



Executive Officer's Report

a. Demonstration of the Board's New Website

Attachment 1

On June 22, 2016, the board launched its newly re-designed website. At this meeting board staff will provide a demonstration of the new website, including the location of key information and new website features. Board IT specialist and webmaster Victor Perez will do the presentation. Mr. Perez worked with Board Members Veale and Castellblanch on the new design.

Attachment 1 contains the subscriber alert that was sent when the new website launched and a screenshot of the new home page.

b. Report of the Board's Efforts to Assist Pharmacists in Meeting the CURES Registration Deadline and Possible Next Steps

Attachment 2

On July 1, California licensed prescribers and dispensers were required to have applied to the Department of Justice for access to CURES.

Over the prior 18 months, the board has reached out to advise board licensees of this requirement in various forums, including public speaking events, board and committee meetings, the board's newsletter and through subscriber alerts.

In addition, the board did specific mailings to California- licensed pharmacists:

- Postcards sent to all pharmacists: 2/8/16
 - Letters sent to pharmacists the board identified as potentially not registered in CURES: 5/25/16
 - 8,143 with California addresses
 - 5,985 with out-of-state addresses
 - 202 with out of country addresses
- Total: 14,330**

Of these, we later determined 2,113 were inactive licenses, so the total unregistered pharmacist count on June 1 was approximately: 12,217

Copies of this notices mailed are provided in **Attachment 2**.

Both mailings generated a number of calls, but the May letter resulted in a large number of calls to the board. By early July 2,017 calls have been received.

Board of Pharmacy staff and staff of the Department of Justice have been responding to these callers to assist them in getting registered.

Over time, the most frequent issues stated by callers when contacting the board are:

1. I need help with registration
2. I have an inactive license status, "Do I have to register?"
3. I cannot get through to the DOJ

The Department of Justice notes that as of May 31, 2016 (the last date it provided statistics), it had received 7,080 calls and emails asking for assistance.

Other statistics: according to June 22 statistics from the Department of Justice:

- There are 35,702 dispensers registered in CURES (both 1.0 and 2.0)
- There are 25,275 dispensers registered in CURES 2.0
- CURES reports run on patients 5/15/16 - 6/15/16: 683,371
Prescribers have run 268,306 of these reports
Dispensers have run 414,258 of these reports

In the coming months, once the backlog of calls and emails have been resolved, the board will seek a final count of the number of pharmacists who are registered in CURES.

New pharmacists are being advised of their requirement to apply for registration in CURES at the time they are notified that they are ready for pharmacist licensure.

c. Discussion and Consideration of a Cooperating with Other Public Agencies in Issuing a CURES Survey

Attachment 3

The Board of Pharmacy and Medical Board of California have been approached by researchers at the University of California, Davis, in partnership with the California Department of Public Health, to assist them in contacting licensees to participate in a survey regarding the CURES program.

The surveyors want to contact all pharmacists and physicians who renew their professional licenses in November and ask them to participate in a voluntary survey available through a link on our respective boards' websites. The request and link to the survey would be included in the boards' renewal notices.

The Medical Board has agreed to assist with contacting their licensees for this survey.

I am seeking the board's authorization for our board's assistance in contacting pharmacists for the survey.

Attachment 3 contains the survey solicitation letter and the proposed questions for the survey.

d. Review of the NABP's .PHARMACY Program Including its July 7, 2016, Executive Board Meeting

The internet offers a diversity of options for consumers to purchase prescriptions drugs and other items online. While convenient for the public, the board for years has received complaints about the spam email solicitations for medications, and problems from consumers who have purchased medications online. Often there is little the board can do as these entities are frequently off-shore and outside California where the board has no jurisdiction. In such cases, the board, with the permission of the complainant, advises both the National Association of Boards of Pharmacy and the FDA of the problems reported to us.

For several years, the National Association of Boards of Pharmacy has been working to establish a program, which it administers, that issues “.pharmacy” (stated as “dot pharmacy”) domain names. Any website offering services using .pharmacy would be allowed to do so only if they have been registered with NABP and meet the requirements for registration. This is similar to website domains being established for .bank and .realtor in other professions.

According to the National Association of Boards of Pharmacy:

Today, the vast majority of websites selling prescription drugs online are doing so illegally — many of them selling unapproved, substandard, and counterfeit medicine. NABP has reviewed nearly 11,000 Internet drug outlets selling prescription medications and found 96% to be out of compliance with United States pharmacy laws and practice standards that protect the public health. Of these websites identified as Not Recommended, nearly half offer foreign or non-Food and Drug Administration-approved drugs, and many distribute dangerous counterfeits to unsuspecting consumers.

To secure a .pharmacy suffix, an entity must agree to comply with various requirements, including being licensed in all appropriate jurisdictions, selling medication allowed in the jurisdiction and pursuant to local requirements (e.g., have a written prescription in hand).

During the formation of this program, the board's executive officer was added to the work group. She later was added to the executive board of .pharmacy, where she still serves.

The NABP is now focusing on increasing recognition of the .pharmacy suffix and moving to add legitimate entities to its membership worldwide. National regulators have begun to take notice of the program.

Our board has a .pharmacy presence as well, which if accessed at www.caboard.pharmacy will direct the individual to the board's website (www.pharmacy.ca.gov).

Currently, there are more than 230 entities with domain name registrations, which include 12,000 pharmacies, and 26 US boards of pharmacy.

e. **Review of Demographic Data Available Describing California Licensed Pharmacists**

Attachment 4

The board's staff recently ran a demographic report that reflects the composition of California licensed pharmacist population. This data has been compiled into several charts and is provided in **Attachment 4**.

Attachment 1



BE AWARE AND TAKE CARE:
Talk to your pharmacist!
CALIFORNIA STATE BOARD OF PHARMACY



Consumers

Applicants

Licenses

About Us



Welcome to the California State Board of Pharmacy

The Board of Pharmacy protects and promotes the health and safety of Californians by pursuing the highest quality of pharmacist's care and the appropriate use of pharmaceuticals through education, communication, licensing, legislation, regulation, and enforcement.

What's New

- [Alert: Licenses that Expire June 30 or July 1, 2016](#)
- [Self-Administered Hormonal Contraception Protocol Information](#)
- [DEA National Prescription Drug Take-Back Day](#)
- [CDC Approves Final Opioid Guidelines](#)
- [Nicotine Replacement Therapy Protocol Information](#)



License Search

Popular Pages

- [Verify a License](#)
- [Law Book](#)
- [Board & Committee Meetings](#)
- [Publications & Reports](#)
- [Pharmacy Law Changes for 2016](#)

Quick Hits

-----Original Message-----

From: Board of Pharmacy [<mailto:pharmacy.subscriberlist@DCA.CA.GOV>]

Sent: Wednesday, June 22, 2016 9:18 AM

To: PHARM-GENERAL@DCALISTS.CA.GOV

Cc: Pharmacy_Subscriberlist@DCA

Subject: California State Board of Pharmacy Subscriber Alert

The Board of Pharmacy is updating its website. On June 22, 2016 the website will become unavailable at 9:30 am. We anticipate a short downtime while the transition to the newly designed website takes place. If you are unable to access the board's website, please check back periodically. We apologize for any inconvenience this may cause.

Attachment 2



BE AWARE AND TAKE CARE:
Talk to your pharmacist!
CALIFORNIA STATE BOARD OF PHARMACY

Dear California-Licensed Pharmacist,

Effective July 1, 2016, California law requires that all individuals holding active pharmacist licenses in California must establish and maintain registration to access California's prescription drug monitoring program, CURES. This notice is being sent to remind you of this obligation. There is no charge for you to register with CURES.

The California Department of Justice operates CURES. Registration and other information about CURES can be obtained from: <https://pmp.doj.ca.gov/pmpreg>

Their Help Desk telephone line is (916) 227-3843

The California State Board of Pharmacy urges you to complete this registration process soon, and in advance of the July 1, 2016 deadline.

Thank you.



BE AWARE & TAKE CARE: Talk to your pharmacist!

California State Board of Pharmacy

1625 North Market Blvd., N219

Sacramento, CA 95834

www.pharmacy.ca.gov (916) 574-7900

California State Board of Pharmacy

1625 N. Market Blvd, N219, Sacramento, CA 95834

Phone: (916) 574-7900

Fax: (916) 574-8618

www.pharmacy.ca.gov

BUSINESS, CONSUMER SERVICES AND HOUSING AGENCY

DEPARTMENT OF CONSUMER AFFAIRS

GOVERNOR EDMUND G. BROWN JR.

May 2016

Important Notice

Dear California Pharmacist:

The board is sending this letter to you to ensure you have taken action required by California law. Please read the information below; based on information we reviewed May 10, 2016, we do not believe you are currently compliant.

The requirement:

By July 1, 2016, all pharmacists licensed by the California State Board of Pharmacy with active licenses must have applied to become registered to access California's prescription drug monitoring program, the Controlled Substance Utilization Review and Evaluation system (CURES). CURES tracks Schedule II, III and IV controlled substances dispensed by California pharmacies. (See California Health and Safety Code sections 11165, 11165.1)

According to records from the California Department of Justice, as of May 2016 you are not registered to access CURES.

To apply for registration to access CURES, go to:

<https://cures.doj.ca.gov/registration/confirmEmailPnDRegistration.xhtml>

If you have questions or would like to view training videos, go to:

<http://oag.ca.gov/cures/publications>

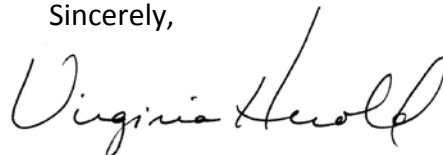
If you believe you are registered and took action before May 2016 to become registered, please contact Lisa Henry at the Board of Pharmacy at 916- 574-7977. Alternatively, you may wish to simply re-register using the link provided above.

Finally, please be aware that to keep abreast of new laws, regulations and board information, you may join the board's email alert system through this link:

<https://www.dca.ca.gov/webapps/pharmacy/subscribe.php>

Thank you for your attention to this matter.

Sincerely,



VIRGINIA HEROLD

Executive Officer

From: Pharmacy_Subscriberlist@DCA
To: PHARM-GENERAL@DCALISTS.CA.GOV
Cc: Pharmacy_Subscriberlist@DCA
Subject: California State Board of Pharmacy Subscriber Alert
Date: Wednesday, April 06, 2016 10:42:52 AM

The Department of Justice recently released a CURES 2.0 registration tip sheet to help individuals register or access the system. Pharmacists would be included under "All Applicants" on page 2.

As a reminder, all pharmacists with active California licenses need to be registered to access CURES by July 1, 2016.

The tip sheet can be accessed at:
http://www.pharmacy.ca.gov/licensing/cures_tips.pdf

Information about CURES registration can also be obtained from:
<http://www.pharmacy.ca.gov/licensing/cures.shtml>

From: Pharmacy_Subscriberlist@DCA
To: PHARM-GENERAL@DCALISTS.CA.GOV
Cc: Pharmacy_Subscriberlist@DCA
Subject: Attorney General Kamala D. Harris Issues Reminder of Registration Deadline for Revamped Comprehensive Prescription Drug Monitoring Program, CURES 2.0
Date: Wednesday, June 29, 2016 11:26:37 AM

Attorney General Kamala D. Harris today issued a reminder to healthcare professionals about the upcoming deadline to register for the Controlled Substance Utilization Review and Evaluation System (CURES) database. All health practitioners licensed to prescribe or dispense scheduled medications are required by law to sign up for CURES by July 1, 2016.

In 2013, Attorney General Harris sponsored Senate Bill 809, authored by then-State Senator Mark DeSaulnier (D- Concord), which created and permanently funded a new state-of-the-art prescription drug database referred to as "CURES 2.0." The legislation – supported by a broad coalition of health, safety, and consumer advocates – included a requirement that all healthcare practitioners authorized to prescribe or dispense controlled substances must apply for CURES access by January 1, 2016. This deadline was subsequently extended to July 1, 2016.

"CURES 2.0 is not only a state-of-the-art, innovative, and secure database to improve healthcare providers' ability to combat prescription drug abuse, it's also a model for the nation on how to address this epidemic," said Attorney General Harris. "California will continue to lead the country in the adoption of technology to help curb prescription drug abuse and the diversion of controlled substances statewide."

The fully upgraded CURES 2.0 database was launched in January 2016 through a joint partnership between the California Departments of Justice and Consumer Affairs. CURES enables healthcare providers to review their patients' medication histories before prescribing new controlled substances. In addition to providing users with faster and more reliable access to patient activity reports, the upgraded 2.0 system features cutting-edge analytics for flagging at-risk patients, allowing medical professionals to prescribe wisely and helping to prevent abuse or diversion of controlled medications such as opioids.

In December 2015, Attorney General Harris also announced a new streamlined registration process beginning in January 2016, which allows healthcare professionals to apply for CURES access and verify their credentials entirely online using secure web browsers. Prior to the launch, Attorney General Harris sent a letter to members of the medical community urging them to only use secure software to access confidential and sensitive patient information.

To sign up for CURES, new applicants should visit oag.ca.gov/cures and click the link to register. New registrants will need their license type and number to register. Previously registered users of the CURES 1.0 system are not required to re-register.

A registration "tips and tricks" document in multiple languages is attached to the online version of this release at www.oag.ca.gov/news. In addition, the state's 2016-17 budget included new funding for user-end outreach and support positions within the California Department of Justice to help CURES applicants and users navigate the system.

You may view the full account of this posting, including possible attachments, in the News & Alerts section of our website at: <http://oag.ca.gov/news/press-releases/attorney-general-kamala-d-harris-issues-reminder-registration-deadline-revamped>

Attachment 3

Dear Colleague,

The University of California, Davis (UCD) in partnership with the California Department of Public Health, and with the assistance of the California State Board of Pharmacy, is seeking information regarding California's Controlled Substances Utilization Review and Evaluation System (CURES) and controlled substance prescribing in California.

We are conducting a formal scientific survey, and you have been selected to participate as part of a statistically representative sample of pharmacists licensed to practice in California. Your responses to the survey questions will be very important as we learn about the use of controlled substances in California. We will use that new knowledge to help guide efforts to improve patient care and safety.

Participation is easy and will take only a few minutes. To begin the survey:

Type this link into your browser:

OR

Scan with your mobile device:

<http://www.pharmacy.ca.gov/curessurvey/>



You can also find a direct link to the survey on the Board of Pharmacy website.

Type in your license number to start the survey. We are requesting your license number only so that we do not send reminders to you after you have already completed the survey.

Your participation in this survey is completely voluntary. The information you supply will be analyzed only by the research team at UCD, and the findings will be presented only in aggregate. No personal or identifying information will be shared with payers or other parties, and your responses will not be shared with the California State Board of Pharmacy. This project has been approved by the Institutional Review Board at UCD.

Thank you very much for your participation.

Sincerely,

A handwritten signature in blue ink, appearing to read "S. G. Henry".

Stephen G. Henry, MD
Department of Internal Medicine
University of California, Davis
916.734.2177

A handwritten signature in blue ink, appearing to read "Virginia Herold".

Virginia Herold
Executive Officer
California Board of Pharmacy
916.574.7900

CURES pharmacist draft 1

Q6 Dear Pharmacist, Thank you for agreeing to participate in this survey about California's Controlled Substance Utilization and Review System (CURES). An important goal of this survey is to collect information that will help guide efforts to improve CURES so that it is more useful to pharmacists in California. This survey is being conducted by the University of California Davis and the California Department of Public Health in collaboration with the California State Board of Pharmacy. Your participation is voluntary. Your individual responses will be analyzed only by the research team at University of California Davis and will not be reported to the State Board of Pharmacy or to any other agency. This survey has been approved by the Institutional Review Board at the University of California Davis. If you have any questions about this survey, you can contact the project leader, Dr. Stephen Henry, at 916-734-2177.

Q52 How concerned are you about prescription drug abuse among:

	Not concerned at all (0)	Slightly concerned (1)	Moderately concerned (2)	Extremely concerned (3)
Patients in California (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patients in the community where you practice (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q8 Now we would like you to think about the last 3 months.

Q9 On average, how many days a week do you dispense or manage medications?

Q10 On average, how many prescriptions do you dispense or manage per day?

Q11 On average, how many controlled substance prescriptions do you dispense or manage per day?

Q5 Now we'd like to ask you some questions about California's Controlled Substance Utilization Review and Evaluation System (CURES). CURES is California's online, computer-based system for monitoring the dispensing of all Schedule II, III and IV controlled substances dispensed in California. Have you heard of CURES?

- Yes (1)
- No (0)

Q7 Are you registered for CURES?

- Yes (1)
- No (2)
- Registration is in process (3)
- Don't know (4)

Q12 Are you aware that registering for CURES is mandatory for pharmacists?

- Yes (1)
- No (0)

Q13 How likely are you to register for CURES within the following month?

- Extremely unlikely (1)
- Unlikely (2)
- Likely (3)
- Extremely likely (4)

Q14 Please indicate the extent to which you agree with the following:

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
I have other problems that are more important than registering for CURES. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know how to go about registering for CURES. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Every time I try to register for CURES, something goes wrong. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Registering for CURES takes little time. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I don't have access to a computer or the internet where I practice. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If Are you registered for CURES? Yes Is Selected

Q34 How long have you been using CURES?

- Less than 3 months (1)
- 4 to 6 months (2)
- 7 months to 1 year (3)
- More than 1 year (4)

Q17 How likely are you to use CURES at least once in the next 3 months?

- Extremely unlikely (1)
- Unlikely (2)
- Likely (3)
- Extremely likely (4)

Q15 How difficult are the following in CURES?

	Very difficult (5)	Difficult (4)	Average (3)	Easy (2)	Very easy (1)
Registering for CURES (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Logging in to CURES (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resetting your password (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Remembering security questions (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If Are you registered for CURES? Yes Is Selected

Q16 Now we would like you to think about the last 3 months. On a typical day when you dispense or manage medications, how many times do you use CURES to look up a patient's controlled substance medication history?

- Never (1)
- Less than once a day (5)
- 1-5 times a day (2)
- 6-9 times a day (3)
- 10+ times a day (4)

Q18 Please indicate the extent to which you agree with the following:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly Agree (5)
CURES is helpful (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CURES is not relevant to my practice (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CURES is easy to use (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I don't know how to use CURES (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CURES is checked by someone else in the office (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have limited or no access to CURES while I practice (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If On a typical day when you dispense or manage medications, how many times do you use CURES to look... Never Is Not Selected And Are you registered for CURES? Yes Is Selected

Q19 What are your reasons for checking CURES? [Check all that apply]

- To check on patients prior to dispensing or managing a controlled substance. (1)
- To look for evidence of "drug seeking." (5)
- To monitor patients on controlled substances. (2)
- To improve my communication with patients regarding controlled substances. (7)
- Other (6) _____

Answer If Are you registered for CURES? Yes Is Selected

Q28 How useful to you is CURES for the following

	Very Useful (4)	Useful (3)	A little useful (2)	Not useful at all (1)
Helping manage patients with pain (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Helping build trust with patients (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informing decisions to dispense or manage controlled substances (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identifying patients filling prescriptions from multiple doctors and/or pharmacies (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identifying patients who misuse or abuse controlled prescription drugs (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q27 Are you aware of the following new features in CURES?

	Never heard of it (0)	Heard of it, but never use it (1)	Used it at least once (2)
Sending secure peer-to-peer messages about specific patients (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Giving delegates the ability to access CURES on your behalf (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automatic alerts for high-risk patients (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If Are you registered for CURES? Yes Is Selected

Q31 Did you use the previous version of CURES in your practice?

- Yes (1)
- No (0)

Answer If Did you use the previous version of CURES in your practice? Yes Is Selected
And Are you registered for CURES? Yes Is Selected

Q32 Compared to the old website, how would you rate the new CURES website on the following characteristics?

	Much worse (-2)	Somewhat worse (-1)	About the same (0)	Somewhat better (1)	Much better (2)
Overall ease of use (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Login process (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Patient Activity Reports (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Help Desk support (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q29 Do you feel that you need additional training or education about CURES?

- Yes (1)
- No (0)
- Don't know (2)

Answer If Do you feel that you need additional training or education about CURES? Yes Is Selected Or Do you feel that you need additional training or education about CURES? Don't know Is Selected

Q30 What would you like additional training on? [Check all that apply]

- Registering for CURES (1)
- CURES passwords and security questions (2)
- Running patient activity reports (3)
- Identifying and using CURES delegates from my account (4)
- Sending secure messages (5)
- How automatic reports are generated (6)
- Other topics (8) _____

Q33 Now we would like to ask you some general questions about monitoring patient's controlled substance medications using systems such as CURES.

Q51 Should pharmacists check CURES prior to dispensing or managing a controlled substance?

- Yes (1)
- No (0)
- Don't know (2)

Q52 Should pharmacists be required to check CURES prior to dispensing or managing a controlled substance?

- Yes (1)
- No (0)
- Don't know (2)

Q54 What percentage of your colleagues do you think use CURES at least weekly?

- 0% (1)
- 10% (2)
- 20% (3)
- 30% (4)
- 40% (5)
- 50% (6)
- 60% (7)
- 70% (8)
- 80% (9)
- 90% (10)
- 100% (11)

Q56 What percentage of your colleagues do you feel ought to be using CURES at least weekly?

- 0% (1)
- 10% (2)
- 20% (3)
- 30% (4)
- 40% (5)
- 50% (6)
- 60% (7)
- 70% (8)
- 80% (9)
- 90% (10)
- 100% (11)

Q35 I have a professional responsibility to check CURES when dispensing or managing controlled substances.

- Strongly agree (5)
- Agree (4)
- Neither agree nor disagree (3)
- Disagree (2)
- Strongly disagree (1)

Q36 Checking CURES when dispensing or managing controlled substances is the right thing to do.

- Strongly agree (5)
- Agree (4)
- Neither agree nor disagree (3)
- Disagree (2)
- Strongly disagree (1)

Q37 Using CURES when dispensing or managing controlled substances is considered standard of care.

- Strongly agree (5)
- Agree (4)
- Neither agree nor disagree (3)
- Disagree (2)
- Strongly disagree (1)

Q38 Dispensing or managing controlled substances without checking CURES would be morally wrong.

- Strongly agree (5)
- Agree (4)
- Neither agree nor disagree (3)
- Disagree (2)
- Strongly disagree (1)

Q39 Checking CURES when dispensing or managing controlled substances is NOT a necessary part of my job.

- Strongly agree (1)
- Agree (2)
- Neither agree nor disagree (3)
- Disagree (4)
- Strongly disagree (5)

Q40 Now we would like to ask you some questions regarding your dispensing and managing practices more generally.

Q41 How have your dispensing or managing practices changed in the last 3 months?

- I dispense/manage FAR FEWER controlled substances (-2)
- I dispense/manage FEWER controlled substances (-1)
- No change (0)
- I dispense/manage MORE controlled substances (1)
- I dispense/manage FAR MORE controlled substances (2)

If No change Is Selected, Then Skip To End of Block

Q42 What factors led you to change your prescribing practices? [Check all that apply]

- Change in practice location or patient mix (1)
- New professional standards and protocols where I practice (2)
- Increased professional awareness of risks, benefits, and other solutions (3)
- New clinical guidelines and recommendations (4)
- Increased law enforcement activity (5)
- CURES providing greater access to patient prescription drug history (6)
- Increased patient awareness of risks and benefits (7)
- Medico-legal ramifications (8)
- Other reason (10) _____

Q43 What percent of patients in California taking controlled substance medications do you feel:

	0 (1)	10 (2)	20 (3)	30 (4)	40 (5)	50 (6)	60 (7)	70 (8)	80 (9)	90 (10)	100 (11)
Misuse/Abuse them (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Benefit from them (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q44 What percent of your patients taking controlled substance medications do you feel:

	0 (1)	10 (2)	20 (3)	30 (12)	40 (13)	50 (14)	60 (15)	70 (16)	80 (17)	90 (18)	100 (19)
Misuse/Abuse them (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Benefit from them (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q45 Is there anything else you would like to tell us about CURES? (e.g. problems, recommendations)

Q46 Which gender do you identify with?

- Male (0)
- Female (1)
- Other (2) _____

Q47 Please indicate your age in years:

Q50 Please indicate whether you consider yourself

- Hispanic or Latino (1)
- Not Hispanic or Latino (2)

Q48 Which one of the following groups do you most identify with?

- American Indian or Alaskan Native (1)
- Asian (2)
- Black or African American (3)
- Native Hawaiian or Other Pacific Islander (4)
- White (5)
- Other (please specify) (6) _____

Q49 How long have you been practicing in years:

Q50 Please identify the choice that best describes your primary practice site?

- Independent pharmacy (1)
- Chain pharmacy (2)
- Hospital (3)
- Supermarket (4)
- Mass merchandiser (5)
- Other patient care practice (6)
- Other (non patient care) (7)

Q51 As part of the effort to understand clinical practice and CURES usage, some of your colleagues have volunteered to participate in a follow up survey. May we contact you in the future regarding your clinical practice and usage of CURES?

- Yes (1)
- No (0)

If No Is Selected, Then Skip To End of Survey

Q57 Thank you for your participation. Please provide your email address so we may contact you at a later date.

Attachment 4

**All Pharmacists Licensed in California
as of 6-15-16**

# of Pharmacists Licensed in CA	
Address of Record	Total
California	35,526
Out of Country	113
Out of State	5,947
Grand Total	41,586

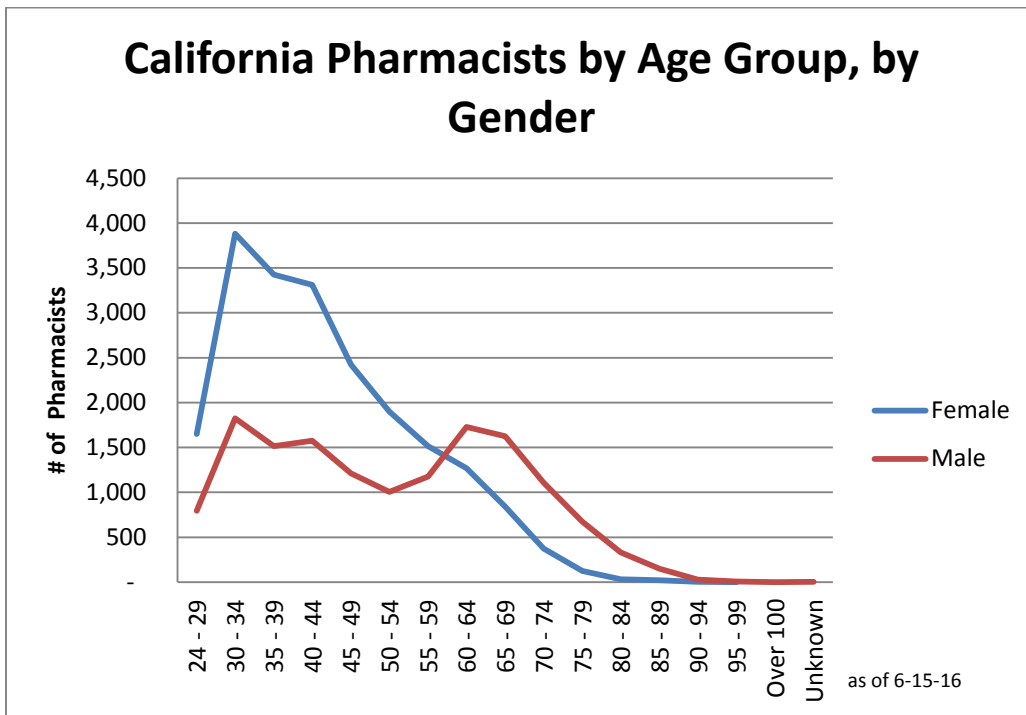
**California State Board of
Pharmacy Licensed
Pharmacist Demographics**
as of 6/15/2016

California Resident Pharmacists to Pharmacy/Hospital Ratio by County

County	# of Pharmacists	# of PHY/HSP	Pharmacist to Pharmacy
ALAMEDA	1,610	244	7:1
AMADOR	19	8	2:1
BUTTE	178	46	4:1
CALAVERAS	33	9	4:1
COLUSA	8	4	2:1
CONTRA COSTA	1,130	168	7:1
DEL NORTE	19	5	4:1
EL DORADO	190	32	6:1
FRESNO	797	183	4:1
GLENN	9	6	2:1
HUMBOLDT	93	33	3:1
IMPERIAL	55	28	2:1
INYO	14	6	2:1
KERN	439	155	3:1
KINGS	40	18	2:1
LAKE	28	16	2:1
LASSEN	13	6	2:1
LOS ANGELES	9,050	2,047	4:1
MADERA	65	25	3:1
MARIN	233	47	5:1
MARIPOSA	5	2	3:1
MENDOCINO	66	22	3:1
MERCED	85	38	2:1
MODOC	4	2	2:1
MONO	9	3	3:1
MONTEREY	228	56	4:1
NAPA	100	26	4:1
NEVADA	67	18	4:1
ORANGE	5,302	694	8:1
PLACER	465	82	6:1
PLUMAS	12	4	3:1
RIVERSIDE	1,295	390	3:1
SACRAMENTO	1,629	255	6:1
SAN BENITO	20	8	3:1
SAN BERNARDINO	1,286	352	4:1
SAN DIEGO	3,059	489	6:1

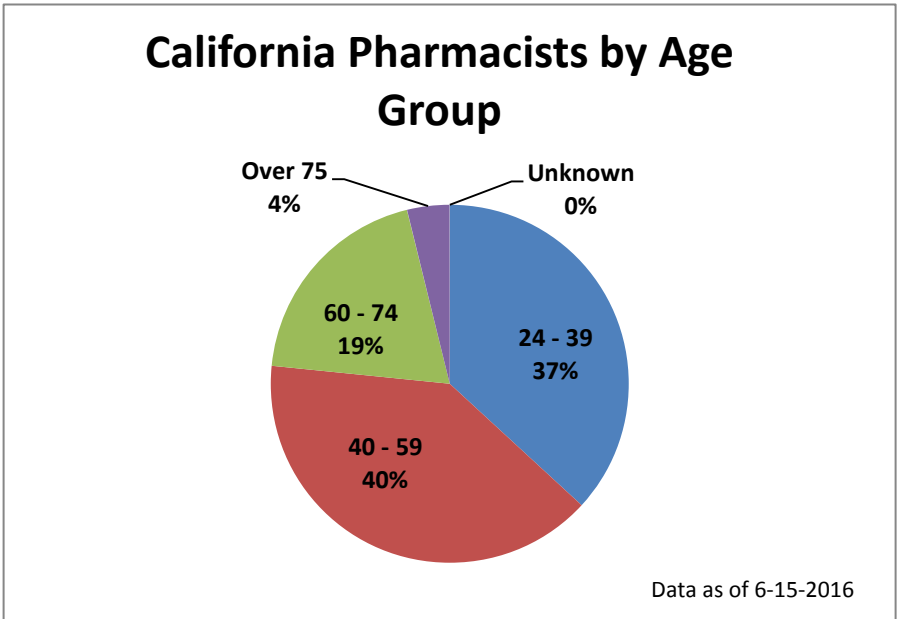
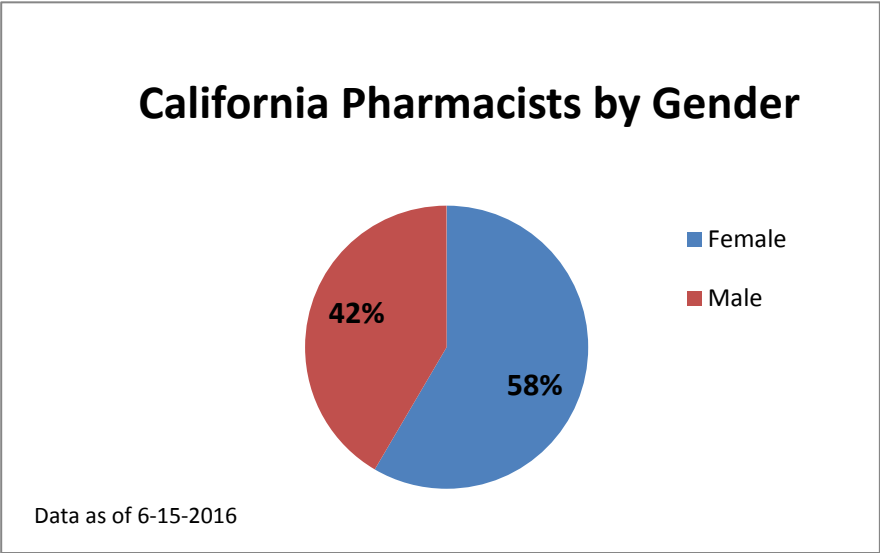
SAN FRANCISCO	1,210	162	7:1
SAN JOAQUIN	616	113	5:1
SAN LUIS OBISPO	265	57	5:1
SAN MATEO	881	110	8:1
SANTA BARBARA	243	73	3:1
SANTA CLARA	2,146	284	8:1
SANTA CRUZ	149	43	3:1
SHASTA	171	43	4:1
SIERRA	1	1	1:1
SISKIYOU	35	10	4:1
SOLANO	281	65	4:1
SONOMA	339	87	4:1
STANISLAUS	301	90	3:1
SUTTER	81	20	4:1
TEHAMA	15	13	1:1
TRINITY	6	3	2:1
TULARE	250	76	3:1
TUOLUMNE	39	13	3:1
VENTURA	680	162	4:1
YOLO	147	32	5:1
YUBA	15	12	1:1
Grand Total	35,526	6,996	5:1

CA Pharmacists by Age Group, By Gender			
# of Pharmacists	Gender		
Age Group	Female	Male	Grand Total
24 - 29	1,649	796	2,445
30 - 34	3,883	1,826	5,709
35 - 39	3,425	1,514	4,939
40 - 44	3,311	1,574	4,885
45 - 49	2,425	1,213	3,638
50 - 54	1,900	1,006	2,906
55 - 59	1,515	1,176	2,691
60 - 64	1,268	1,727	2,995
65 - 69	842	1,626	2,468
70 - 74	375	1,108	1,483
75 - 79	125	673	798
80 - 84	31	331	362
85 - 89	20	148	168
90 - 94	2	28	30
95 - 99	1	5	6
Over 100		1	1
Unknown		2	2
Grand Total	20,772	14,754	35,526



# of Pharmacists	
Gender	Total
Female	20,772
Male	14,754
Grand Total	35,526

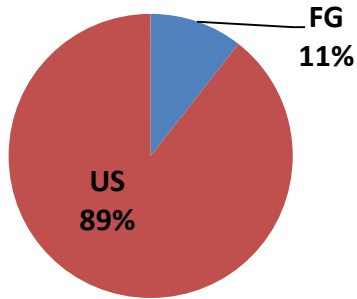
# of Pharmacists	
Age Grp	Total
24 - 39	13,093
40 - 59	14,120
60 - 74	6,946
Over 75	1,365
Unknown	2
Grand Total	35,526



**Current California Licensed Pharmacists -
Foreign Grads vs US Grads**

Values		
US vs FG	# of Pharmacists	%
FG	3,760	10.85%
US	31,766	89.15%
Grand Total	35,526	100.00%

**Current California Licensed
Pharmacists - Foreign vs US Grads**



as of 6-15-16

**Top 25 Pharmacy US Pharmacist Graduate Schools as of 6-15-16
(descending order by total graduates)**

Count of Lic.	Country Graduate	School	Total
	United States	UNIVERSITY OF THE PACIFIC (CALIF)	6,358
		UNIVERSITY OF SOUTHERN CALIFORNIA	6,206
		UNIVERSITY OF CALIFORNIA-S.F.	4,066
		WESTERN UNIV. HEALTH SCIENSES COLL. OF PHY (CA)	1,697
		MASSACHUSETTS SCHOOL OF PHARMACY - BOSTON	851
		TOURO UNIVERSITY - CALIFORNIA COLLEGE OF PHARMACY	595
		NEVADA COLLEGE OF PHARMACY	567
		LOMA LINDA UNIVERSITY	516
		UNIVERSITY OF ARIZONA	433
		OREGON STATE UNIVERSITY	425
		CREIGHTON UNIVERSITY (NEBRASKA)	418
		UNIVERSITY OF CALIFORNIA, SAN DIEGO	415
		IDAHO STATE UNIVERSITY	385
		CALIFORNIA NORTHSTATE COLLEGE OF PHARMACY	323
		UNIVERSITY OF COLORADO	322
		A & M SCHWARTZ(LI UNIV)(C/PH N Y)	298
		MIDWESTERN UNIVERSITY COLLEGE OF PHARMACY - ARIZONA	277
		UNIV OF ILLINOIS AT CHICAGO	263
		UNIVERSITY OF UTAH	244
		UNIVERSITY OF NEW MEXICO	238
		TEMPLE UNIVERSITY (PENNSYLVANIA)	222
		NORTHEASTERN UNIV (MASSACHUSETTS)	208
		UNIVERSITY OF MARYLAND	207
		PURDUE UNIVERSITY (INDIANA)	194
		UNIVERSITY OF WASHINGTON	194
Grand Total			25,922

**Top 25 Foreign Graduate School Countries for
Licensed Pharmacists as of 6-15-16 (descending
order by total graduates)**

Count of Lic.	
Country Graduated	Total
Philippines	588
India	560
Egypt	469
Vietnam	275
Korea South	261
South Africa	207
Iran	139
Taiwan	116
United Kingdom	113
Canada	108
Nigeria	90
China	74
Jordan	68
Lebanon	43
Syrian Arab Republic	41
Iraq	40
Russia	39
Philippines	33
Pakistan	33
France	32
Thailand	30
Germany	26
Armenia	26
Switzerland	24
Brazil	19