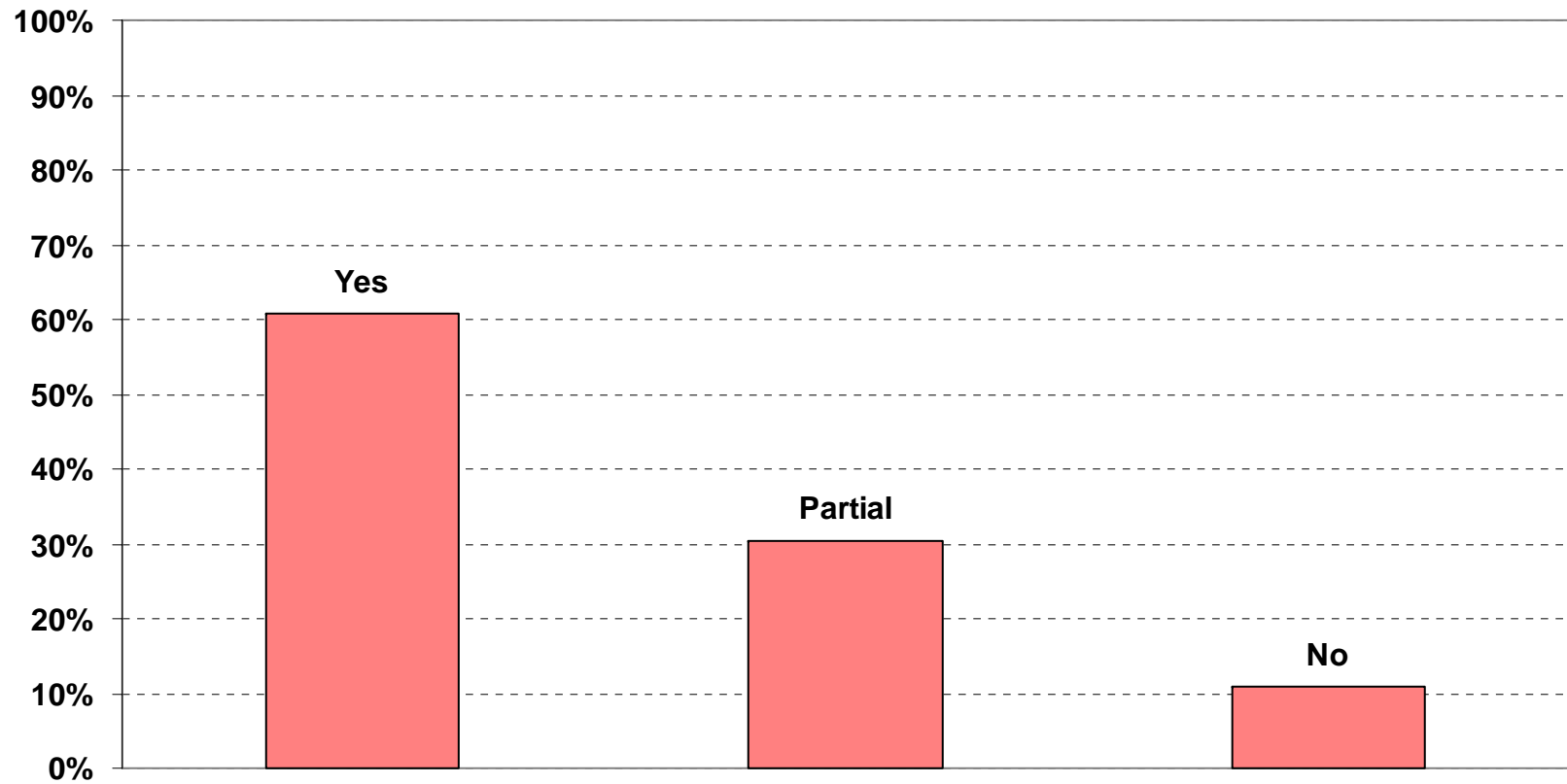
**Q7j. Does The State Routinely Include "Latent Increment Consumption" (I.E., Emissions Increases Due To Minor Changes At Major Sources Between The Major Source Baseline Date And The Minor Source Baseline Date) In the Increment Consuming EI?**



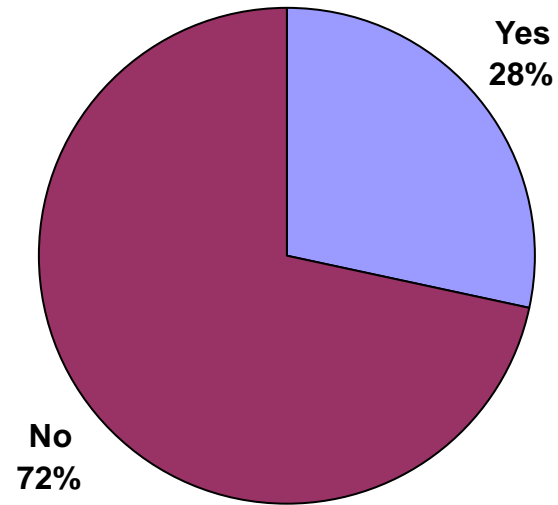
**Q7k. Does The State Routinely Intend To Use The New Reporting Emissions Inventory Requirements In 40CFR51.35 To Update The State Modeling Emissions Inventory?**



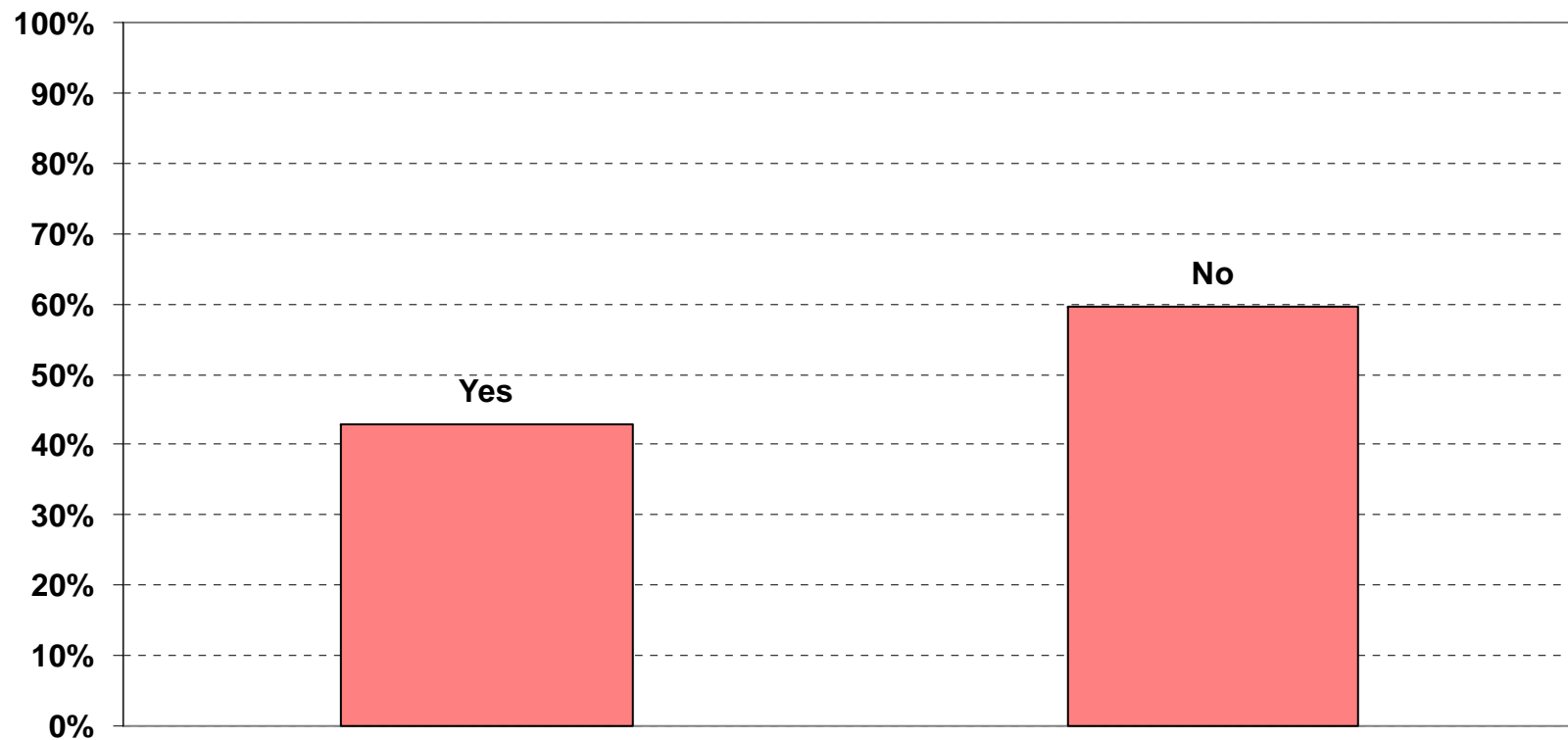
**Q7I. Does The State Routinely Maintain A Current Actual Emissions Inventory?**



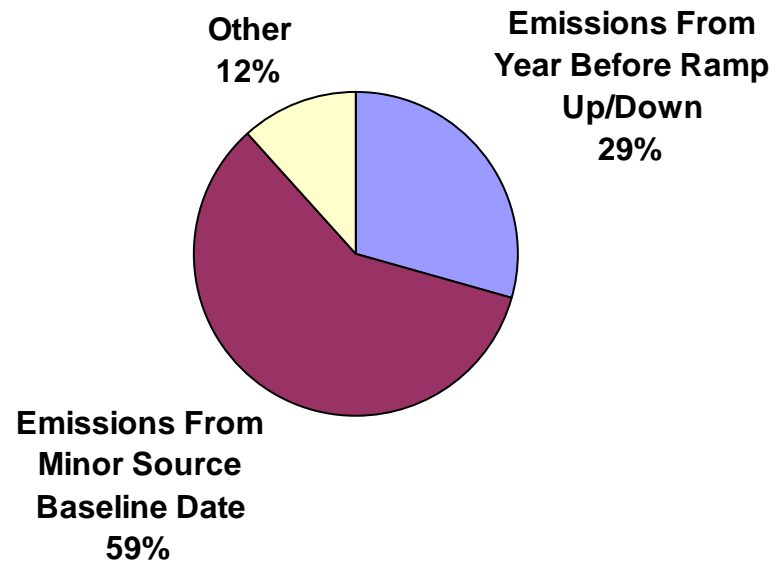
**Q7m. Does The State Routinely Maintain A Baseline Actual Emissions Inventory?**



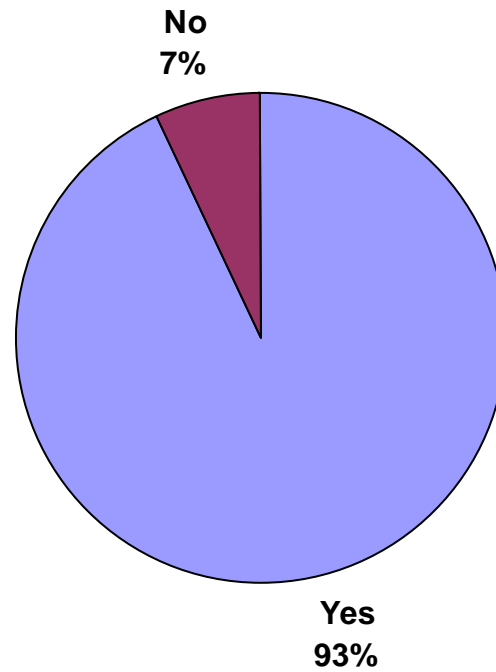
**Q7n. Does The State Routinely Model For Ramp Up Actual Emissions ( I.E., Actual Emission Increases Since The Minor Source Baseline Date That Are Still Within Allowable Limits)?**



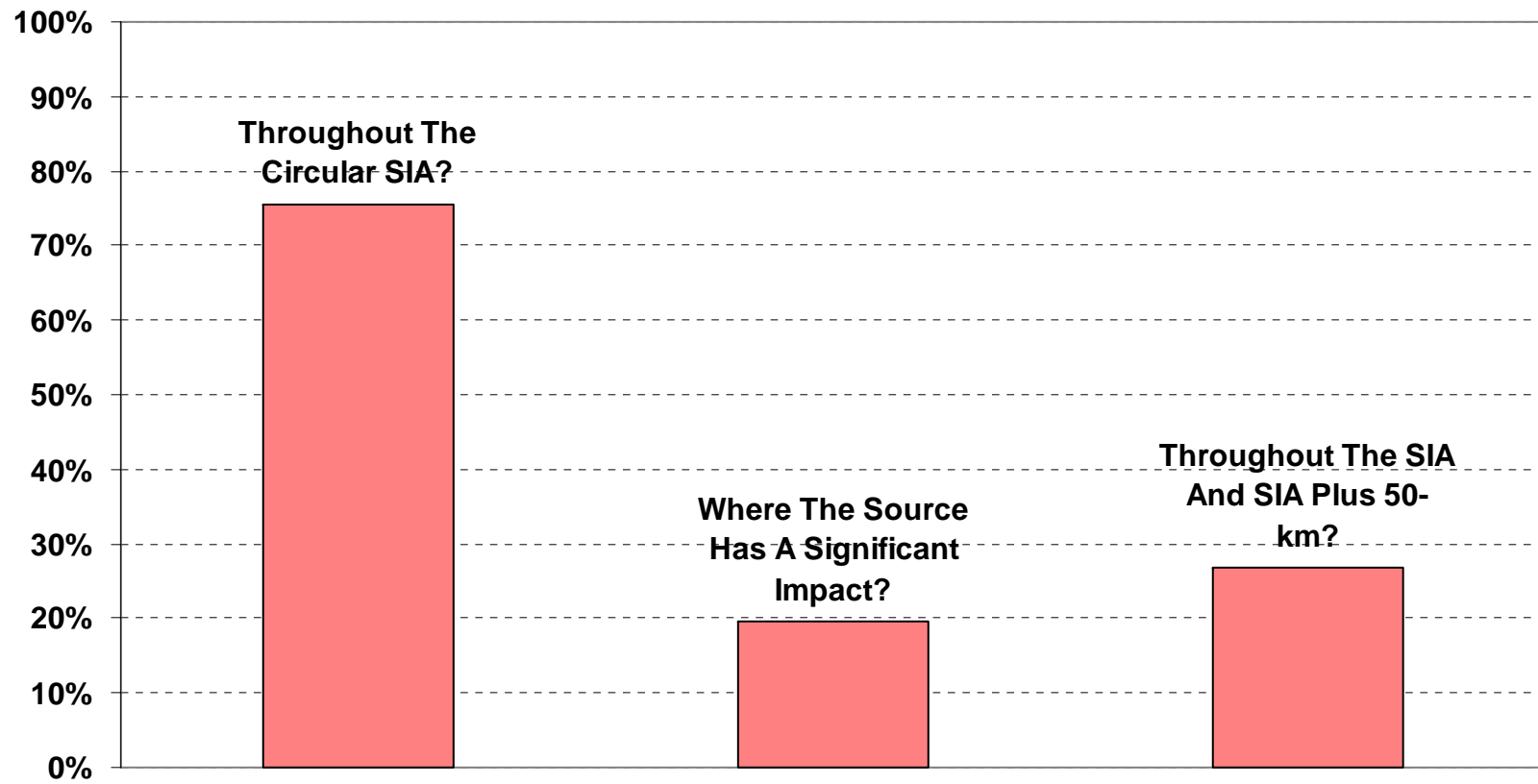
**Q7n. If Yes, What Bench Mark Is Used To Assess The Emission Change?**



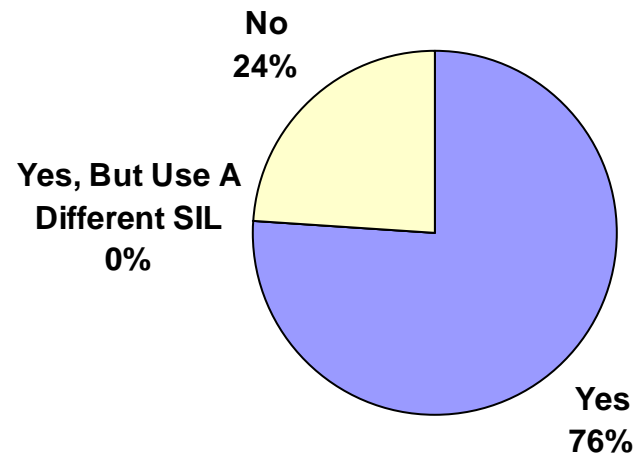
**Q7o. Does The State Routinely Screen The Emissions Inventory For Possible Important Sources Outside The SIA Up To 50-km?**



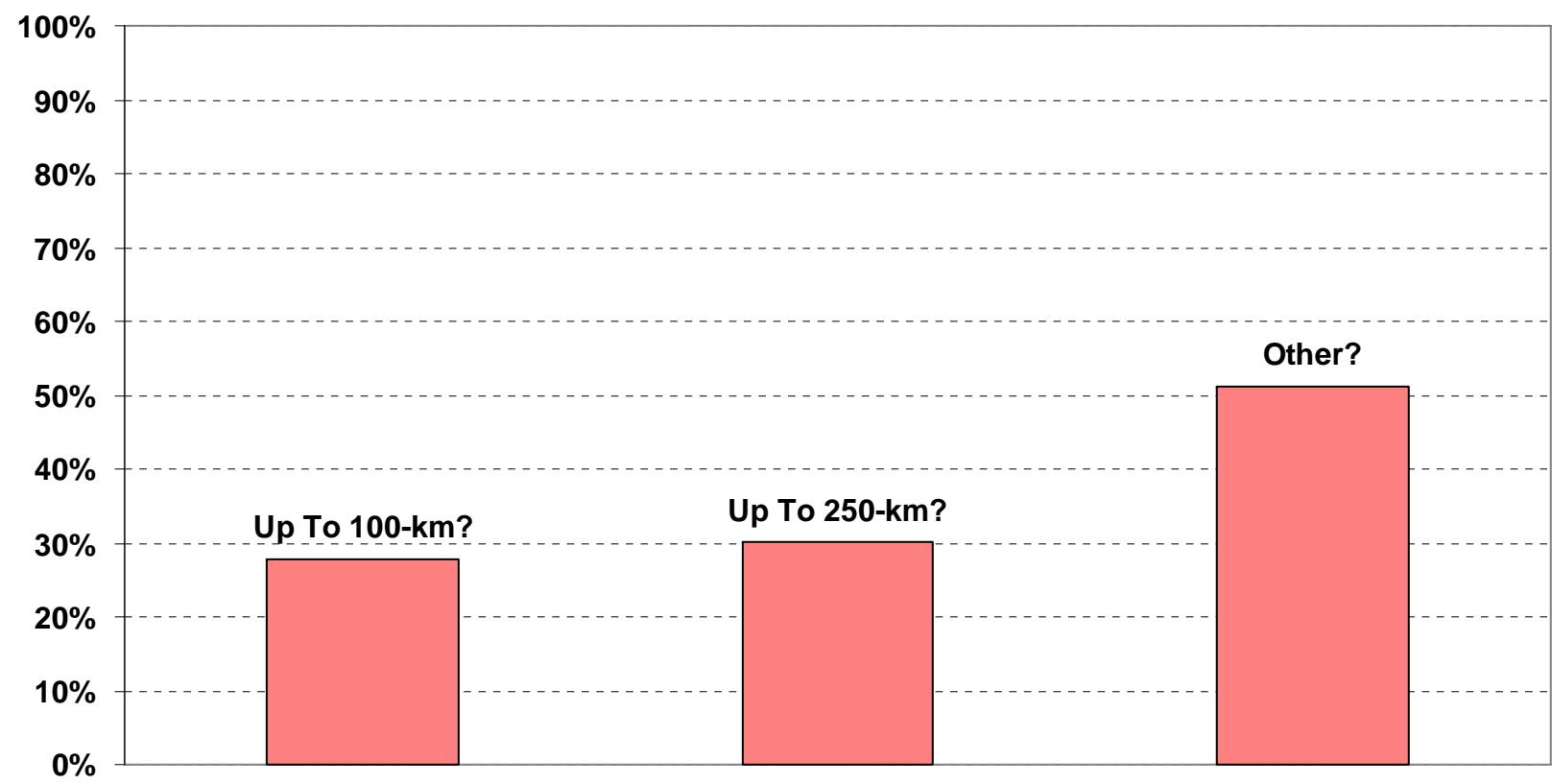
### Q7p. Does The State Routinely Place Receptors In The Cumulative Impact Analysis...



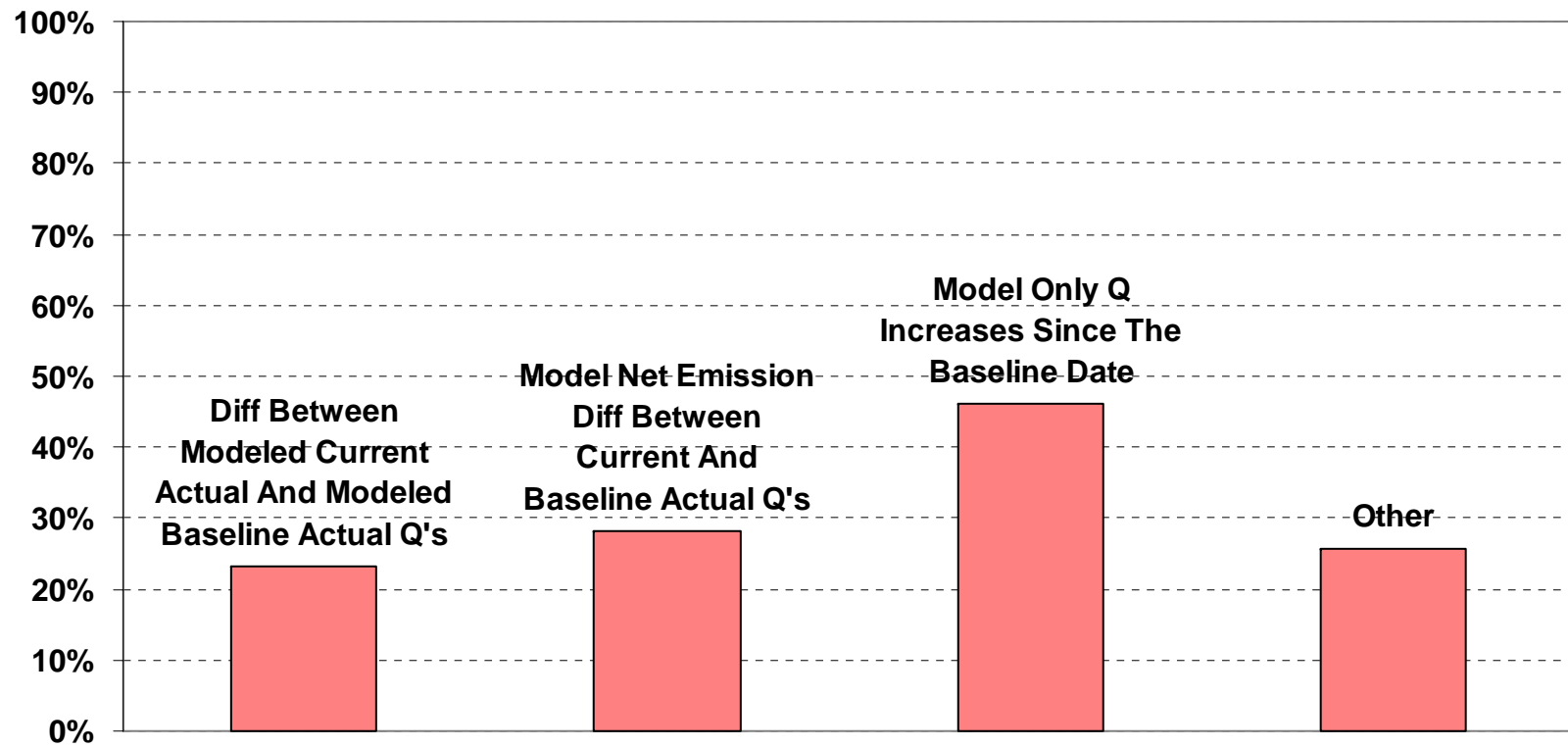
**Q8a. Does The State Routinely Notify The FLM Even When Class I Area Impacts Are Less Than The EPA Proposed Significant Impact Levels?**



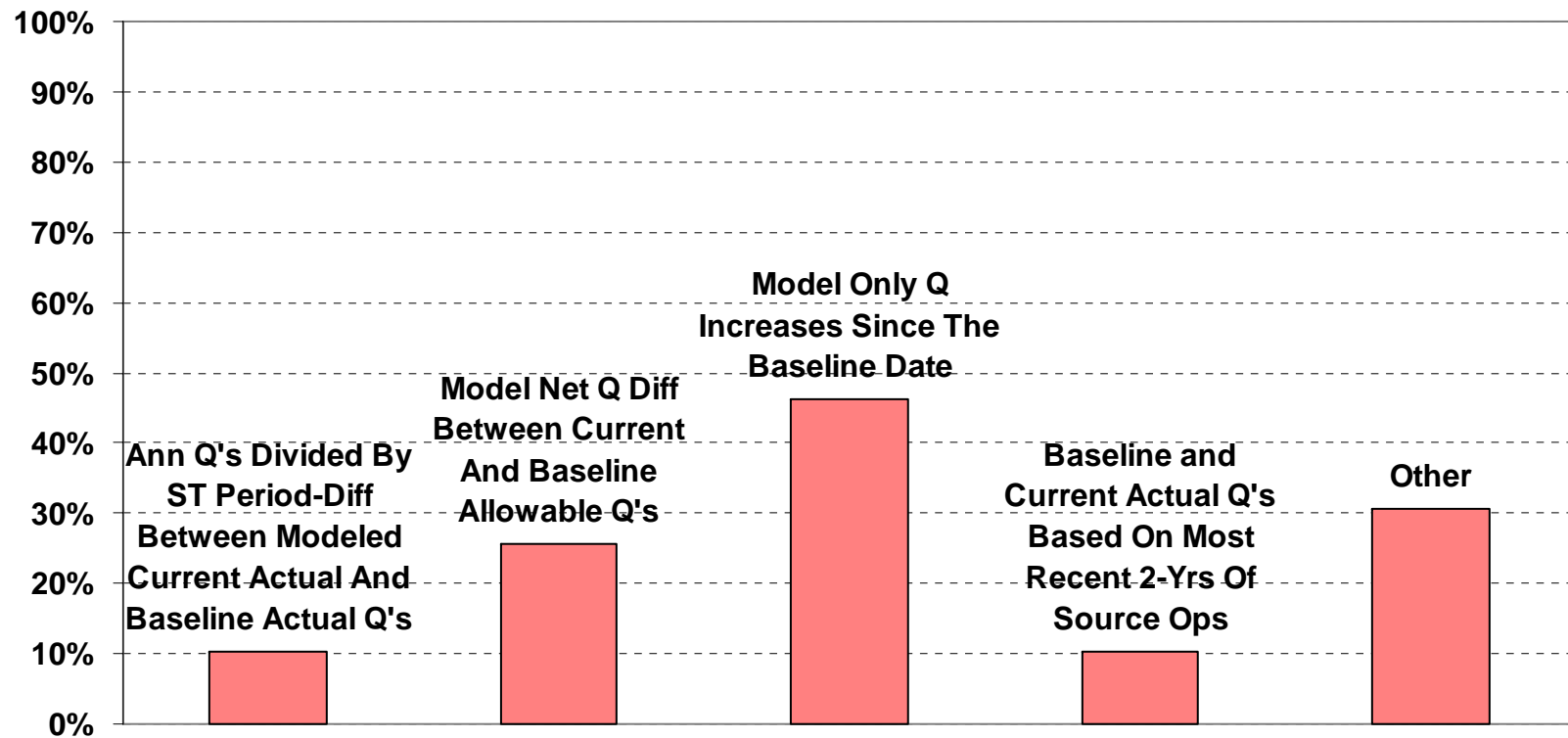
**Q8b. Within What Distance From The Class I Area Must A Source Be Located In Order To Notify The FLM...**



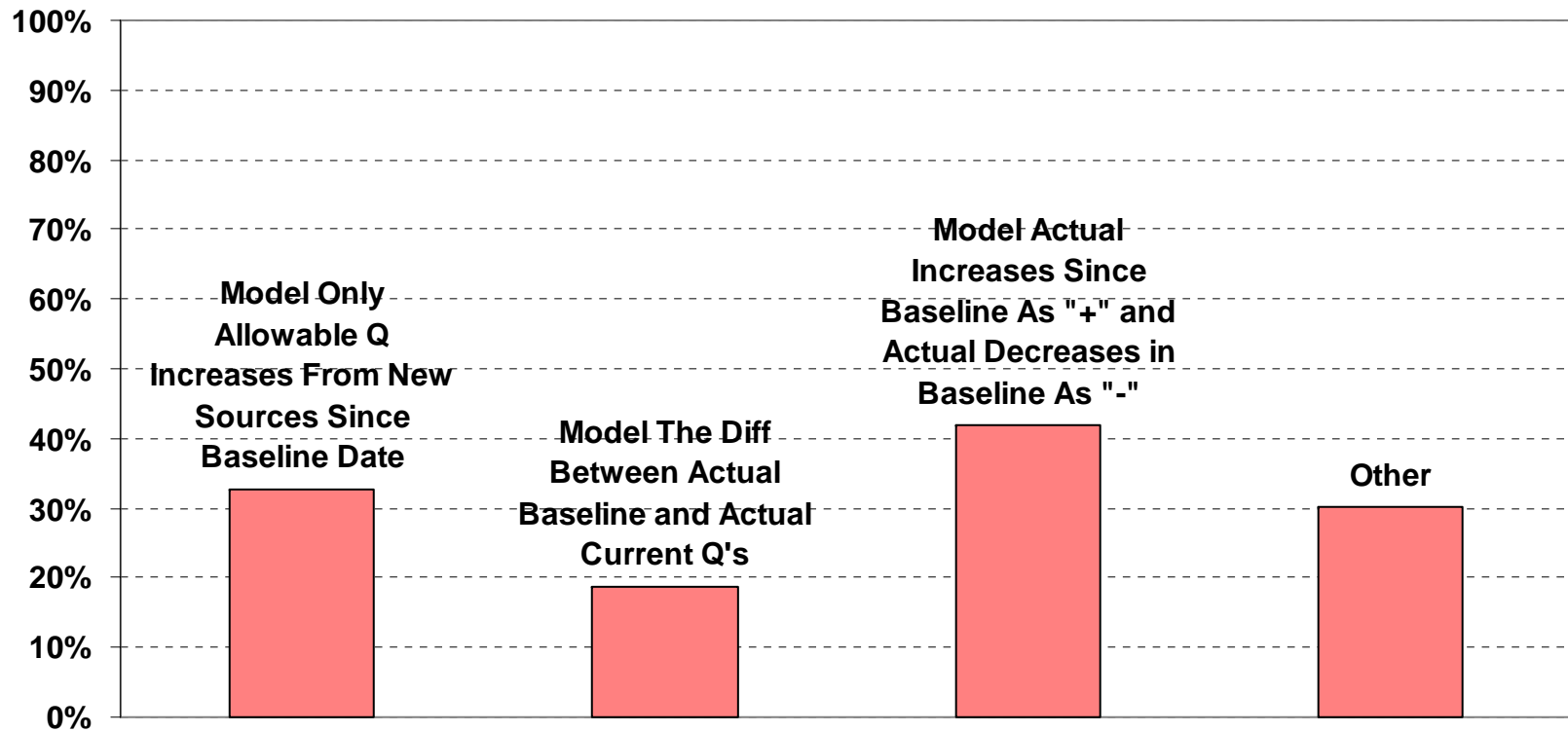
**Q9a. How Is PSD Increment Calculated For Sources Which Are Part Of The Baseline But Later Become Part Of The Increment (Annual Increment)?**



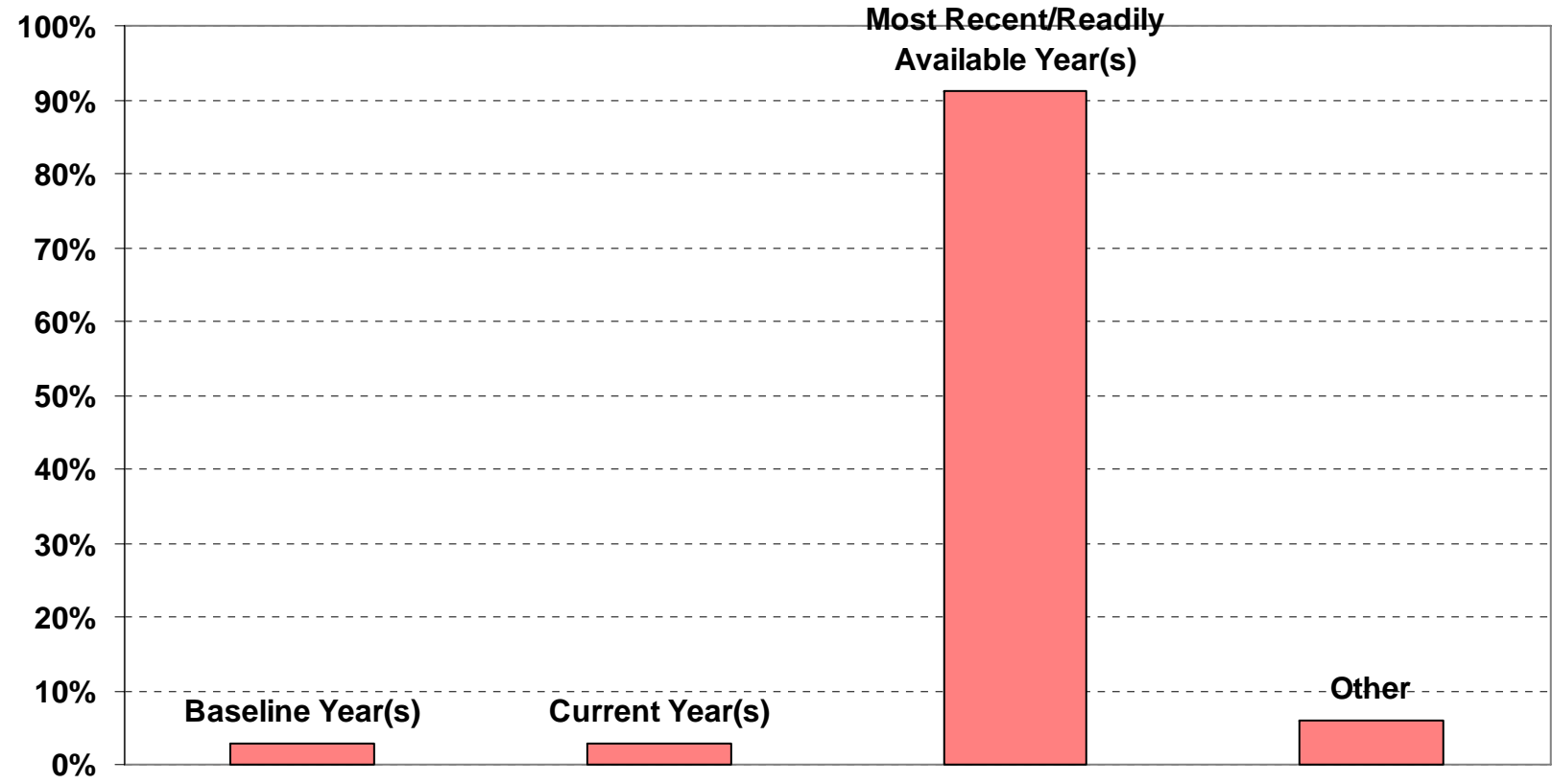
**Q9b. How Is PSD Increment Calculated For Sources Which Are Part Of The Baseline But Later Become Part Of The Increment (Short Term Increment)?**



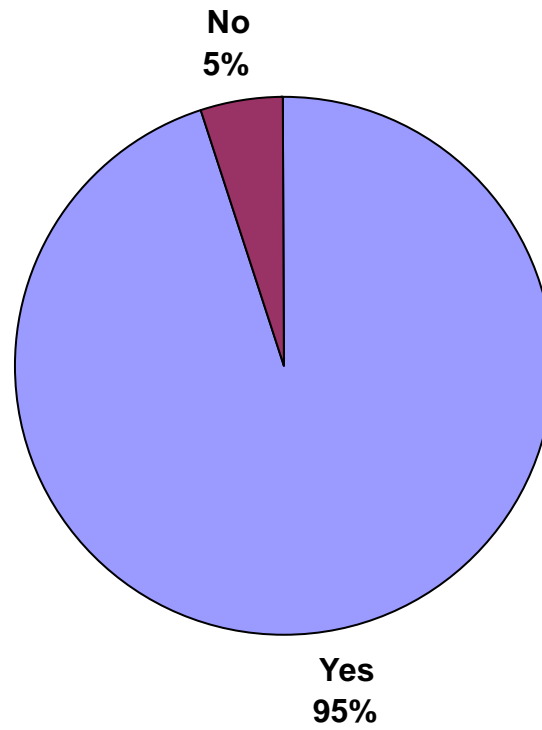
**Q9c. How Is PSD Increment Calculated For Sources Permitted After The Baseline Date (Other Than A New Source at Permitted Levels)?**



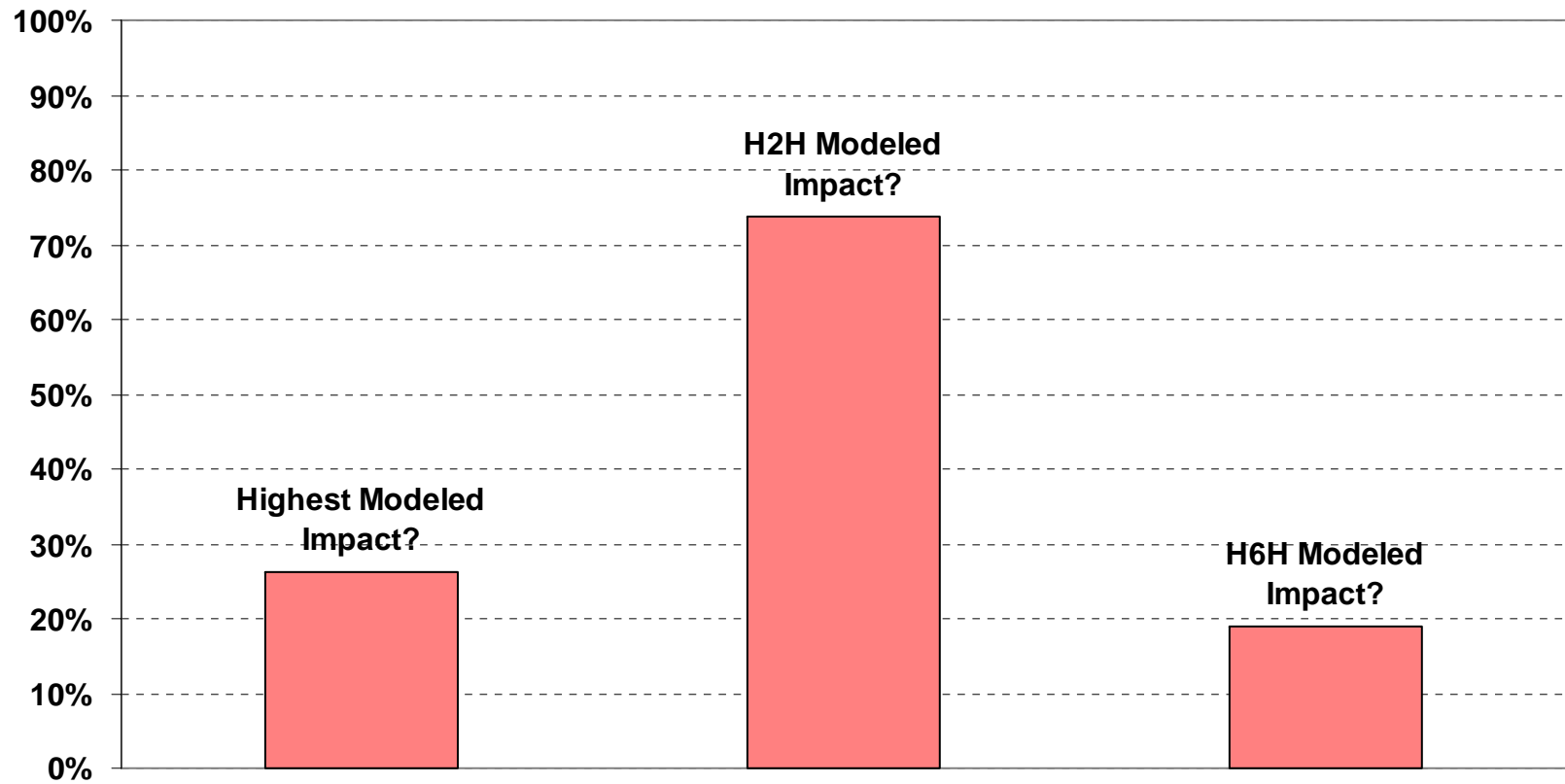
**Q10. If The State Models The Baseline Year Emissions, Which Year(s) Of Meteorology Do They Use For The Baseline?**



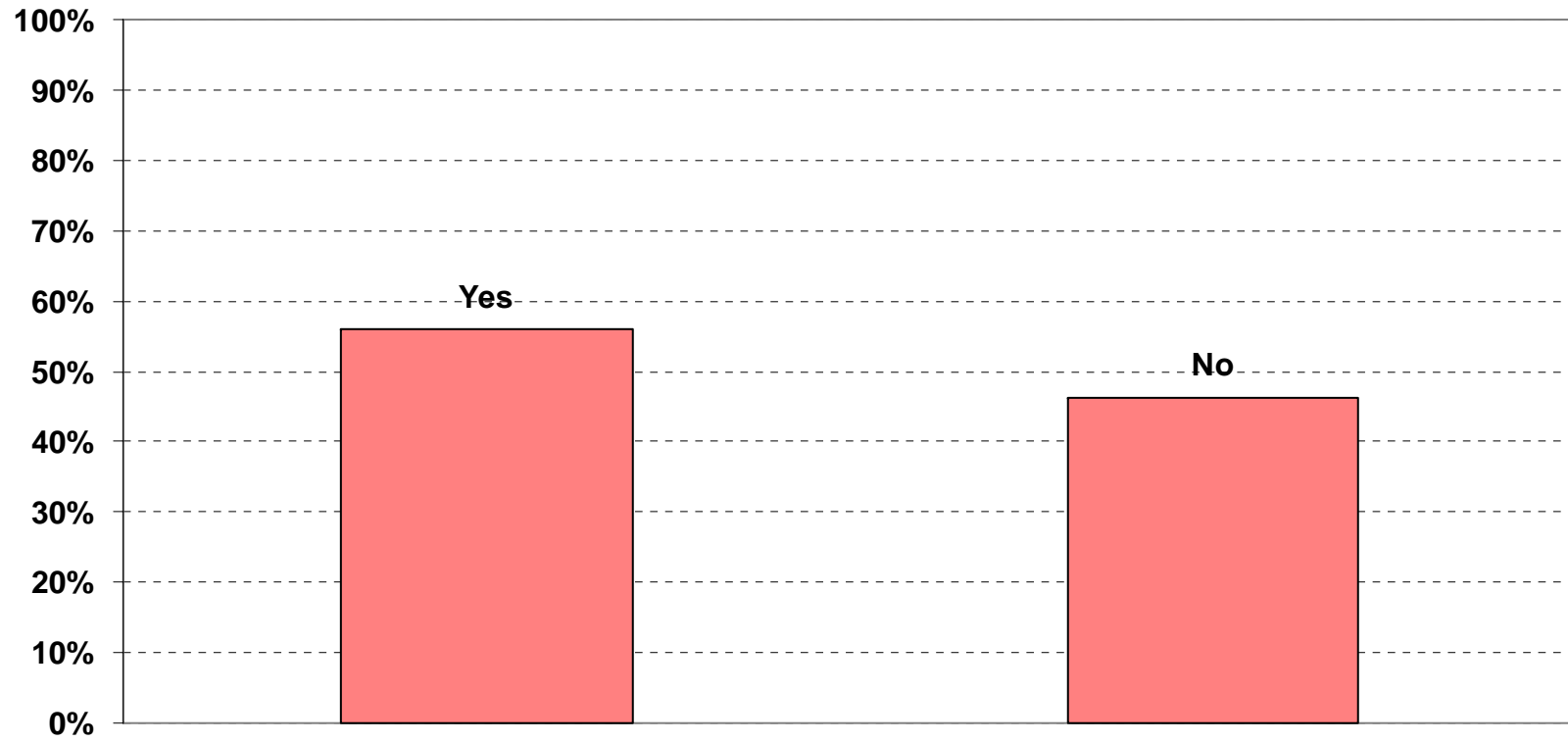
**Q11. Are The Modeled Receptors Paired In Time and Space?**



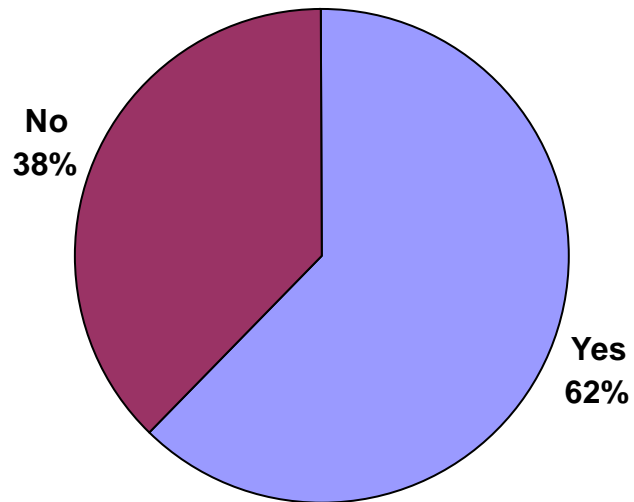
**Q12. Is Cumulative Impact Of The 24-Hour Average PM10 PSD Increment Based On The...**



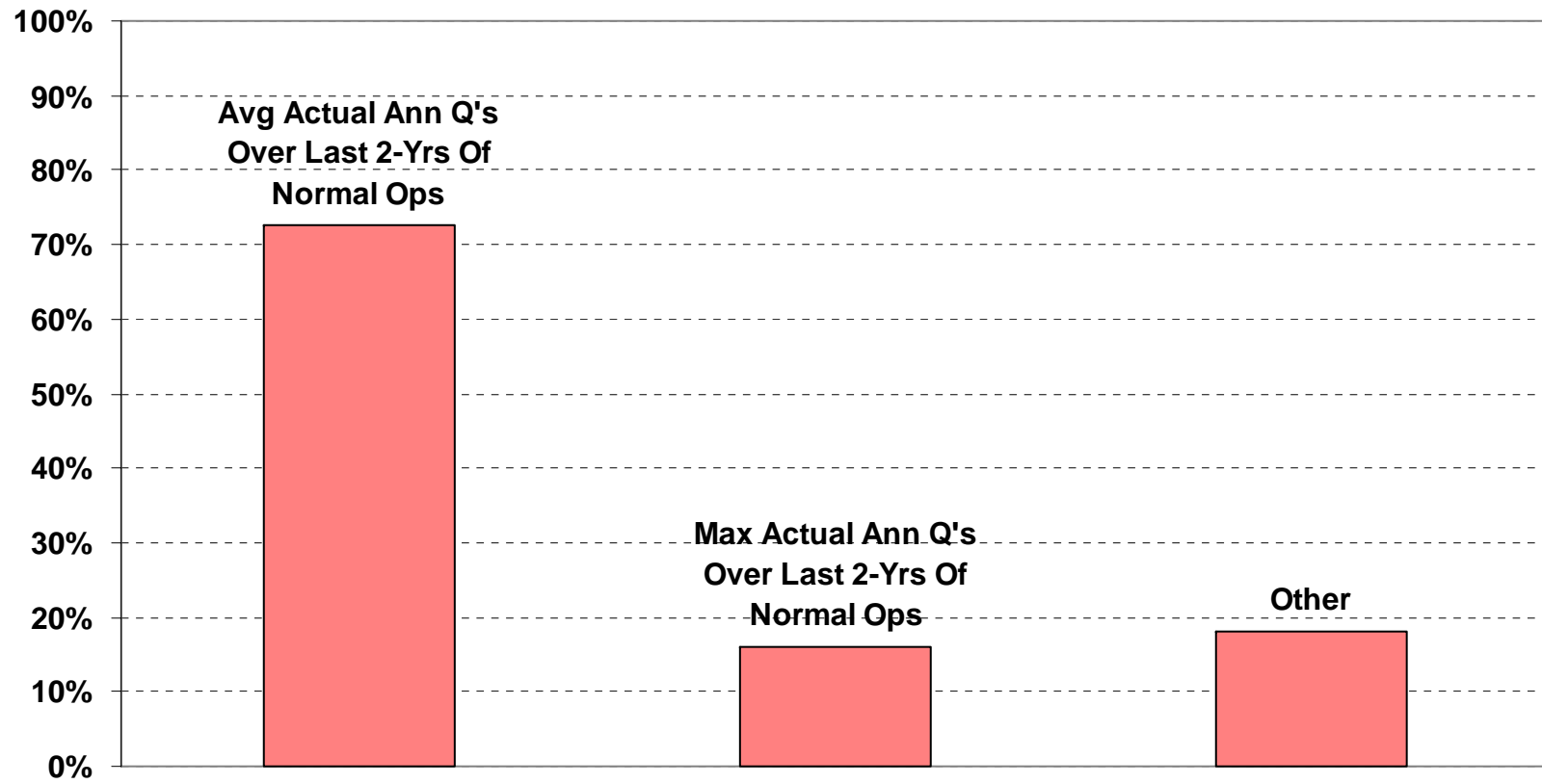
**Q13. Are The Physical Stack Parameters Modeled For The Proposed Source Incorporated Into Its Final Permit (E.G. Stack Height And Stack Diameter)?**



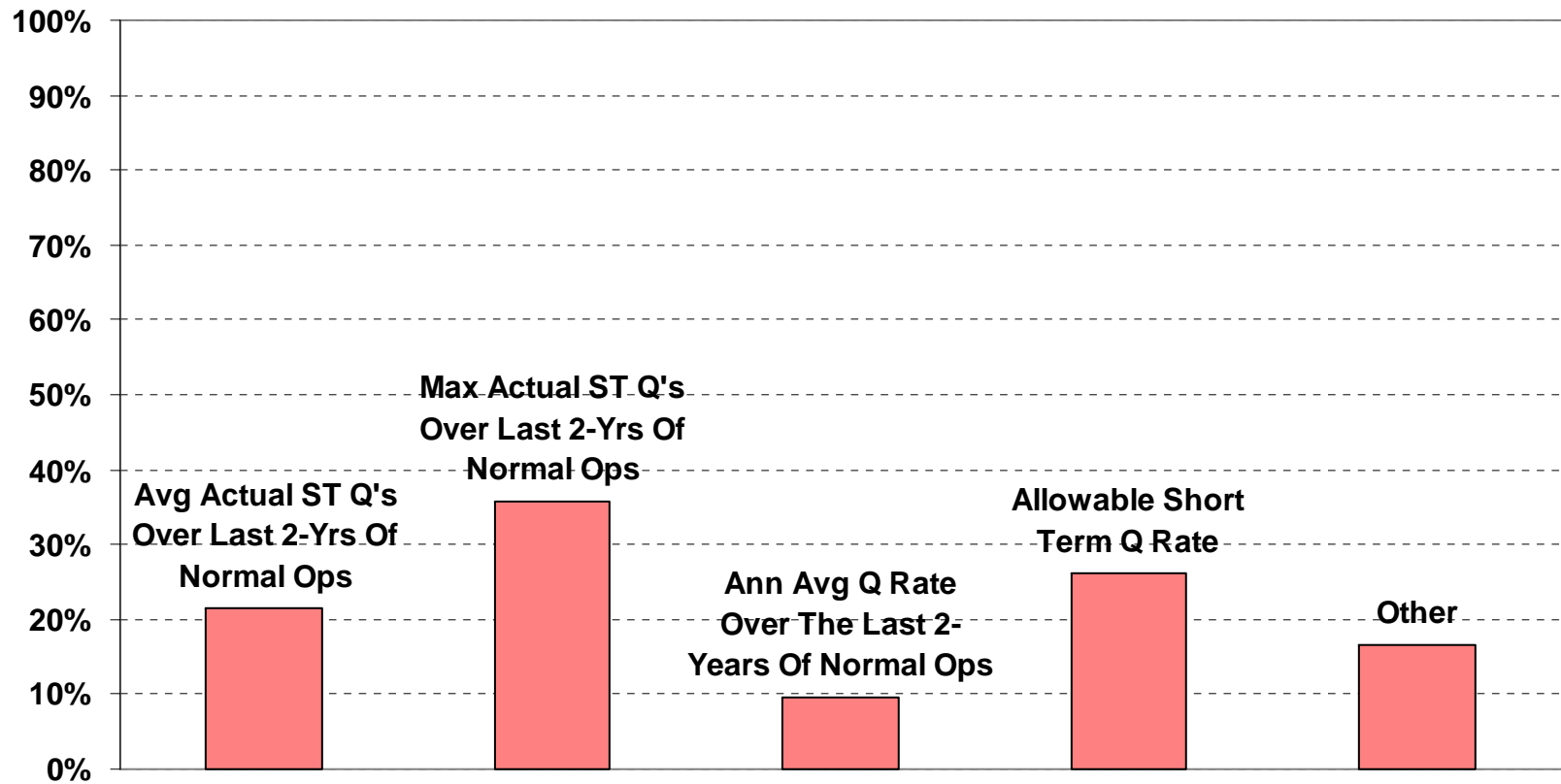
**Q14. Are There Areas In The State That Have Not Triggered A Minor Source Baseline Date For Any Pollutant?**



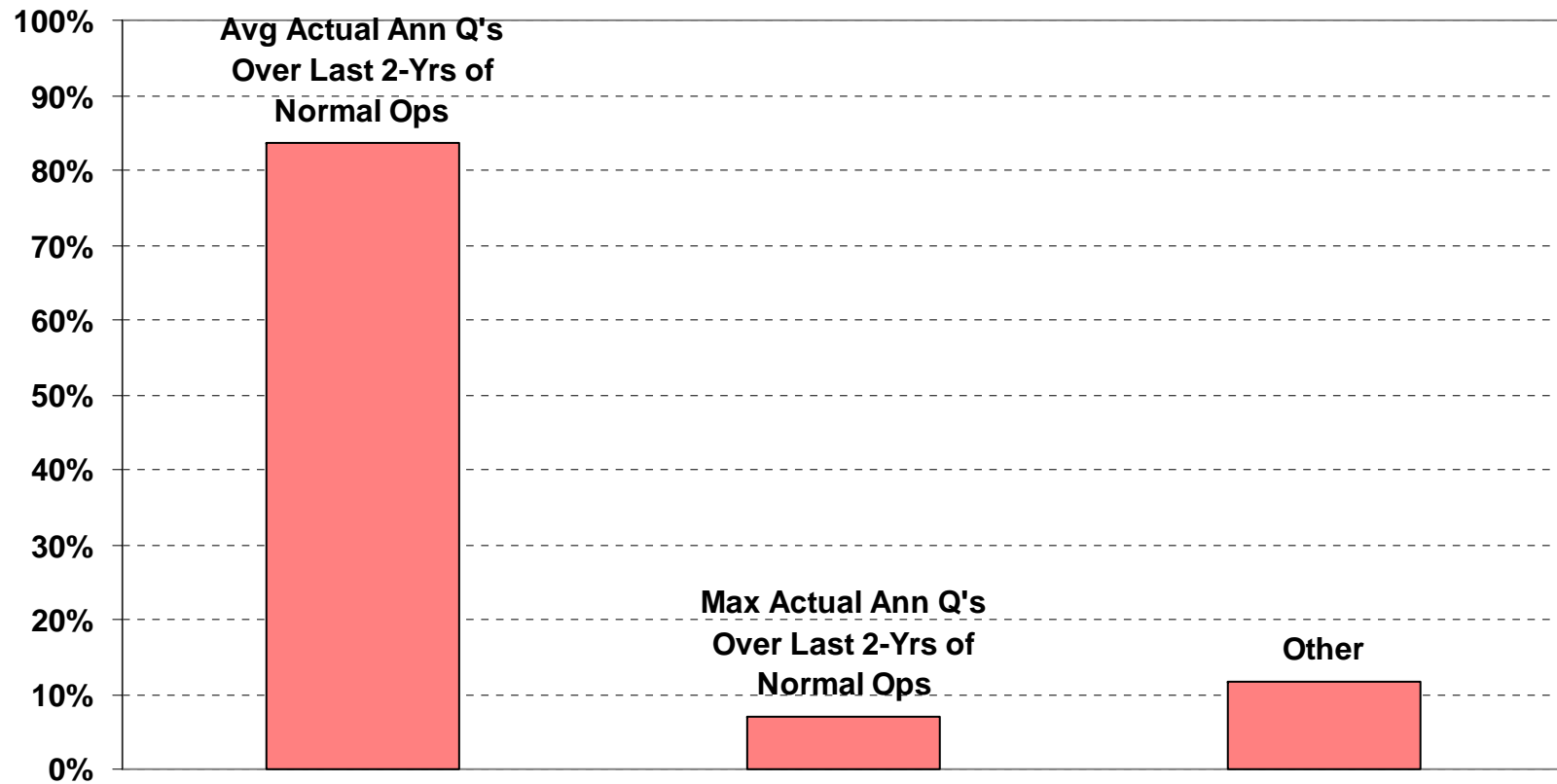
### Q15. How Does The State Quantify The Actual Annual Emission Increases?



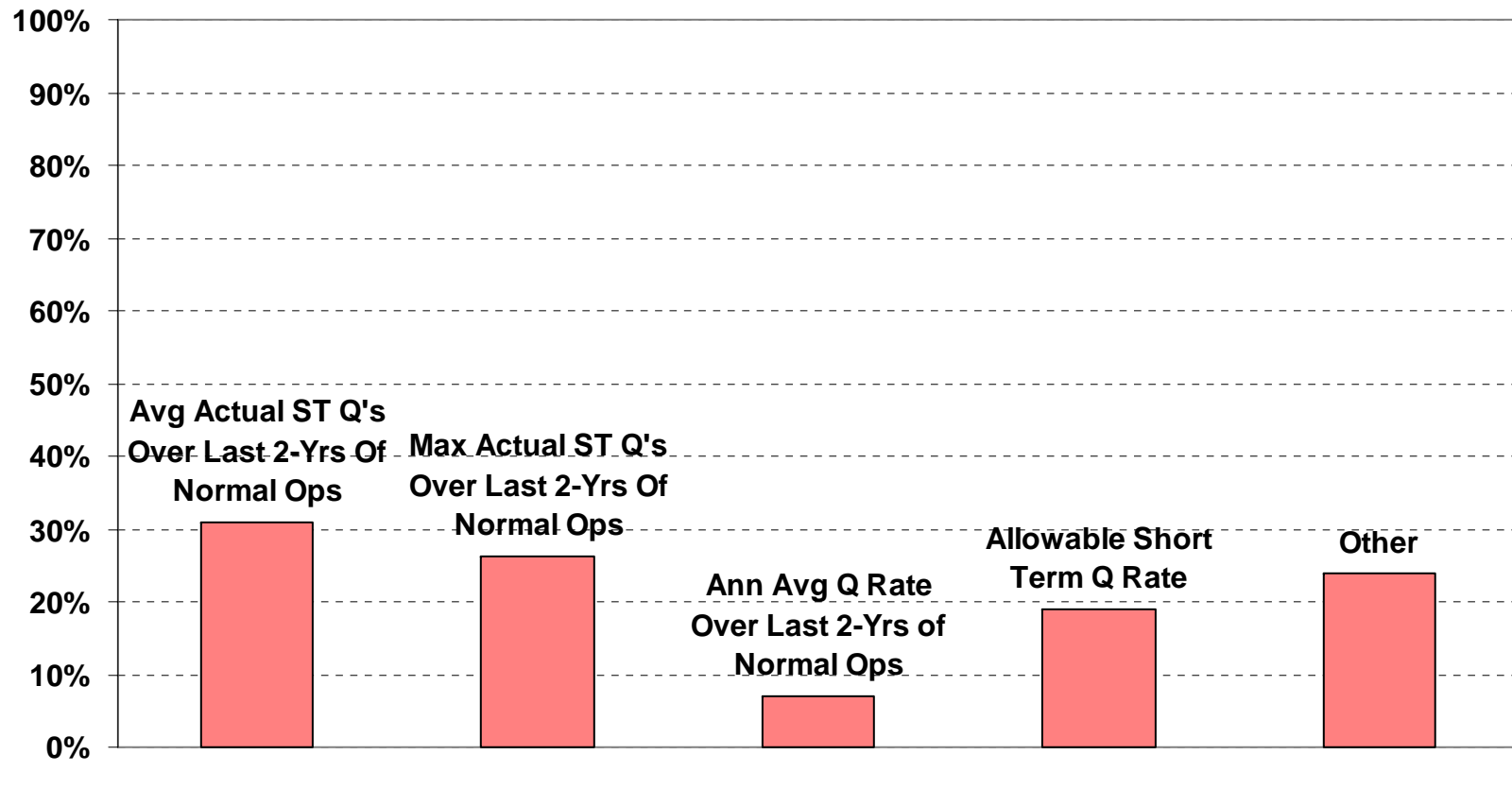
### Q16. How Does The State Quantify Short Term Actual Emission Increases From Existing Sources?



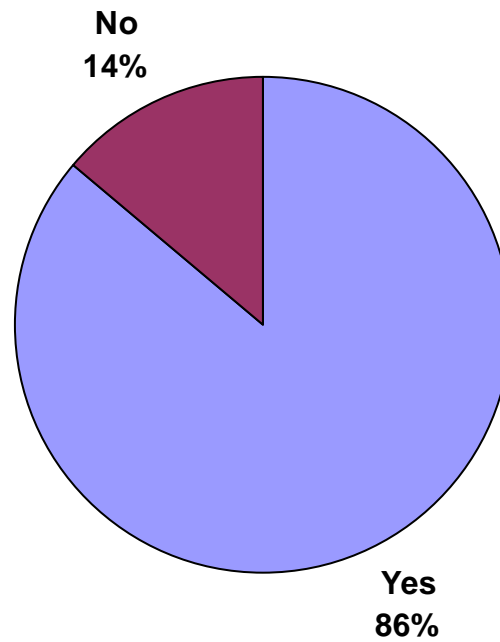
### Q17. How Does The State Quantify Actual Annual Emission Reductions?



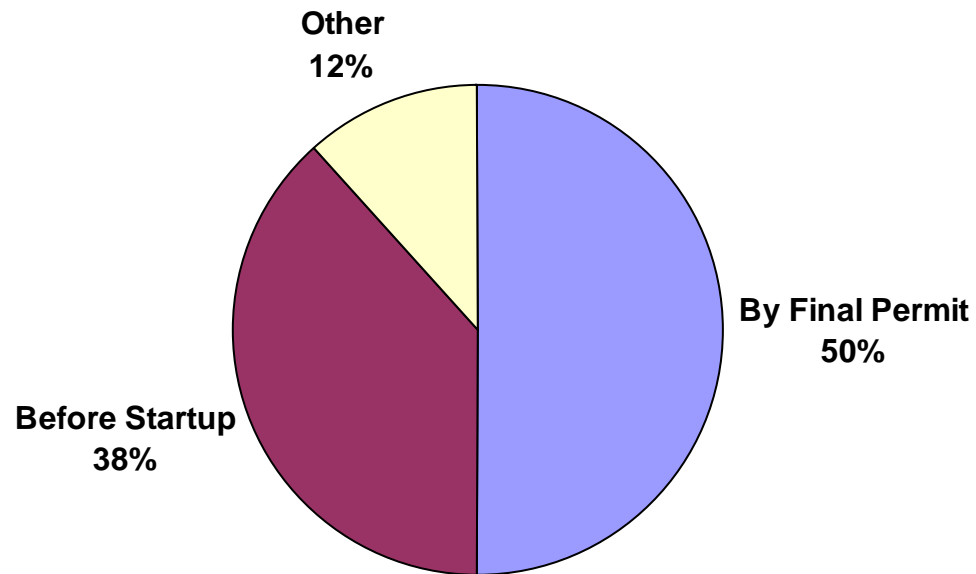
### Q18. How Does The State Quantify The Short Term Actual Emission Reductions?



**Q19. Does The State Require Emission Reduction Credits To Be Federally Enforceable?**



**Q19. If Yes, When In The Permitting Process Does It Need To Be Federally Enforceable?**



### Q20. How Is The PSD Permit Program Administered In This State?

