

**American Association of  
Veterinary Laboratory Diagnosticians  
Meeting Agenda**

Type of Meeting:     **AAVLD Executive Board Meeting  
Friday, Oct. 17, 2014  
Chicago C  
Westin Crown Center, Kansas City, MO**

Time: 1:00 – 5:00 PM CDT

Toll Free: 866-740-1260 Participant Code: 7549719#

Meeting Facilitator: Catherine Barr

Invitees:

McKenna, Thomas (Thomas.McKenna@WVDL.wisc.edu);  
Barr, Catherine ([ACBARR@tvmdl.tamu.edu](mailto:ACBARR@tvmdl.tamu.edu));  
Elvinger, Francois ([elvinger@vt.edu](mailto:elvinger@vt.edu))  
Adaska, John M. ([jadaska@cahfs.ucdavis.edu](mailto:jadaska@cahfs.ucdavis.edu));  
Baldwin, Thomas ([tom.baldwin@usu.edu](mailto:tom.baldwin@usu.edu))  
Cornaglia, Estela Maria ([estela.cornaglia@umontreal.ca](mailto:estela.cornaglia@umontreal.ca));  
Naikare, Hemant ([hnaikare@tvmdl.tamu.edu](mailto:hnaikare@tvmdl.tamu.edu))  
Bushmich, Sandra ([sandra.bushmich@uconn.edu](mailto:sandra.bushmich@uconn.edu));  
Pace, Lanny ([lpace@mvrld.msstate.edu](mailto:lpace@mvrld.msstate.edu));  
Halbur, Pat ([pghalbur@iastate.edu](mailto:pghalbur@iastate.edu));  
Heidel, Jerry ([Jerry.Heidel@oregonstate.edu](mailto:Jerry.Heidel@oregonstate.edu));  
Van Campen, Hana ([hvancamp@lamar.colostate.edu](mailto:hvancamp@lamar.colostate.edu))  
Perrone, Marie ([perronem@inspection.gc.ca](mailto:perronem@inspection.gc.ca)); <Ex-Officio>  
Lautner, Elizabeth ([Elizabeth.A.Lautner@aphis.usda.gov](mailto:Elizabeth.A.Lautner@aphis.usda.gov)); <Ex-Officio>  
Granger, Larry M - APHIS ([Larry.M.Granger@aphis.usda.gov](mailto:Larry.M.Granger@aphis.usda.gov)); <Ex-Officio>

Conference Call Attendee: Hoang, Christine ([choang@auma.org](mailto:choang@auma.org)); <Ex-Officio>

**AGENDA**

- I. Call to order- Catherine Barr
- II. Roll call- Catherine Barr
- III. Approval of Agenda
- IV. Approval of Minutes of September 2014 Meeting
- V. Financial Report

- a) Secretary Treasurer Financial Report – John Adaska
- b) Year To Date Budget Review – Jim Kistler

#### VI. President's Report – Catherine Barr

- a) Report on Committee Chair Call

#### VII. Old Business

- a) Review of 2014 Meeting Final Preparations– Jim Kistler
  - a. 2014 Annual Meeting
    - i. Registration Update
    - ii. App Update
    - iii. Sponsorship Update
  - b) Update on Committee Activity – Jim Kistler
  - c) Discussion of Possible Changes to Membership Year
  - d) Report on Financial Issues
    - i. IRS Status – Jim Kistler
    - ii. Outsourcing of Accounting – 13 RFP's sent
  - e) Update on AAVCT Website – Jim Kistler
  - f) Final Report on Nominations – John Adaska
  - g) Joint Workforce Development Survey – Jim Kistler

#### VIII. New business

- a) Committee Reports
  - a. Program Committee
  - b. Membership Committee
  - c. Accreditation
  - d. Nominations Committee
  - e. Awards Committee
  - f. Foundation Committee
  - g. Government Affairs Committee
  - h. Strategic Planning Committee
  - i. Other Committees
- b) Liaison Reports
- c) Requests by Other Organizations
- d) Other
  - a. Sage Report on JVDI – Kaitlyn Voyce
  - b. Discussion of Measurables for Government Relations Efforts – Jim Kistler
  - c. Payment of Costs for QA Video - from which entity? – Jim Kistler / John Adaska
  - d. Discussion of Website Evaluation / Design – Jim Kistler
    - i. Appoint taskforce for evaluation?

#### IX. Action Plan / Items

#### X. Executive Session

#### XI. Adjournment

**American Association of Veterinary Laboratory Diagnosticians**  
**Meeting Minutes**  
Conference call  
September 3, 2014  
10:00 AM PST

**Type of Meeting:** AAVLD Executive Board Meeting

**Meeting Facilitator:** Dr. Catherine Barr

I. **Call to order** – 10:00 AM PST by Dr. Catherine Barr

II. **Roll call** – Dr. Catherine Barr

Invitees:

McKenna, Thomas (Thomas.McKenna@WVDL.wisc.edu);  
Barr, Catherine ([ACBARR@tvmdl.tamu.edu](mailto:ACBARR@tvmdl.tamu.edu));  
Elvinger, Francois (elvinger@vt.edu)  
Adaska, John M. ([jadaska@cahfs.ucdavis.edu](mailto:jadaska@cahfs.ucdavis.edu));  
Baldwin, Thomas ([tom.baldwin@usu.edu](mailto:tom.baldwin@usu.edu))  
Naikare, Hemant ([hnaikare@tvmdl.tamu.edu](mailto:hnaikare@tvmdl.tamu.edu))  
Pace, Lanny (lpace@mvrld.msstate.edu);  
Halbur, Pat ([pghalbur@iastate.edu](mailto:pghalbur@iastate.edu));  
Heidel, Jerry (Jerry.Heidel@oregonstate.edu);  
Van Campen, Hana ([hvancamp@lamar.colostate.edu](mailto:hvancamp@lamar.colostate.edu))

Not in attendance

Cornaglia, Estela Maria ([estela.cornaglia@umontreal.ca](mailto:estela.cornaglia@umontreal.ca));  
Bushmich, Sandra ([sandra.bushmich@uconn.edu](mailto:sandra.bushmich@uconn.edu));  
Perrone, Marie ([perronem@inspection.gc.ca](mailto:perronem@inspection.gc.ca)); <Ex-Officio>  
Lautner, Elizabeth ([Elizabeth.A.Lautner@aphis.usda.gov](mailto:Elizabeth.A.Lautner@aphis.usda.gov)); <Ex-Officio>  
Granger, Larry M - APHIS ([Larry.M.Granger@aphis.usda.gov](mailto:Larry.M.Granger@aphis.usda.gov)); <Ex-Officio>  
Hoang, Christine ([choang@auma.org](mailto:choang@auma.org)); <Ex-Officio>

**Other in attendance:** Jim Kistler ([jkistler@aavld.org](mailto:jkistler@aavld.org)); Reda Ozuna ([rozuna@aavld.org](mailto:rozuna@aavld.org))

III. Approval of Agenda

MOTION TO APPROVE AGENDA BY DR. TOM MCKENNA, 2ND BY DR. HANA VAN CAMPEN, MOTION CARRIED UNANIMOUSLY.

IV. Approval of Minutes of July 31, 2014 Meeting

MOTION TO APPROVE JULY 31, 2014 MINUTES BY DR. FRANCOIS ELVINGER, 2ND BY DR. LANNY PACE, MOTION CARRIED UNANIMOUSLY.

V. Financial Report

a) Secretary Treasurer Financial Report – (John Adaska)

Dr. John Adaska reported on the Secretary Treasurer report. Dr. Adaska states he will need to withdraw money from the Mutual Funds. The dollar amount will be reviewed by Jim Kistler and Dr. John Adaska.

MOTION TO APPROVE SECRETARY TREASURER FINANCIAL REPORT MOTION CARRIED UNANIMOUSLY.

VI. President's Report – (Catherine Barr)

Dr. Catherine Barr reports on President's Activities. All committee Chairs and Co-chairs have been confirmed. All committee Chairs will be submitting their strategic plans for upcoming year to be completed a couple of weeks following the Annual Meeting. Committee agendas are coming in and will be posted on the AAVLD website as well as on the phone/laptop application.

VII. Old Business

a) Update on 2014 Annual Meeting– (Jim Kistler)

a. 2014 Annual Meeting

i. Program Update – (Dr. Francois Elvinger)

Dr. Elvinger reported the program for the meeting is on schedule. Program book proofs are in the process of review.

ii. Abstracts Update – (Dr. Francois Elvinger)

Dr. Elvinger stated abstracts are on target. Dr. Elvinger suggested training with Dr. Tom Baldwin and Jim Kistler for continuity as we prepare for 2015.

**Action Item:** Training with Dr. Francois Elvinger, Dr. Tom Baldwin and Jim Kistler regarding the abstract submissions.

iii. Registration Update- (Jim Kistler)

Jim Kistler reported on registration. Registration is around 200 and on target.

iv. App Update- (Jim Kistler)

Jim Kistler reported on an instructional PowerPoint training tool for phone/laptop application. Committee agendas are coming in and will be uploaded to the app as they come in for the phone/laptop application.

v. Sponsorship update – (Jim Kistler)

*(See attached)*

Jim Kistler reported on sponsorships and states we are on target for this year's Annual Meeting compared to last year. This is the last year Life Technology will be sponsoring the phone/laptop mobile application. AAVLD will need to solicit new sponsorship for the phone/laptop mobile application for 2015. Discussion ensued. Executive Board requested a summary of the cost from Life Technology for the phone/laptop application. Jim Kistler will get the amounts from Jackie Cassarly, Planning Connection and share with the Executive Board at the next meeting.

**Action Item:** Get the amount Life Technology paid for sponsoring the phone/laptop application and share with the Executive Board at the next Committee meeting.

b) Update on Committee Activity – (Jim Kistler)

Jim Kistler reported on Committee activity. Jim Kistler stated he was involved with the Joint Workforce Development Committee survey. There were 24 Laboratories who responded to survey. This was a 50% response rate. Jim Kistler will share the result with the Executive Board once it is received.

c) Discussion of Strategic Plan Strategies – (Jim Kistler)

Jim Kistler reported on the strategic plan. Jim Kistler suggested the Membership Committee, Dr. Tom Baldwin, Dr. Swinford and Jim Kistler will have a discussion regarding communications plans and new opportunities for AAVLD membership before next meeting. Jim Kistler requested the Executive Board review the attached Strategic Plan and send in comments or suggestions to include in the early October 1, 2014 conference call before Annual Meeting.

**Action Item:** Jim Kistler requested the Executive Board review the attached Strategic Plan sheet and make suggestions or comments prior to the early October 1, 2014 conference call.

VIII. New business

a) Committee Reports

- a. Program Committee - ( Dr. Francois Elvinger)
 

Dr. Francois Elvinger reported on Program Committee activities. There will be 5 concurrent sessions on Saturday afternoon and 4 concurrent sessions on Sunday morning. There are 3 Virology sessions, 3 Pathology sessions, 2 Epidemiology sessions, 1 Toxicology session and 1 Bacteriology session. There are 68 posters. Notifications will go out this week. There is a moderator for each of the sessions.
  - b. Membership Committee- (Dr. Tom Baldwin)
 

Dr. Tom Baldwin reported on the Membership Committee.
  - c. Accreditation – (Jim Kistler)
 

Jim Kistler reported on the one hundred five thousand dollar grant received from FDA for travel expenses to the 2014 Annual Meeting Quality Assurance Symposium. The target is the VetLIRN laboratory system. Each laboratory is eligible for three thousand dollars. Out of the grant AAVLD secured an additional ten thousand dollars to support the Quality Assurance Symposium.
  - d. Nominations Committee – (Dr. Tom McKenna)
 

*(Attached spread sheet)*

Dr. Tom McKenna reported on this year nominations. E.P. Pope Nominees are Dr. Jerry Saliki, Dr. Tim Baszler and Herbert VanKruiningen. The Committee selected the E.P. Pope Award recipient to be Dr. Tim Baszler. There was one nomination for the Distinguished Service Award. The Committee selected Dr. Herbert VanKruiningen. The Executive Board recommends Dr. Jerry Saliki for the Life Membership Award.

**Action Item:** The Executive Board recommended a final vote for E.P. Pope Award, Distinguished Service Award and Life Time Membership Award prior to the House of Delegates Committee meeting.

MOTION TO APPROVE NOMINEES DR. TIM BASZLER FOR E.P. POPE AWARD, DR. HERBERT VAN KRUININGEN FOR DISTINGUISHED SERVICE AWARD AND DR. JERRY SALIKI FOR THE LIFE MEMBERSHIP AWARD. MOTION BY DR. LANNY PACE, 2ND BY DR. PAT HALBUR, MOTION CARRIED UNANIMOUSLY.
  - e. Awards Committee
    - i. Approval of Committee Report on Award Nominees
 

See (d) Nomination Committee Dr. Tom McKenna report.
  - f. Foundation Committee
 

*No report given*
  - g. Government Affairs Committee
 

*No report given*
  - h. Strategic Planning Committee
 

*(See attached)*
  - i. Other Committees
- b) Liaison Reports
  - c) Requests by Other Organizations
  - d) Other
    - a. Payment of Costs for Past Presidents’ Breakfast at Annual Meeting – (Dr. John Adaska)
 

Jim Kistler reported on a recommendation by Dr. John Adaska for AAVLD to cover the cost of the Past President’s breakfast. Discussion ensued.

MOTION TO APPROVE AAVLD PAYING FOR THE PAST PRESIDENTS BREAKFAST AT EACH ANNUAL MEETING. MOTION BY DR. TOM MCKENNA, 2ND BY DR. HANA VANCAMPEN, MOTION CARRIED UNANIMOUSLY.
    - b. Policy on Registration / Payment for Events Associated with Annual Meetings – (Jim Kistler)
 

Jim Kistler reported on the QA symposium registration and its registration policies. Discussion ensued. The Executive Board approved applying a separate basic cost structure for the Quality Assurance Symposium. Jim Kistler will review hotel venues each year and bring information to the Executive Board regarding costs at the hotel venue for approval of a registration fee.

MOTION TO APPROVE A BASIC REGISTRATION FEE FOR INDIVIDUALS WHO ARE NON-MEMBERS OR WHOM ARE NOT REGISTERED FOR THE ANNUAL MEETING THAT WILL EXCEED THE FEE CHARGED TO ANNUAL MEETING ATTENDEES. JIM KISTLER WILL EVALUATE COSTS EACH YEAR AND BRING INFORMATION TO THE EXECUTIVE BOARD FOR APPROVAL. MOTION BY DR. FRANCOIS ELVINGER, 2ND BY DR. JOHN ADASKA, MOTION CARRIED UNANIMOUSLY.

c. Member Discounts on Annual Meeting – (Jim Kistler)

Jim Kistler reported on the Membership discounts. Members who register through the USAHA website do not have an option to select current 2014 Membership application. Members who are not 2014 current members are registering through USAHA website and selecting the 2015 Membership application. AAVLD then receives the 2015 Membership application and posts payment against the 2014 membership with member approval. Jim Kistler suggested a discussion regarding current procedure. Discussion ensued. The Executive Board suggested Jim Kistler review the current procedure with Ben Richey, USAHA.

**Action Item:** Jim Kistler will review the logistics on what it would take to change the AAVLD membership to a fiscal year and/or present other options at a future meeting.

d. Request for AAVLD volunteers from Veterinary Services – (Dr. Catherine Barr)

*(See attached)*

Dr. Barr reported on a request for AAVLD volunteers from APHIS Veterinary Services. Dr. Bruce Akey and Dr. Gary Anderson are AAVLD representatives on the requesting committee. Dr. Barr suggested soliciting volunteers on the AAVLD Discussion Listserv.

IX. Action Plan / Items

X. Adjournment 11:08 A.M. PST



## September Financial Reports

Monthly Membership Statistic Report

Yearly Membership Statistic Report

Profit & Loss All YTD Report

Profit & Loss Administration YTD Report

Profit & Loss Accreditation YTD Report

Profit & Loss Foundation YTD Report

Balance Sheet YTD as of September 30, 2014

## AAVLD Monthly Membership Report

As of 09/30/14

Membership Type	2013 Renewal for 2014	Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec
Full	595	39	13	28	1	18	1	30	40	36			
Resident / Grad	44	3	1	4	1	3	2	3	4	17			
Retired	23	2	1	1	0	2	0	0	0	1			
Associate	67	4	1	4	1	2	4	5	7	22			
Under-Grad VS	1	0	0	0	0	0	0	0	0	0			
<b>Total</b>	<b>730</b>	<b>48</b>	<b>16</b>	<b>37</b>	<b>3</b>	<b>25</b>	<b>7</b>	<b>38</b>	<b>51</b>	<b>76</b>			
<b>New Members (already included in total)</b>	44	9	4	9	3	25	7	38	69	47			

Revenue	2013 Renewals for 2014	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Full	\$104,125	\$6825	\$2275	\$4900	\$175	\$3150	\$175	\$5775	\$7725	\$7200			
Student	\$1100	\$75	\$25	\$100	\$25	\$75	\$50	\$75	\$100	\$425			
Retired	\$575	\$50	\$25	\$25	\$0	\$50	\$0	\$0	\$0	\$25			
Associate	\$2345	\$140	\$35	\$140	\$35	\$75	\$140	\$175	\$245	\$770			
UV	\$25	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
<b>Total</b>	<b>\$108,170</b>	<b>\$7090</b>	<b>\$2360</b>	<b>\$5165</b>	<b>\$235</b>	<b>\$3350</b>	<b>\$365</b>	<b>\$6025</b>	<b>\$8070</b>	<b>\$8420</b>			

**Note:** AAVLD has life time membership = 41 total; Life Time Members do not have an expiration date. Life Time Members also get a hard copy of the JVDI Journals.

L- Life Time Membership = **\$2,729.16** loss to profit

**47- New Members in September;** Total Membership is 1019 as of today

## AAVLD Yearly Membership Report

As of 09/30/2014

Membership Type	2010	2011	2012	2013	2014
Full	788	820	908	797	754
Resident / Grad	107	94	80	59	83
Retired	26	19	29	29	30
Associate	64	73	110	94	110
Under-Grad VS				1	1
<b>Total</b>	<b>985</b>	<b>1006</b>	<b>1127</b>	<b>980</b>	<b>978</b>
<b>New Members (already included in total)</b>	43	115	91	101	101

Revenue	2010	2011	2012	2013	2014
Full	\$98,500.00	\$93,750.00	\$136,200.00	\$139,475.00	\$150,800
Student	\$2,675.00	\$2,100.00	\$2800.00	\$1,475.00	\$ 2075
Retired	\$650.00	\$475.00	\$725.00	\$725.00	\$750
Associate	\$2,240.00	\$2,555.00	\$3850.00	\$3290.00	\$3850
Under-Grad VS				\$25.00	\$25.00
<b>Total</b>	<b>\$104,065.00</b>	<b>\$98,880.00</b>	<b>\$143,575.00</b>	<b>\$144,990.00</b>	<b>\$157,500.00</b>

**Note: 41-L-** Is for Life Time Membership. Life time member receive the JVDI Journal, There is no column for life time membership. Total cost to AAVLD **\$2,729.16**

Each Journal is **\$10.83 each subscription x 6 issues yearly = \$64.98** each member with the exception of Associate members.

Total Membership with Life time member included is **1019**

**2012-13 Income/Expense Summary**

	General	Accreditation	Foundation
<b>Total Assets as of 6/30/2012</b>	<b>\$609,334.33</b>	<b>\$140,018.97</b>	<b>\$202,309.71</b>
<i>Beginning Bank Balance</i>	\$71,059.41	\$57,207.55	\$15,647.06
<b>1st quarter (7/1-9/30/12)</b>			
	General	Accreditation*	Foundation
Income	\$105,720.61	\$491.91	\$1,475.29
Expense	\$117,361.48	\$7,112.08	\$9,000.00
<i>Income less Expense</i>	<i>-\$11,640.87</i>	<i>-\$6,620.17</i>	<i>-\$7,524.71</i>
<b>Assets at end of quarter</b>			
Mutual Funds	\$542,225.31	\$86,377.05	\$196,507.85
Money Market			\$8,122.35
CD	\$18,400.43		
bank account	\$59,418.54	\$50,587.38	
<b>Total Assets</b>	<b>\$620,044.28</b>	<b>\$136,964.43</b>	<b>\$204,630.20</b>

<b>2nd Quarter (10/1-12/31/12)</b>			
	General	Accreditation	Foundation
Income	\$232,283.68	\$1.04	\$2,485.19
Expense	\$114,602.19	\$23,799.18	\$4,109.88
<i>Income less Expense</i>	<i>\$117,681.49</i>	<i>-\$23,798.14</i>	<i>-\$1,624.69</i>
<b>Assets at end of quarter</b>			
Mutual Funds	\$550,467.54	\$87,695.80	\$199,408.67
Money Market			\$6,497.66
CD	\$18,409.69		
bank account	\$177,100.03	\$26,789.24	
<b>Total Assets</b>	<b>\$745,977.26</b>	<b>\$114,485.04</b>	<b>\$205,906.33</b>

<b>3rd Quarter (1/1-3/31/13)</b>			
	General	Accreditation	Foundation
Income	\$76,794.16	\$18,700.80	\$14,135.44
Expense	\$210,904.96	\$20,080.03	\$0.00
<i>Income less Expense</i>	<i>-\$134,110.80</i>	<i>-\$1,379.23</i>	<i>\$14,135.44</i>
<b>Assets at end of quarter</b>			
Mutual Funds	\$575,683.05	\$91,717.47	\$215,719.99
Money Market			\$20,633.10
CD	\$18,418.76		
bank account	\$42,989.23	\$25,410.01	
<b>Total Assets</b>	<b>\$637,091.04</b>	<b>\$117,127.48</b>	<b>\$236,353.09</b>

<b>4th Quarter (4/1 - 6/30/13)</b>			
	General	Accreditation	Foundation
Income	\$155,982.15	\$63.54	\$0.52
Expense	\$124,172.83	\$6,187.64	\$0.00
<i>Income less Expense</i>	<i>\$31,809.32</i>	<i>-\$6,124.10</i>	<i>\$0.52</i>
<b>Assets at end of quarter</b>			
Mutual Funds	\$500,908.27	\$91,583.93	\$218,836.40
Money Market			\$20,633.62
CD	\$18,425.57		
bank account	\$74,798.55	\$19,285.91	
<b>Total Assets</b>	<b>\$594,132.39</b>	<b>\$110,869.84</b>	<b>\$239,470.02</b>

\* General funds, 5/8/13, \$75K transferred from investments to checking.

<b>Total Income</b>	<b>\$570,780.60</b>	<b>\$19,257.29</b>	<b>\$18,096.44</b>
<b>Total Expense</b>	<b>\$567,041.46</b>	<b>\$57,178.93</b>	<b>\$13,109.88</b>

**2013-14 Income/Expense Summary**

	General	Accreditation	Foundation
<b>Total Assets as of 6/30/2013</b>	<b>\$594,132.39</b>	<b>\$110,869.84</b>	<b>\$239,470.02</b>
Beginning Bank Balance	\$74,798.55	\$19,285.91	\$20,633.62
<b>1st quarter (7/1-9/30/13)</b>			
	General*	Accreditation*	Foundation
Income	\$104,416.03	\$0.44	\$0.26
Expense	\$126,623.23	\$3,253.47	\$12,000.00
Income less Expense	<b>-\$22,207.20</b>	<b>-\$3,253.03</b>	<b>-\$11,999.74</b>
<b>Assets at end of quarter</b>			
Mutual Funds	\$523,396.91	\$95,809.62	\$230,260.41
Money Market			
CD	\$18,432.45		
bank account	\$52,591.35	\$16,032.88	\$4,163.94
<b>Total Assets</b>	<b>\$594,420.71</b>	<b>\$111,842.50</b>	<b>\$230,260.41</b>

<b>2nd Quarter (10/1-12/31/13)</b>			
	General	Accreditation	Foundation
Income	\$199,984.06	\$19,200.27	\$10,197.11
Expense	\$190,647.03	\$15,402.40	\$10,842.00
Income less Expense	\$9,337.03	\$3,797.87	<b>-\$644.89</b>
<b>Assets at end of quarter</b>			
Mutual Funds	\$544,775.63	\$99,601.73	\$244,904.83
Money Market			
CD	\$18,439.42		
bank account	\$61,928.38	\$19,830.75	\$3,519.05
<b>Total Assets</b>	<b>\$625,143.43</b>	<b>\$119,432.48</b>	<b>\$248,423.88</b>

<b>3rd Quarter (1/1-3/31/14)</b>			
	General	Accreditation	Foundation
Income	\$137,459.66	\$15,950.52	\$575.09
Expense	\$152,296.34	\$22,548.27	\$0.00
Income less Expense	<b>-\$14,836.68</b>	<b>-\$6,597.75</b>	\$575.09
<b>Assets at end of quarter</b>			
Mutual Funds	\$505,814.40	\$100,653.02	\$249,136.31
Money Market			
CD	\$18,446.31		
bank account	\$47,091.70	\$13,233.00	\$4,094.14
<b>Total Assets</b>	<b>\$571,352.41</b>	<b>\$113,886.02</b>	<b>\$253,230.45</b>

**March 3, 2014 Transfer 45k from Edward Jones into Boone checking**

<b>4th Quarter (4/1 - 6/30/14)</b>			
	General	Accreditation	Foundation
Income	\$124,500.77	\$18,318.80	\$200.11
Expense	\$140,141.64	\$16,984.08	\$0.00
Income less Expense	<b>-\$15,640.87</b>	\$1,334.72	\$200.11
<b>Assets at end of quarter</b>			
Mutual Funds	\$521,476.24	\$103,818.67	\$262,885.47
Money Market			
CD	\$18,453.13		
bank account	\$31,450.83	\$14,567.72	\$4,294.25
<b>Total Assets</b>	<b>\$571,380.20</b>	<b>\$118,386.39</b>	<b>\$267,179.72</b>

<b>Total Income</b>	<b>\$566,360.52</b>	<b>\$53,470.03</b>	<b>\$10,972.57</b>
<b>Total Expense</b>	<b>\$609,708.24</b>	<b>\$58,188.22</b>	<b>\$22,842.00</b>
<b>Income less Expense</b>	<b>-\$43,347.72</b>	<b>-\$4,718.19</b>	<b>-\$11,869.43</b>

\* Note total assets 6/30/10 were \$649,625.30

## 2014-15 Income/Expense Summary

	General	Accreditation	Foundation
<b>Total Assets as of 6/30/2014</b>	<b>\$571,380.20</b>	<b>\$118,386.39</b>	<b>\$267,179.72</b>
<i>Beginning Bank Balance</i>	\$31,450.83	\$14,567.72	\$4,294.25
<b>1st quarter (7/1-9/30/14)</b>			
	General*	Accreditation*	Foundation
Income	\$153,498.94	\$29,000.00	\$0.12
Expense	\$148,506.34	\$25,499.42	\$0.00
<i>Income less Expense</i>	<b>\$4,992.60</b>	\$3,500.58	\$0.12
<b>Assets at end of quarter</b>			
Mutual Funds	\$458,351.67	\$102,695.42	\$229,226.42
Money Market			
CD	\$18,460.02		
bank account	\$36,443.43	\$18,068.30	\$4,292.25
<b>Total Assets</b>	<b>\$513,255.12</b>	<b>\$120,763.72</b>	<b>\$229,226.42</b>

**July 8, 2014 Transfer 28k from Edward Jones General into Boone checking**  
**Sept. 26, 2014 Transfer 30k from Edward Jones General into Boone checking**

<b>2nd Quarter (10/1-12/31/14)</b>			
	General	Accreditation	Foundation
Income			
Expense			
<i>Income less Expense</i>	\$0.00	\$0.00	\$0.00
<b>Assets at end of quarter</b>			
Mutual Funds			
Money Market			
CD			
bank account			
<b>Total Assets</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

<b>3rd Quarter (1/1-3/31/15)</b>			
	General	Accreditation	Foundation
Income			
Expense			
<i>Income less Expense</i>	\$0.00	\$0.00	\$0.00
<b>Assets at end of quarter</b>			
Mutual Funds			
Money Market			
CD			
bank account			
<b>Total Assets</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

<b>4th Quarter (4/1 - 6/30/15)</b>			
	General	Accreditation	Foundation

Income			
Expense			
<i>Income less Expense</i>	\$0.00	\$0.00	\$0.00
<b>Assets at end of quarter</b>			
Mutual Funds			
Money Market			
CD			
bank account			
<b>Total Assets</b>	\$0.00	\$0.00	\$0.00

<b>Total Income</b>	<b>\$74,145.10</b>	<b>\$29,000.00</b>	<b>\$0.04</b>
<b>Total Expense</b>	<b>\$82,058.29</b>	<b>\$17,074.71</b>	<b>\$0.00</b>
<b>Income less Expense</b>	<b>-\$7,913.19</b>	<b>\$11,925.29</b>	<b>\$0.04</b>

Fiscal year 13-14

General Fund													
Chase	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Beg Balance	\$30,485	\$21,424	\$16,837	\$19,453	\$8,459	\$20,765	\$18,611	\$28,450	\$16,334	\$12,344	\$4,653	\$22,372	
Income	\$1,231	\$16,829	\$18,605	\$7,466	\$32,018	\$78,860	\$26,224	\$25,826	\$22,638	\$22,219	\$17,961	\$0	
Expense	\$10,292	\$21,416	\$15,989	\$18,459	\$19,712	\$81,015	\$16,385	\$37,942	\$26,628	\$29,910	\$242	\$22,372	
Ending Balance	\$21,424	\$16,837	\$19,453	\$8,459	\$20,765	\$18,611	\$28,450	\$16,334	\$12,344	\$4,653	\$22,372	\$0	
Boone Co	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Beg Balance	\$44,314	\$22,266	\$39,830	\$33,138	\$36,634	\$23,548	\$43,318	\$9,558	\$4,854	\$34,748	\$26,688	\$10,313	
Income	\$10,674	\$37,715	\$19,362	\$10,860	\$15,045	\$55,735	\$10,012	\$1,320	\$51,440	\$10,260	\$24,971	\$49,090	
Expense	\$32,722	\$20,151	\$26,054	\$7,365	\$28,130	\$35,966	\$43,771	\$6,024	\$21,546	\$18,319	\$41,346	\$27,952	
Ending Balance	\$22,266	\$39,830	\$33,138	\$36,634	\$23,548	\$43,318	\$9,558	\$4,854	\$34,748	\$26,688	\$10,313	\$31,451	

Qtr Totals	1st qtr	2nd qtr	3rd qtr	4th qtr
Beg Balance	\$74,799	\$52,591	\$61,928	\$47,092
Income	\$104,416	\$199,984	\$137,460	\$124,501
Expense	\$126,623	\$190,647	\$152,296	\$140,142
Ending Balance	\$52,591	\$61,928	\$47,092	\$31,451

Accreditation													
Chase	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Beg Balance	\$19,286	\$18,107	\$16,033	\$16,033	\$10,996	\$4,209	\$19,831	\$22,122	\$19,450	\$13,183	\$9,912	\$7,707	
Income	\$0	\$0	\$0	\$0	\$0	\$19,200	\$7,100	\$8,800	\$0	\$800	\$0	\$0	
Expense	\$1,179	\$2,074	\$0	\$5,037	\$6,786	\$3,579	\$4,809	\$11,472	\$6,267	\$4,071	\$2,205	\$7,707	
Ending Balance	\$18,107	\$16,033	\$16,033	\$10,996	\$4,209	\$19,831	\$22,122	\$19,450	\$13,183	\$9,912	\$7,707	\$0	

Boone	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Beg Balance								\$0	\$50	\$50	\$50	\$40	
Income								\$50	\$0	\$0	\$0	\$17,519	
Expense								\$0	\$0	\$0	\$10	\$2,991	
Ending Balance								\$50	\$50	\$50	\$40	\$14,568	

Qtr Totals	1st	2nd	3rd	4th
Beg Balance	\$19,286	\$16,033	\$19,831	\$13,233
Income	\$0	\$19,200	\$15,951	\$18,319
Expense	\$3,253	\$15,402	\$22,548	\$16,984
Ending Balance	\$16,033	\$19,831	\$13,233	\$14,568

Foundation													
Boone	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Beg Balance	\$20,634	\$16,134	\$8,634	\$4,164	\$4,109	\$5,006	\$3,519	\$4,094	\$4,094	\$4,094	\$4,094	\$4,294	
Income	\$0	\$0	\$0	\$0	\$10,197	\$0	\$575	\$0	\$0	\$0	\$200	\$0	
Expense	\$4,500	\$7,500	\$4,470	\$55	\$9,300	\$1,487	\$0	\$0	\$0	\$0	\$0	\$0	
Ending Balance	\$16,134	\$8,634	\$4,164	\$4,109	\$5,006	\$3,519	\$4,094	\$4,094	\$4,094	\$4,094	\$4,294	\$4,294	

Qtr Totals	1st	2nd	3rd	4th
Beg Balance	\$20,634	\$4,164	\$3,519	\$4,094
Income	\$0	\$10,197	\$575	\$200
Expense	\$16,470	\$10,842	\$0	\$0
Ending Balance	\$4,164	\$3,519	\$4,094	\$4,294

General												
Boone Co	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Beg Balance	\$31,450.83	\$23,537.64	\$28,433.11	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43
Income	\$74,145.10	\$36,328.05	\$43,025.79									
Expense	\$82,058.29	\$31,432.58	\$35,015.47									
Ending Balance	\$23,537.64	\$28,433.11	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43

Qtr Totals	1st qtr	2nd qtr	3rd qtr	4th qtr
Beg Balance	\$31,450.83	\$36,443.43	\$36,443.43	\$36,443.43
Income	\$153,498.94	\$0.00	\$0.00	\$0.00
Expense	\$148,506.34	\$0.00	\$0.00	\$0.00
Ending Balance	\$36,443.43	\$36,443.43	\$36,443.43	\$36,443.43

Accreditation												
Boone	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Beg Balance	\$14,567.72	\$26,493.01	\$20,782.76	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30
Income	\$29,000.00	\$0.00	\$0.00									
Expense	\$17,074.71	\$5,710.25	\$2,714.46									
Ending Balance	\$26,493.01	\$20,782.76	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30

Qtr Totals	1st	2nd	3rd	4th
Beg Balance	\$14,567.72	\$18,068.30	\$18,068.30	\$18,068.30
Income	\$29,000.00	\$0.00	\$0.00	\$0.00
Expense	\$25,499.42	\$0.00	\$0.00	\$0.00
Ending Balance	\$18,068.30	\$18,068.30	\$18,068.30	\$18,068.30

Foundation												
Boone	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Beg Balance	\$4,292.25	\$4,292.29	\$4,292.33	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37
Income	\$0.04	\$0.04	\$0.04									
Expense	\$0.00	\$0.00	\$0.00									
Ending Balance	\$4,292.29	\$4,292.33	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37	\$4,292.37




Qtr Totals	1st	2nd	3rd	4th
Beg Balance	\$4,292.25	\$4,292.37	\$4,292.37	\$4,292.37
Income				
Expense				
Ending Balance	\$4,292.25	\$4,292.37	\$4,292.37	\$4,292.37

\*Chase General Account closed June 30, 2014.

**Account Summary as of September 30, 2014**

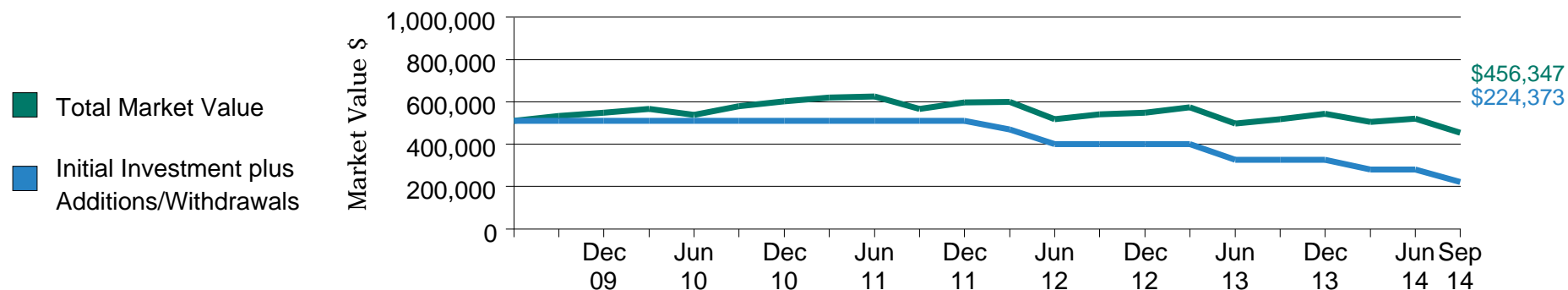
**Asset Categories as of 09/30/14**



<b>Asset Category</b>	<b>Market Value</b>	<b>% of Total Portfolio</b>
 Equities	\$228,449	50.1%
 Fixed Income	223,387	48.9
 Cash and Money Market	4,511	1.0
<b>Your Total Portfolio</b>	<b>\$456,347</b>	<b>100.0%</b>

Portfolio Growth through September 30, 2014

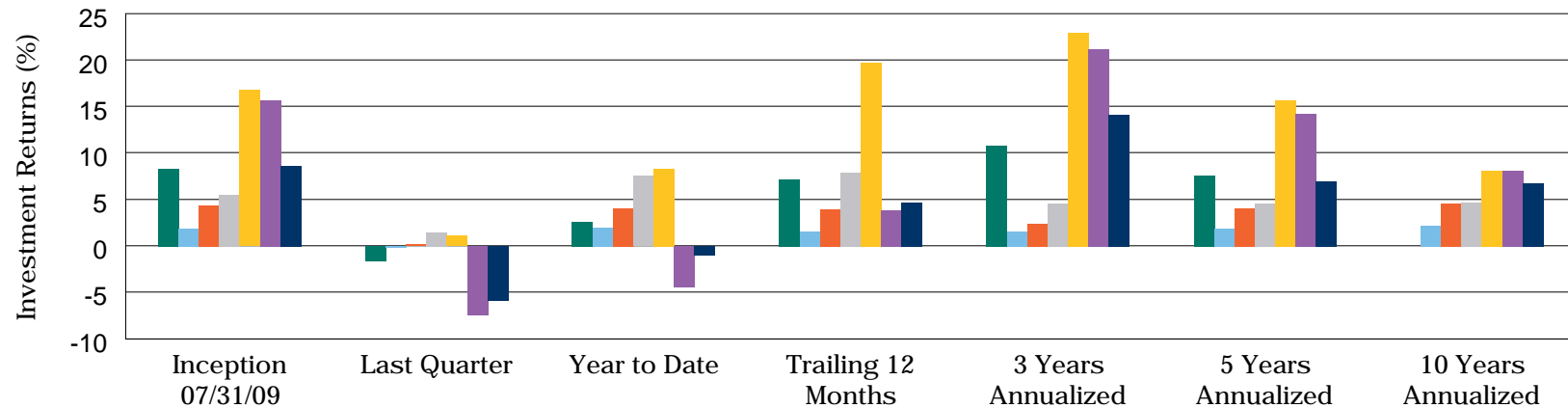
Inception Date 07/31/09  
Inception Value \$512,373



	Since Inception	Last Quarter	Year to Date	Trailing 12 Months	3 Years	5 Years	10 Years
Beginning Market Value	512,373	522,051	544,776	521,674	569,952	536,454	n/a
Additions/Withdrawals	(288,000)	(58,000)	(103,000)	(103,000)	(288,000)	(288,000)	n/a
*Gain/Loss - Net of Fees	231,974	(7,704)	14,571	37,673	174,395	207,893	n/a
Ending Market Value	456,347	456,347	456,347	456,347	456,347	456,347	n/a
*Advisory Solutions Fee		1,649	5,041	6,741			

\*Gain/Loss is shown net of any internal expenses of mutual funds and ETFs held in the account and net of fees paid from this account to Edward Jones including the Advisory Solutions Fee. See "Fee Information" in the Disclosures for further information.

Portfolio Performance vs. Market Indices through September 30, 2014

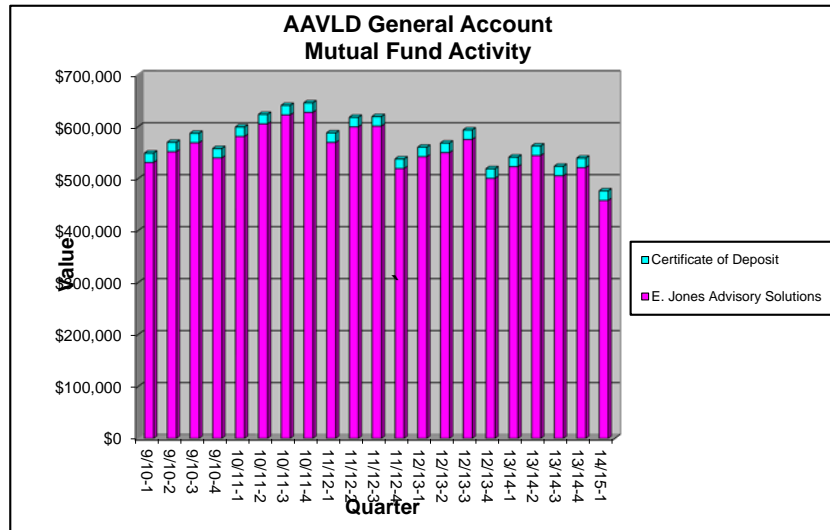


	Since Inception Annualized**	Last Quarter	Year to Date	Trailing 12 Months	3 Years Annualized	5 Years Annualized	10 Years Annualized
<span style="color: green;">■</span> Your Portfolio	8.36%	(1.57%)	2.68%	7.23%	10.83%	7.66%	n/a
<span style="color: lightblue;">■</span> US CPI (Inflation)*	1.94	(0.22)	2.05	1.57	1.58	1.95	2.28%
<span style="color: orange;">■</span> BarCap Aggregate (Taxable Fixed Income)	4.40	0.17	4.10	3.96	2.43	4.12	4.62
<span style="color: grey;">■</span> BarCap Municipal (Muni Fixed Income)	5.58	1.49	7.58	7.93	4.56	4.67	4.73
<span style="color: yellow;">■</span> S&P 500 Total (Large U.S. Equities)	16.77	1.13	8.34	19.73	22.99	15.70	8.11
<span style="color: purple;">■</span> Russell 2000 (Small U.S. Equities)	15.67	(7.36)	(4.40)	3.93	21.25	14.29	8.19
<span style="color: darkblue;">■</span> MSCI EAFE (International Equities)	8.70	(5.83)	(0.99)	4.70	14.16	7.04	6.80

\*The rate of inflation includes an estimated rate for the last month in the reporting periods. \*\*Returns of less than 12 months are not annualized.

AAVLD Fund	9/10-1	9/10-2	9/10-3	9/10-4	10/11-1	10/11-2	10/11-3	10/11-4	11/12-1	11/12-2	11/12-3	11/12-4	12/13-1	12/13-2	12/13-3	12/13-4	13/14-1	13/14-2	13/14-3	13/14-4	14/15-1
Certificate of Deposit	\$18,056	\$18,146	\$18,146	\$18,186	\$18,227	\$18,268	\$18,309	\$18,327	\$18,345	\$18,364	\$18,382	\$18,391	\$18,400	\$18,410	\$18,419	\$18,426	\$18,432	\$18,439	\$18,446	\$18,453	\$18,460
E. Jones Advisory Solutions	\$531,480	\$552,115	\$569,451	\$540,088	\$581,566	\$605,702	\$622,944	\$627,884	\$569,952	\$600,054	\$601,447	\$519,884	\$542,476	\$550,468	\$575,683	\$500,908	\$523,397	\$544,776	\$505,814	\$521,476	\$458,352
Total investment value	\$549,536	\$570,261	\$587,597	\$568,274	\$599,793	\$623,970	\$641,253	\$646,211	\$588,297	\$618,418	\$619,829	\$538,275	\$560,876	\$568,877	\$594,102	\$519,334	\$541,829	\$563,215	\$524,260	\$539,929	\$476,812

- \* Total of \$110K withdrawn from investments in 11-12
- \* Total of \$75K withdrawn from investments in 12-13
- \* Total of \$45k withdrawn from investment in 13-14
- \* 28K withdrawn from investment July 2014
- \* 30K withdrawn from investment Sept. 2014



Account Summary as of September 30, 2014

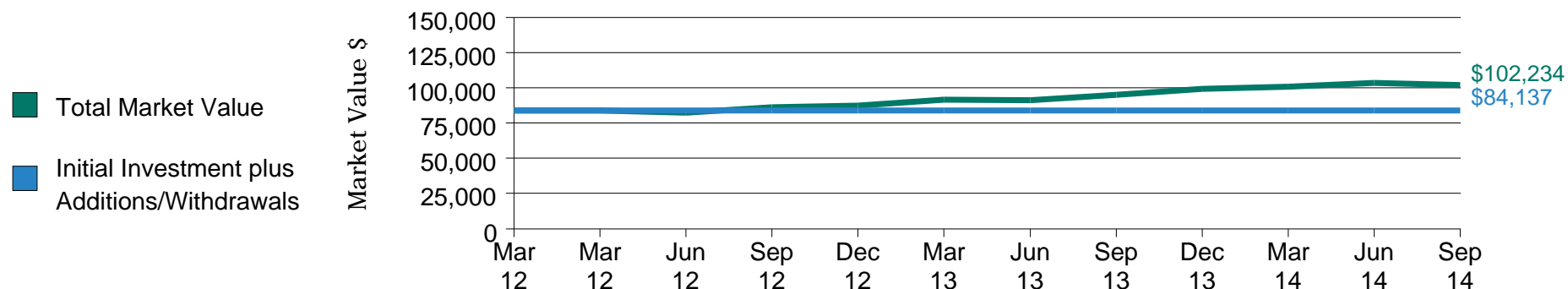
Asset Categories as of 09/30/14



Asset Category	Market Value	% of Total Portfolio
<span style="color: teal;">■</span> Equities	\$53,452	52.3%
<span style="color: orange;">■</span> Fixed Income	48,170	47.1
<span style="color: lightblue;">■</span> Cash and Money Market	612	0.6
<b>Your Total Portfolio</b>	<b>\$102,234</b>	<b>100.0%</b>

Portfolio Growth through September 30, 2014

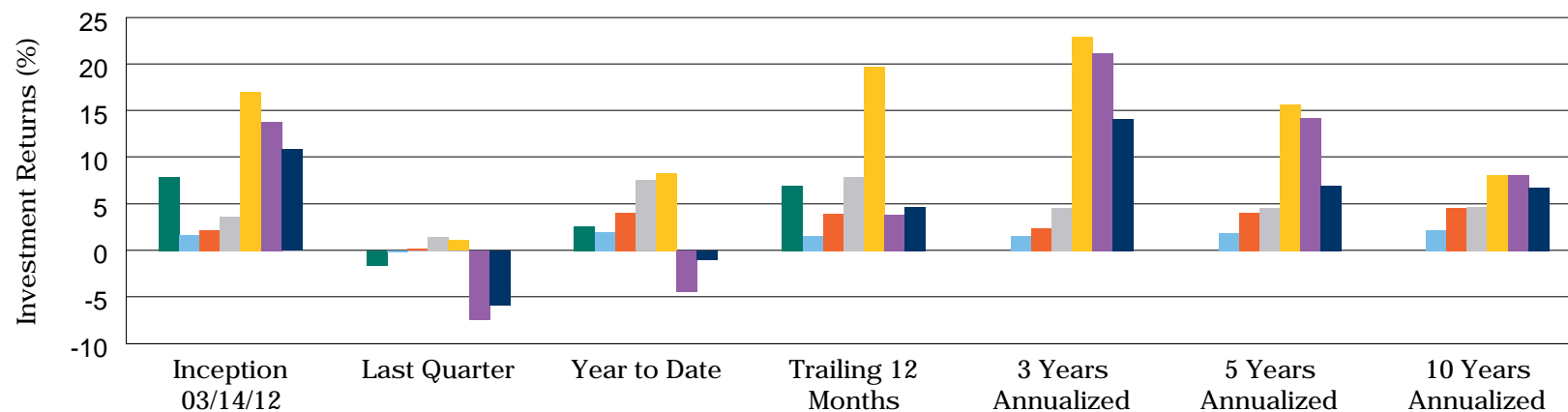
Inception Date 03/14/12  
Inception Value \$84,137



	Since Inception	Last Quarter	Year to Date	Trailing 12 Months	3 Years	5 Years	10 Years
Beginning Market Value	84,137	103,895	99,602	95,511	n/a	n/a	n/a
Additions/Withdrawals	0	0	0	0	n/a	n/a	n/a
*Gain/Loss - Net of Fees	18,097	(1,661)	2,632	6,723	n/a	n/a	n/a
Ending Market Value	102,234	102,234	102,234	102,234	n/a	n/a	n/a
*Advisory Solutions Fee		340	988	1,299			

\*Gain/Loss is shown net of any internal expenses of mutual funds and ETFs held in the account and net of fees paid from this account to Edward Jones including the Advisory Solutions Fee. See "Fee Information" in the Disclosures for further information.

Portfolio Performance vs. Market Indices through September 30, 2014

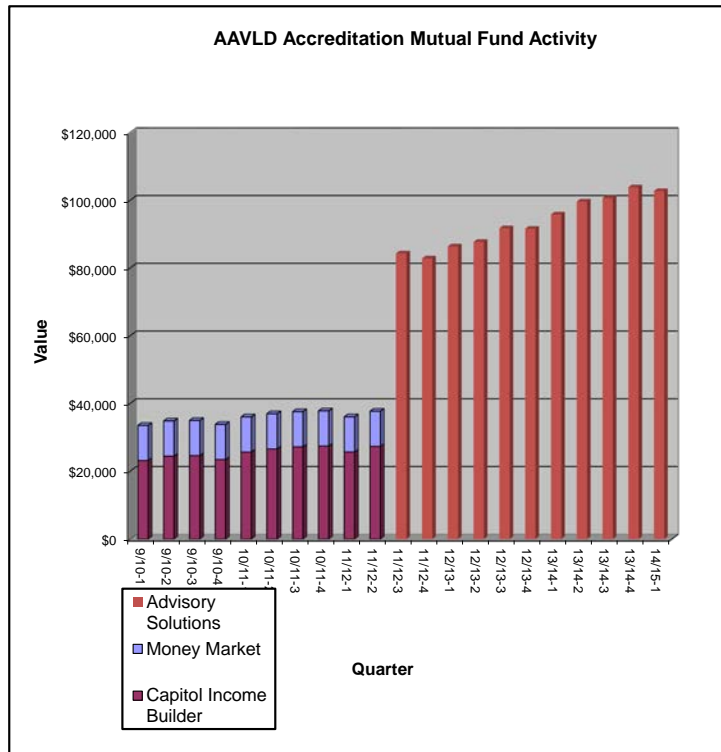


	Since Inception Annualized**	Last Quarter	Year to Date	Trailing 12 Months	3 Years Annualized	5 Years Annualized	10 Years Annualized
<span style="color: green;">■</span> Your Portfolio	7.95%	(1.60%)	2.64%	7.04%	n/a	n/a	n/a
<span style="color: lightblue;">■</span> US CPI (Inflation)*	1.69	(0.22)	2.05	1.57	1.58%	1.95%	2.28%
<span style="color: orange;">■</span> BarCap Aggregate (Taxable Fixed Income)	2.18	0.17	4.10	3.96	2.43	4.12	4.62
<span style="color: grey;">■</span> BarCap Municipal (Muni Fixed Income)	3.67	1.49	7.58	7.93	4.56	4.67	4.73
<span style="color: yellow;">■</span> S&P 500 Total (Large U.S. Equities)	17.07	1.13	8.34	19.73	22.99	15.70	8.11
<span style="color: purple;">■</span> Russell 2000 (Small U.S. Equities)	13.89	(7.36)	(4.40)	3.93	21.25	14.29	8.19
<span style="color: darkblue;">■</span> MSCI EAFE (International Equities)	10.88	(5.83)	(0.99)	4.70	14.16	7.04	6.80

\*The rate of inflation includes an estimated rate for the last month in the reporting periods. \*\*Returns of less than 12 months are not annualized.

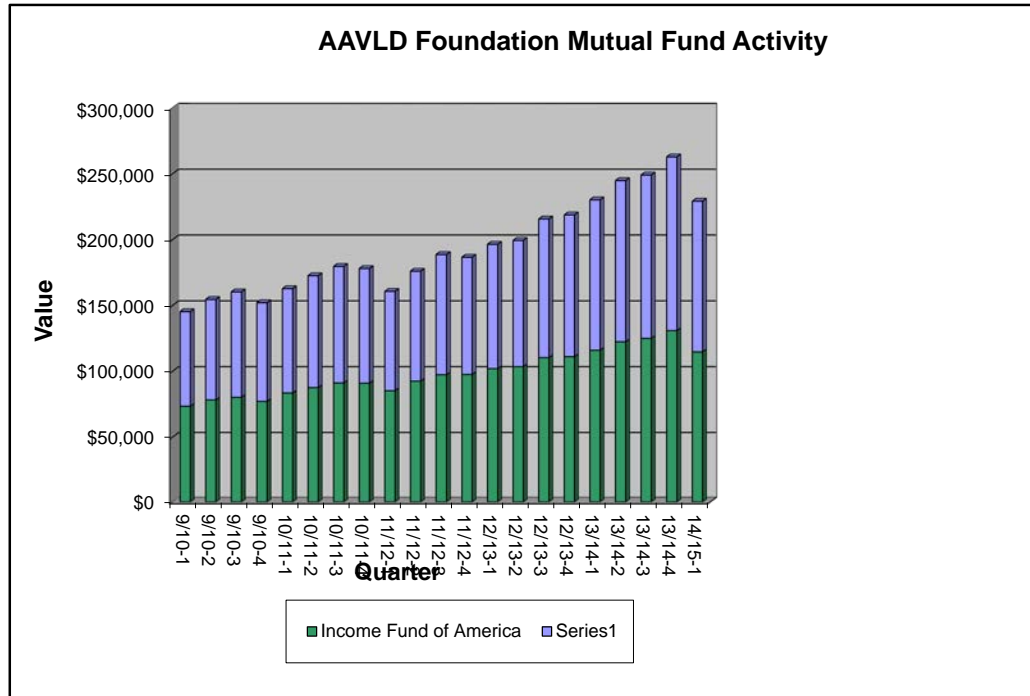
AAVLD Fund	9/10-1	9/10-2	9/10-3	9/10-4	10/11-1	10/11-2	10/11-3	10/11-4	11/12-1	11/12-2	11/12-3	11/12-4	12/13-1	12/13-2	12/13-3	12/13-4	13/14-1	13/14-2	13/14-3	13/14-4	14/15-1
Capitol Income Builder	\$23,146	\$24,455	\$24,598	\$23,446	\$25,655	\$26,573	\$27,201	\$27,422	\$25,674	\$27,333											
Money Market (Ed Jones)	\$10,370	\$10,371	\$10,371	\$10,371	\$10,371	\$10,371	\$10,371	\$10,372	\$10,372	\$10,372											
Advisory Solutions											\$84,265	\$82,811	\$86,377	\$87,696	\$91,717	\$91,584	\$95,810	\$99,602	\$100,653	\$103,819	\$102,695

\* \$45,000 added to investments on 3/14/12



AAVLD Fund	9/10-1	9/10-2	9/10-3	9/10-4	10/11-1	10/11-2	10/11-3	10/11-4	11/12-1	11/12-2	11/12-3	11/12-4	12/13-1	12/13-2	12/13-3	12/13-4	13/14-1	13/14-2	13/14-3	13/14-4	14/15-1
Income Fund of America	\$73,477	\$78,251	\$80,248	\$77,196	\$83,533	\$87,618	\$91,205	\$91,015	\$85,287	\$92,509	\$97,449	\$97,660	\$102,069	\$103,568	\$110,428	\$111,139	\$116,022	\$122,478	\$125,011	\$130,967	\$114,769
Franklin Mutual Beacon Fund	\$71,883	\$76,331	\$80,095	\$74,929	\$79,282	\$85,040	\$88,501	\$87,059	\$75,417	\$83,522	\$91,237	\$89,003	\$94,439	\$95,841	\$105,292	\$107,697	\$114,238	\$122,427	\$124,125	\$131,918	\$114,457
Total	\$145,360	\$154,582	\$160,343	\$152,125	\$162,815	\$172,658	\$179,707	\$178,075	\$160,705	\$176,030	\$188,686	\$186,663	\$196,508	\$199,409	\$215,720	\$218,836	\$230,260	\$244,905	\$249,136	\$262,885	\$229,226

\* 32K withdrawn from investment July 2014



## Committee Chair Conference Call

Via Conference Call

October 21, 2012

### Attendees:

#### **Sept. 24, 2014** – Catherine Barr

Tom Baldwin  
Rodger Main  
Tim Frana  
Lanny Pace  
Pat MacDonough  
Jerry Saliki  
Heather Simmons  
Deb Royal  
Ashley Hill  
Mary Bird  
Barb Powers  
Larry Thompson  
Tim Evans  
Sarah Tomlinson  
Randy Berghefer  
Bev Byrum  
Bill Layton  
Kathy Kurth  
Marie Culhane  
Jim Kistler  
Reda Ozuna

Staff -

#### **Sept. 25, 2014**- Catherine Barr

Christie Loiacono  
Hemant Naikare  
Rebecca Franklin  
Beate Crossley  
Dustin Loy  
Joey Kellum  
Sandy Rodgers  
Francois Elvinger  
Lisa Shipp  
Gary Anderson  
Kristy Pabilonia  
Shuping Zhang  
Kevin Snekvik

Jim Kistler

**Call To Order:** Sept. 24, 2014 at 1:00 pm CDT  
Sept. 25, 2014 at 11:00 am CDT

**New Business:** Dr. Catherine Barr called the meeting to order and took roll call. Dr. Barr then introduced the AAVLD Strategic Plan and reviewed with the committee chairs the expectations of committees as outlined in the AAVLD Bylaws and AAVLD Committee SOP.

Jim Kistler outlined the process by which the committees will review and provide comment on the strategic plan; in addition each committee will be expected to develop committee specific strategies to support the strategic plan and report to the Executive Board on actions taken in support of those strategies.

Dr. Barr opened the call to questions from the committee chairs and discussion followed.

**Adjournment:** The meeting was adjourned at 1:47 pm on Sept. 24.  
The meeting was adjourned at 11:36 am on Sept. 25.

jk

# **AAVLD Strategic Plan**

*Adopted July 31, 2014*

## **Vision**

The AAVLD is a world leader in advancing the discipline of veterinary diagnostic laboratory science to promote global animal health and One Health.

## **Mission**

The AAVLD promotes continuous improvement and public awareness of veterinary diagnostic laboratories by advancing the discipline of veterinary diagnostic laboratory science. The AAVLD provides avenues for education, communication, peer-reviewed publication, collaboration, outreach, and laboratory accreditation.

**Motto: Advancing veterinary diagnostic laboratory science**

## **Core values**

The AAVLD is committed to these core values:

- Continuous improvement
- Engagement of members
- Effective communication
- Collaboration
- Support of One Health

## **Goals**

1. Advocate for the role of veterinary diagnostic laboratories in global health
2. Foster the continuous improvement of diagnostic laboratory techniques and processes, personnel qualifications, and facilities
3. Promote the continued professional growth of members
4. Disseminate information concerning the diagnosis/monitoring of animal health and disease surveillance
5. Provide a formal accreditation process for veterinary medical diagnostic laboratories

## Strategies

### Goal 1. Advocate for the role of veterinary diagnostic laboratories in global health

Strategies		Actions
1.1	Promote awareness of the AAVLD and the expertise available through its accredited laboratories and individual members.	1.1.a Newsletter, social media and other communications regarding the importance of veterinary laboratory diagnostics 1.1.b. Seek opportunities to provide expert resources to media contacts in print, online and video outlets
1.2	Provide expert support and guidance to state and federal laboratories, USAHA, NAHLN, FERN, LRN, and professional animal health associations through our membership and our committees.	1.2 Promote expertise of AAVLD accreditation professionals to external audiences
1.3	Promote and grow the joint annual meeting with USAHA as an opportunity to disseminate scientific information and foster interaction in areas of overlapping interests nationally and internationally.	1.3 Promote annual meeting collaborations with like-minded national and international organizations.
1.4	Champion the participation of AAVLD laboratories in detection of diseases, food safety, environmental pathogen surveillance, bioterrorism detection, and emergency response.	1.4.a. Continued support and participation in the NAHLN.
1.5	Be actively involved in policy development concerning diagnostic laboratories and best practices	1.5.a Work for enhanced federal support for the NAHLN
1.6	Foster collaboration with allied organizations.	1.6.a. Liaise with like-minded organizations
1.7	Be actively involved in laboratory networks, and assist in providing routine testing services and support in surge capacity.	
1.8		

**Goal 2. Foster the continuous improvement of diagnostic laboratory techniques and processes, personnel qualifications, and facilities**

Strategies		Actions
2.1	Support the activities of AAVLD committees to foster continuous improvement in laboratory techniques, programs and services.	2.1.a Encourage and support pre-symposia and <del>special</del> sessions on special topics with current implications. 2.1.b
2.2	Encourage and promote engagement of members, committees, and the Executive Board in supporting the Vision and Mission of AAVLD.	2.2.a Highlight the strategic plan in electronic communications, online communications, committee communications and at the annual meeting. 2.2.b. Focus committee work on the Mission, Vision, Core Values and Goals of the AAVLD. 2.2.c.
2.3	Communicate with members regarding One Health needs and opportunities, and encourage research and development of diagnostic laboratory techniques and processes nationally and internationally.	<u>2.3a Promote participation in various nationally coordinated diagnostic laboratory associations (National Animal Health Laboratory Network – NAHLN; Food Emergency Response Network - FERN; for example)</u>
2.4	Advocate for an adequate supply of a well-trained veterinary laboratory workforce with the knowledge and skills required to meet societal needs.	2.34.a. Promote surveillance of laboratory workforce needs and engage in activities designed to influence policy and actions to meet future needs.
2.5	Explore establishing regional and student chapters of AAVLD at veterinary colleges.	2.4-5a Each <del>EB-laboratory director member</del> to propose the formation of student chapters of the AAVLD at their veterinary college/ school/ department.

**Goal 3. Promote the continued professional growth of members**

<b>Strategies</b>		<b>Actions</b>
3.1	Ensure <del>the</del> continued organizational viability and relevance of the AAVLD to members, potential members and customers.	3.1.a. Develop a membership and communications strategy 3.1.b. Revisit marketing initiatives for AAVLD. 3.1.c. Review AAVLD committee protocols and processes, and the effectiveness of committees in advancing the objectives of AAVLD. 3.1.d.
3.2	Organize and continually improve opportunities for continuing education, exchange of ideas, and the interaction of diagnostic professionals.	3.2.a Promote and enhance the Annual Conference with the potential for recognized CE credits 3.2.b. Seek out opportunities to collaborate with other agencies and organizations on scientific issues 3.2.c. Promote the Foundation and the opportunities it provides for the participation of professional and technical staff in the sharing of scientific data and techniques.
3.3	Ensure that members are aware of opportunities to participate in AAVLD committees.	3.3.a. New member orientation to committee participation 3.3.b. Newsletter announcements 3.3.c.
3.4	Promote quality programs through publications and committee activities to provide sharing of new information and best practices on quality systems.	3.4 Encourage publication of articles in the Journal of Veterinary Diagnostic Investigation (JVDI) and other appropriate forums related to laboratory quality programs and outcomes of continuous improvement initiatives.
3.5	Explore <u>re</u> -establishing regional meetings of AAVLD to facilitate networking and sharing of information.	<u>3.5 Consider suitability of partial Foundation support for regional activities</u>
3.6	Promote the development, validation, and implementation of improved and standardized diagnostic tests and communicate the same through the AAVLD.	3.6.a. Promote committee work within designated disciplines to enhance the abilities of that discipline 3.6.b.

**Goal 4. Disseminate information concerning the diagnosis/monitoring of animal health and disease surveillance**

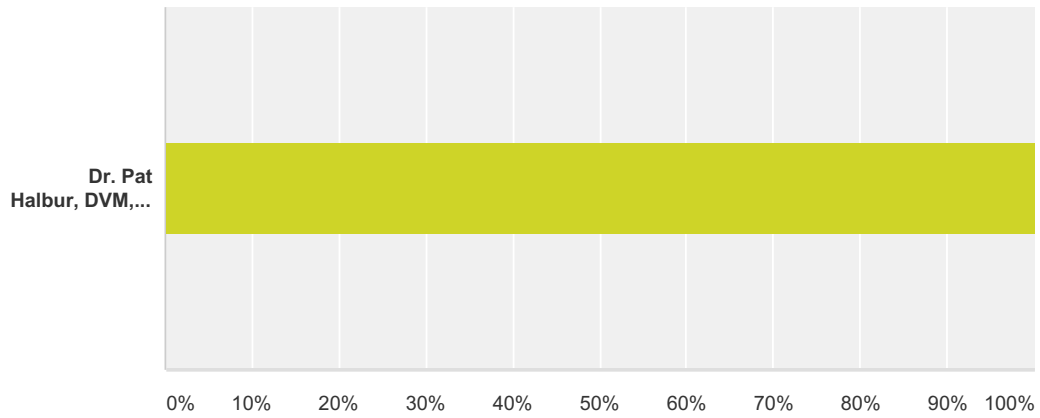
<b>Strategies</b>		<b>Actions</b>
4.1	Promote publication in the JVDI to provide scientific data to members and seek to enhance JVDI's impact factor and international profile.	4.1
4.2	Improve the usability and functionality of the AAVLD website.	4.2
4.3	Maintain and promote activity on AAVLD listserves or other platforms for exchange of information between members and with other organizations.	4.3
4.4	Explore establishing student chapters of AAVLD at veterinary colleges.	<a href="#">4.4 Echoes 2.5</a>
4.5	Enhance and improve the use of technology to provide information to members and non-members regarding veterinary diagnostics and animal and human health	4.5.a. Continue enhancing the usability of the mobile <a href="#">meeting</a> app and promoting its use among members.

**Goal 5. Provide a formal accreditation process for veterinary medical diagnostic laboratories**

<b>Strategies</b>		<b>Actions</b>
5.1	Continue to review, enhance and maintain recognition of AAVLD accreditation, in order to ensure continued national and international acceptance of work performed at AAVLD accredited laboratories.	5.1 Encourage non-accredited publically supported veterinary diagnostic labs in North America to become AAVLD accredited.
5.2	Promote the development, validation, and implementation of improved and standardized diagnostic tests through the AAVLD accreditation process.	5.2 Messages from the chairs of the Accreditation Committee and discipline committees.
5.3	Encourage AAVLD committees to prepare Guideline Documents in their specialties to assist laboratories in meeting accreditation requirements.	5.3 Messages from the chairs of the Accreditation Committee and discipline committees.
5.4	Enhance the effectiveness of AAVLD's Accreditation Committee through the use of technology and staff resources	5.4.a. Develop and improve an automated document handling process. 5.4.b. Develop and improve an automated communications and archiving system for use by the Accreditation audit professionals and customers. 5.4.c. Ensure Accreditation Committee and audit professionals have appropriate resources through staff to perform effectively.
5.5	Ensure effective communications among the Accreditation Committee, the Quality Assurance Committee, laboratory directors, and quality managers.	5.4 Continue an annual or biennial QA Symposium

### Q1 Please make your selection for AAVLD Vice President.

Answered: 141 Skipped: 4

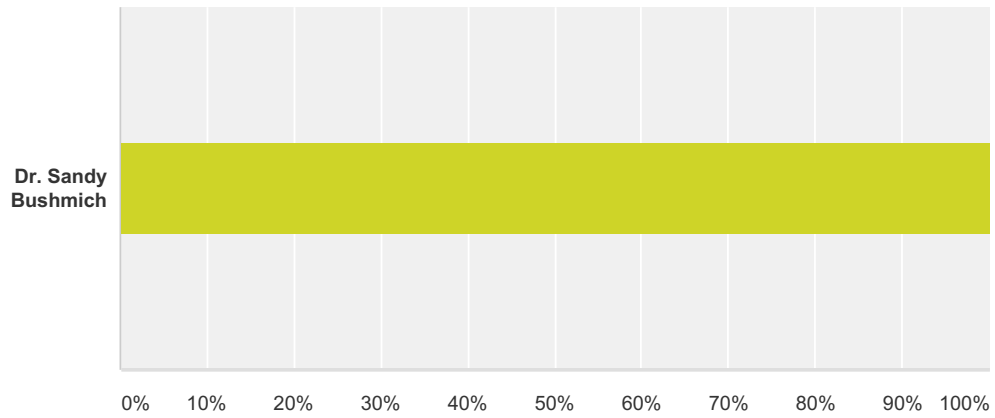


Answer Choices	Responses
Dr. Pat Halbur, DVM, MS, PhD	100.00% 141
<b>Total</b>	<b>141</b>

#	Other (please specify)	Date
1	Lanny Pace	8/11/2014 8:43 AM
2	Pat Blanchard	8/8/2014 5:25 AM
3	need a candidate nominayors	8/8/2014 4:28 AM
4	Paco UZal	8/7/2014 3:53 PM

### Q1 Please vote and make your selection for AAVLD NorthEast Region Representative

Answered: 21 Skipped: 1

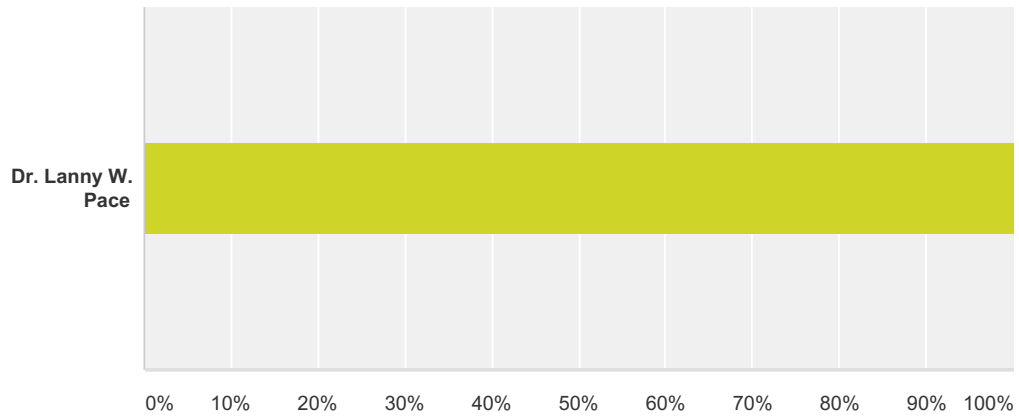


Answer Choices	Responses
Dr. Sandy Bushmich	100.00% 21
<b>Total</b>	<b>21</b>

#	Other (please specify)	Date
1	Belinda Thompson	8/7/2014 6:39 PM

### Q1 Please vote and make your selection for AAVLD SouthEast Region Representative

Answered: 40 Skipped: 0

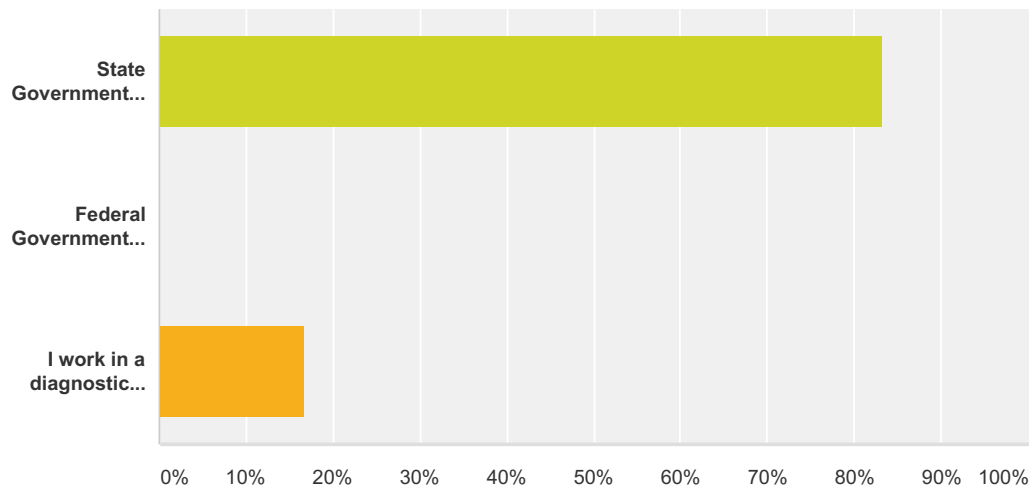


Answer Choices	Responses
Dr. Lanny W. Pace	100.00% 40
<b>Total</b>	<b>40</b>

#	Other (please specify)	Date
	There are no responses.	

### Q1 What is the category of your employment?

Answered: 30 Skipped: 1

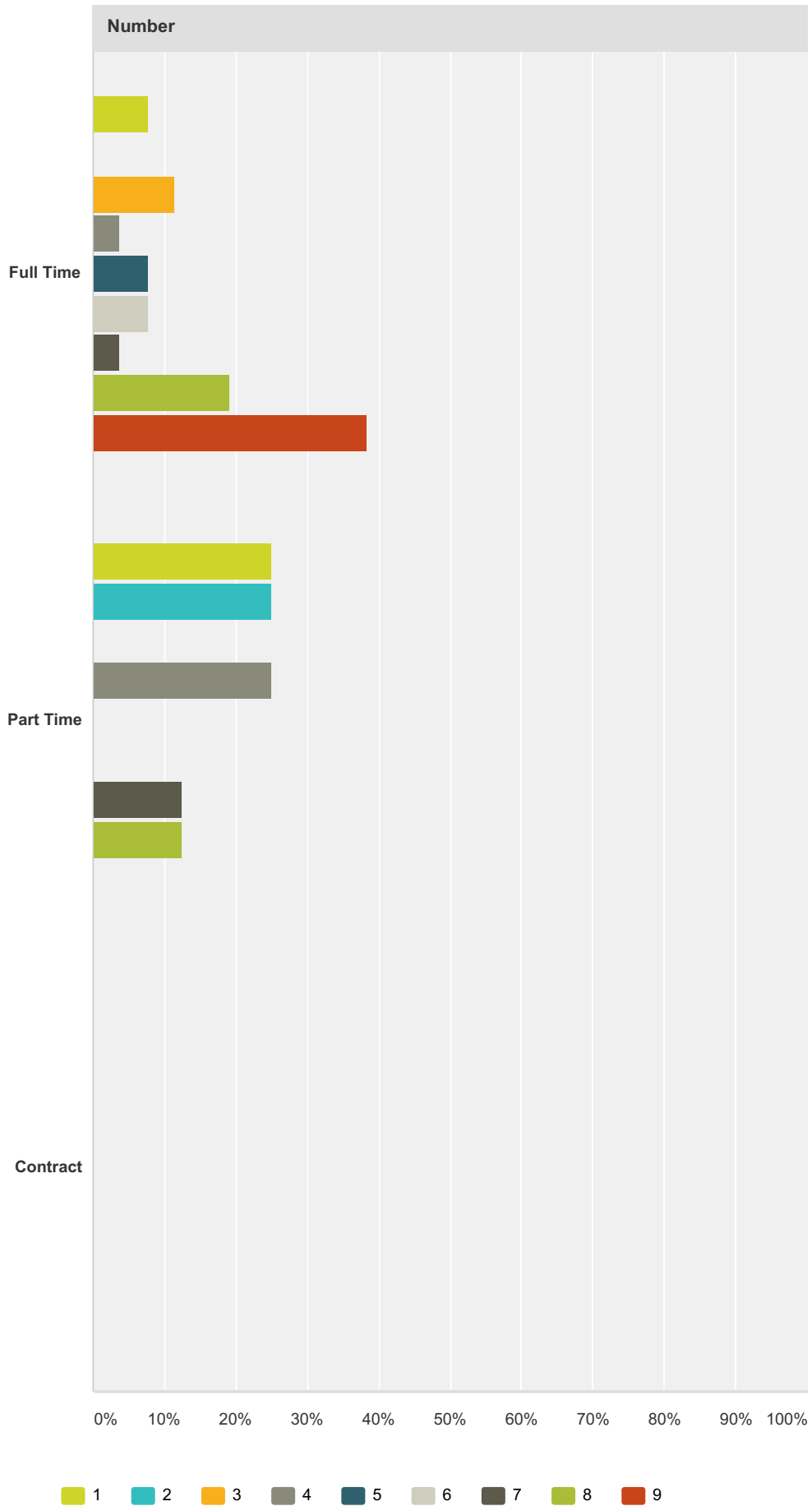


Answer Choices	Responses
State Government Diagnostic Laboratory	83.33% 25
Federal Government Diagnostic Laboratory	0.00% 0
I work in a diagnostic laboratory but am not employed by any government entity	16.67% 5
<b>Total</b>	<b>30</b>

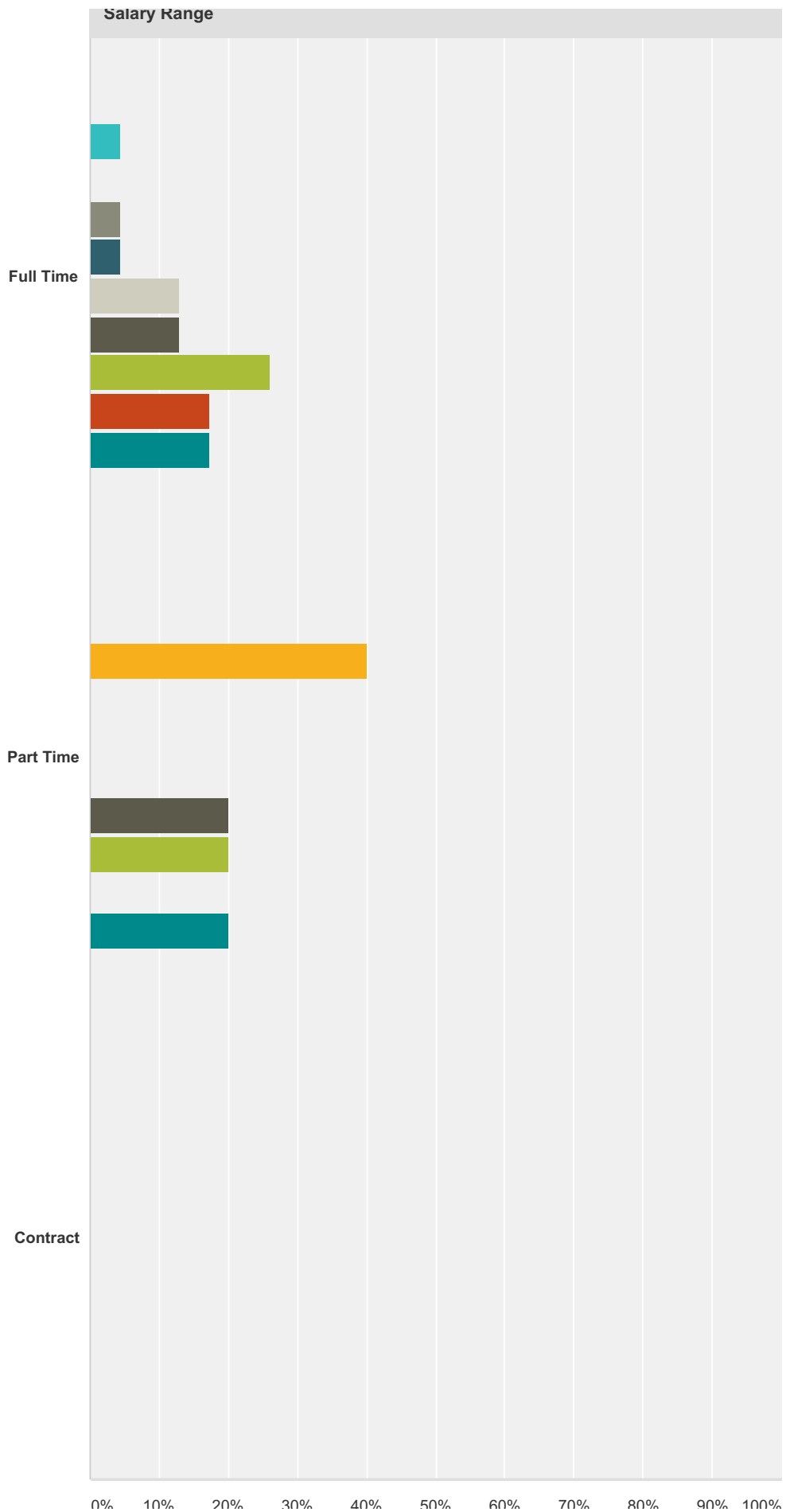
#	If not state-employed, please specify your employer	Date
1	University	9/17/2014 10:11 AM
2	university	8/13/2014 9:02 AM
3	University-based Diagnostic Laboratory	7/15/2014 11:26 AM
4	State supported university lab	7/15/2014 9:41 AM

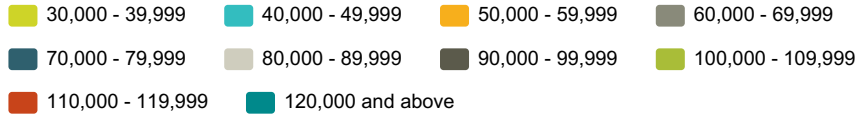
**Q2 What is the number of full time, part time and contract veterinarians employed in your laboratory? What is the salary range for each? If there is more than one salary range in any category, please use the text box to elaborate.**

Answered: 29 Skipped: 2



1 2 3 4 5 6 7 8 9





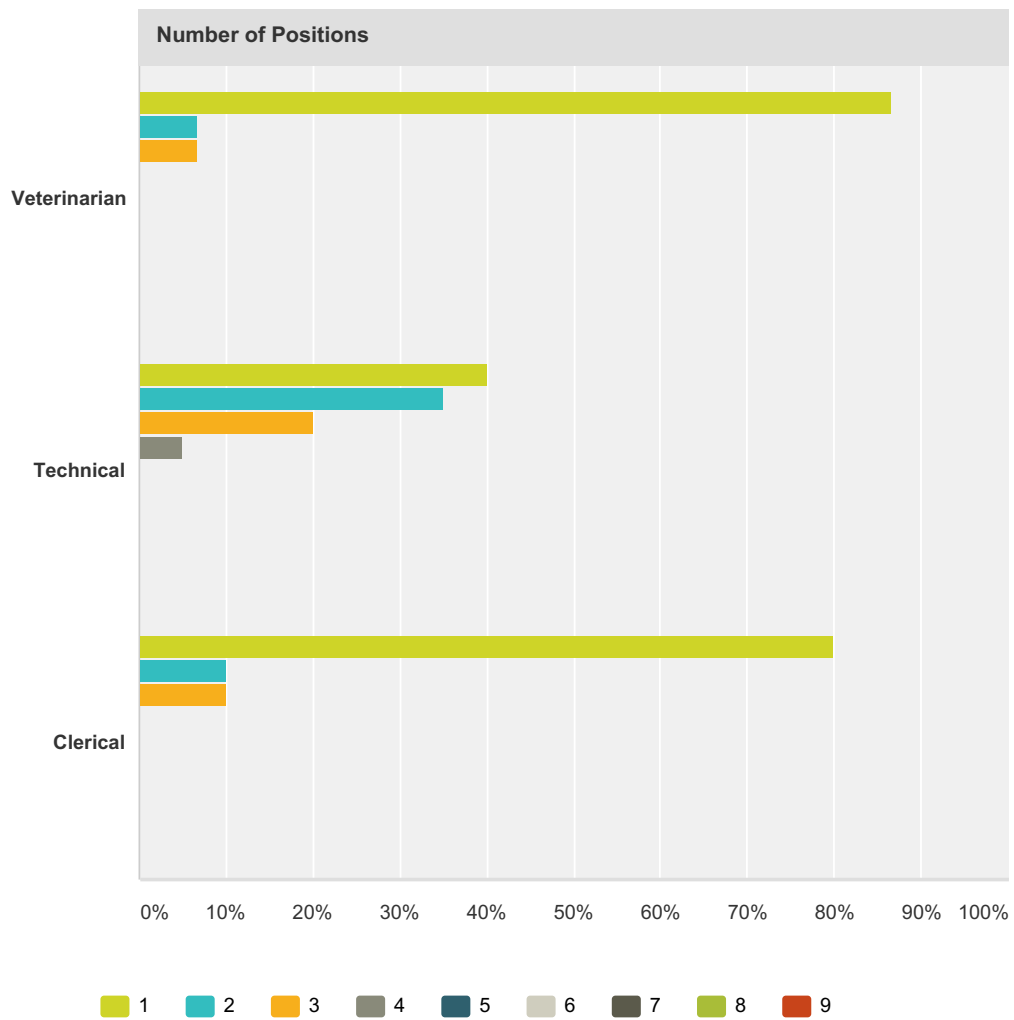
Number										
	1	2	3	4	5	6	7	8	9	Total
Full Time	7.69% 2	0.00% 0	11.54% 3	3.85% 1	7.69% 2	7.69% 2	3.85% 1	19.23% 5	38.46% 10	26
Part Time	25.00% 2	25.00% 2	0.00% 0	25.00% 2	0.00% 0	0.00% 0	12.50% 1	12.50% 1	0.00% 0	8
Contract	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0

Salary Range											
	30,000 - 39,999	40,000 - 49,999	50,000 - 59,999	60,000 - 69,999	70,000 - 79,999	80,000 - 89,999	90,000 - 99,999	100,000 - 109,999	110,000 - 119,999	120,000 and above	Total
Full Time	0.00% 0	4.35% 1	0.00% 0	4.35% 1	4.35% 1	13.04% 3	13.04% 3	26.09% 6	17.39% 4	17.39% 4	23
Part Time	0.00% 0	0.00% 0	40.00% 2	0.00% 0	0.00% 0	0.00% 0	20.00% 1	20.00% 1	0.00% 0	20.00% 1	5
Contract	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0

#	Other (please specify)	Date
1	Part-time \$65-140K	9/23/2014 1:37 PM
2	I am not privy to salary information	9/22/2014 10:31 AM
3	Two are post-DVM pathology residents	9/22/2014 9:21 AM
4	range is midrange with full professors 1-2 ranges above and	9/22/2014 9:14 AM
5	we employ 21 veterinarians, all full time. salary range is \$100,000 - \$130,000	8/8/2014 6:26 PM
6	range 80,000 to 120,000 and above. # full time actually is 11.	8/8/2014 6:10 PM
7	We have 11 veterinarians, Salary range \$80K - \$180K	8/8/2014 3:49 PM
8	13 part time (joint appointment), salary range \$90K - \$200K for full salary	7/15/2014 11:26 AM
9	Our 4 lab system employs 16 full time veterinarians. Salaries range from 60,000 - 127,000 dependent upon classification e.g. diagnostician, pathologist, microbiologist, or director	7/15/2014 10:15 AM
10	\$80,000 - \$180,000 depending on position	7/14/2014 4:09 PM

### Q3 What is (are) the number of unfilled positions in the following categories?

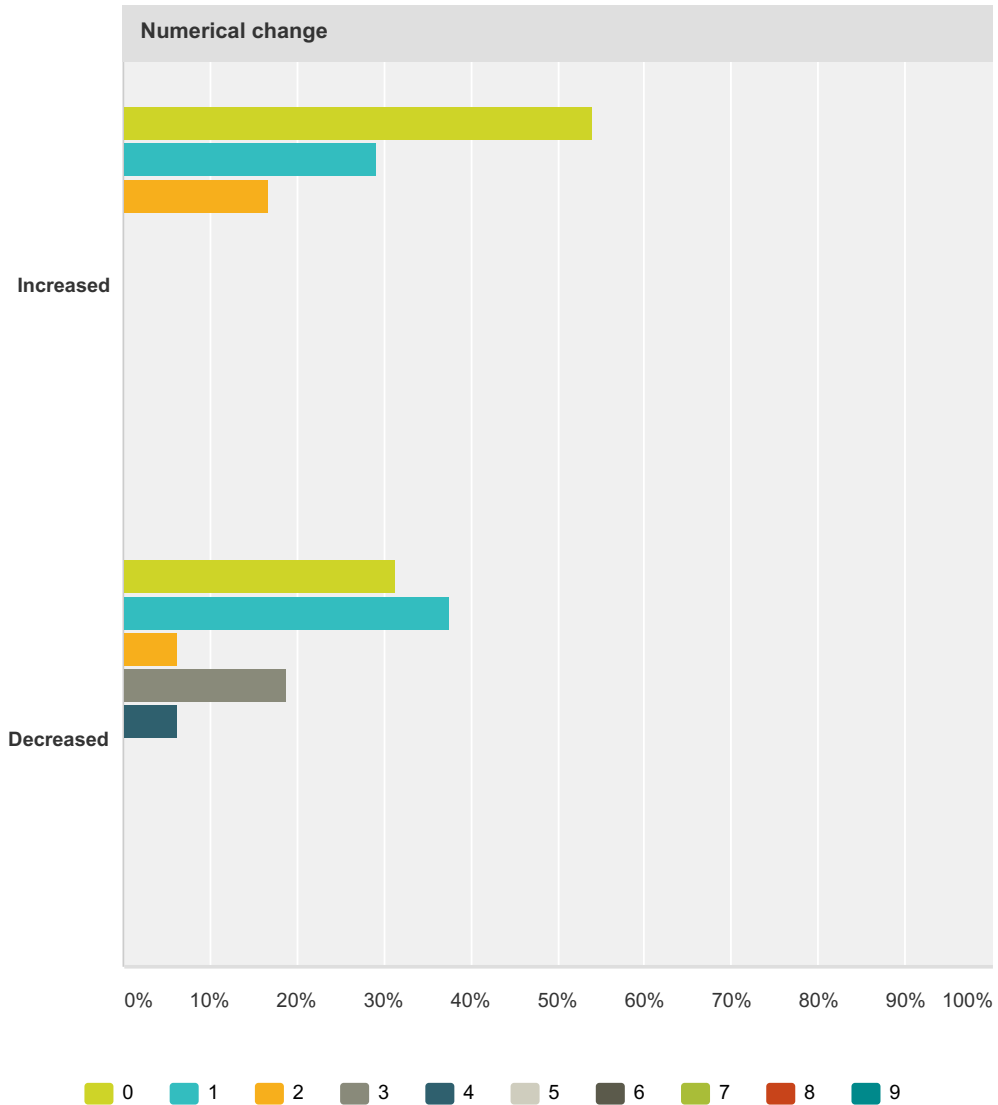
Answered: 25 Skipped: 6



Number of Positions										
	1	2	3	4	5	6	7	8	9	Total
Veterinarian	86.67% 13	6.67% 1	6.67% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	15
Technical	40.00% 8	35.00% 7	20.00% 4	5.00% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	20
Clerical	80.00% 8	10.00% 1	10.00% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	10

**Q4 What is the cumulative change in your veterinarian workforce since 2009? If there has not been any cumulative change, please indicate "zero" under the drop down menu next to 'increased'.**

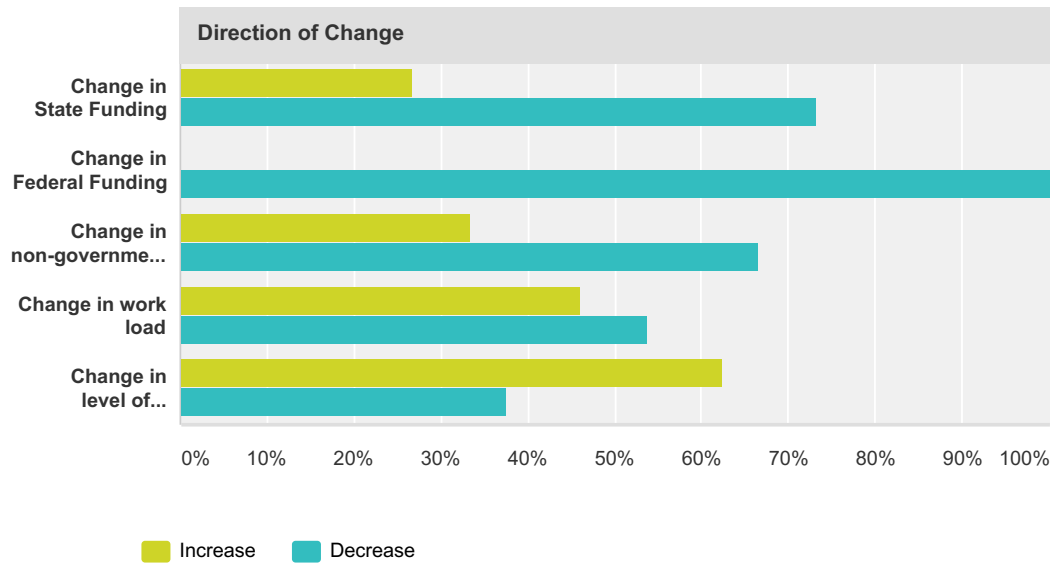
Answered: 31 Skipped: 0



Numerical change											
	0	1	2	3	4	5	6	7	8	9	Total
Increased	54.17% 13	29.17% 7	16.67% 4	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	24
Decreased	31.25% 5	37.50% 6	6.25% 1	18.75% 3	6.25% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	16

### Q5 If you have experienced a cumulative change in your veterinary workforce, to what do you attribute this change?

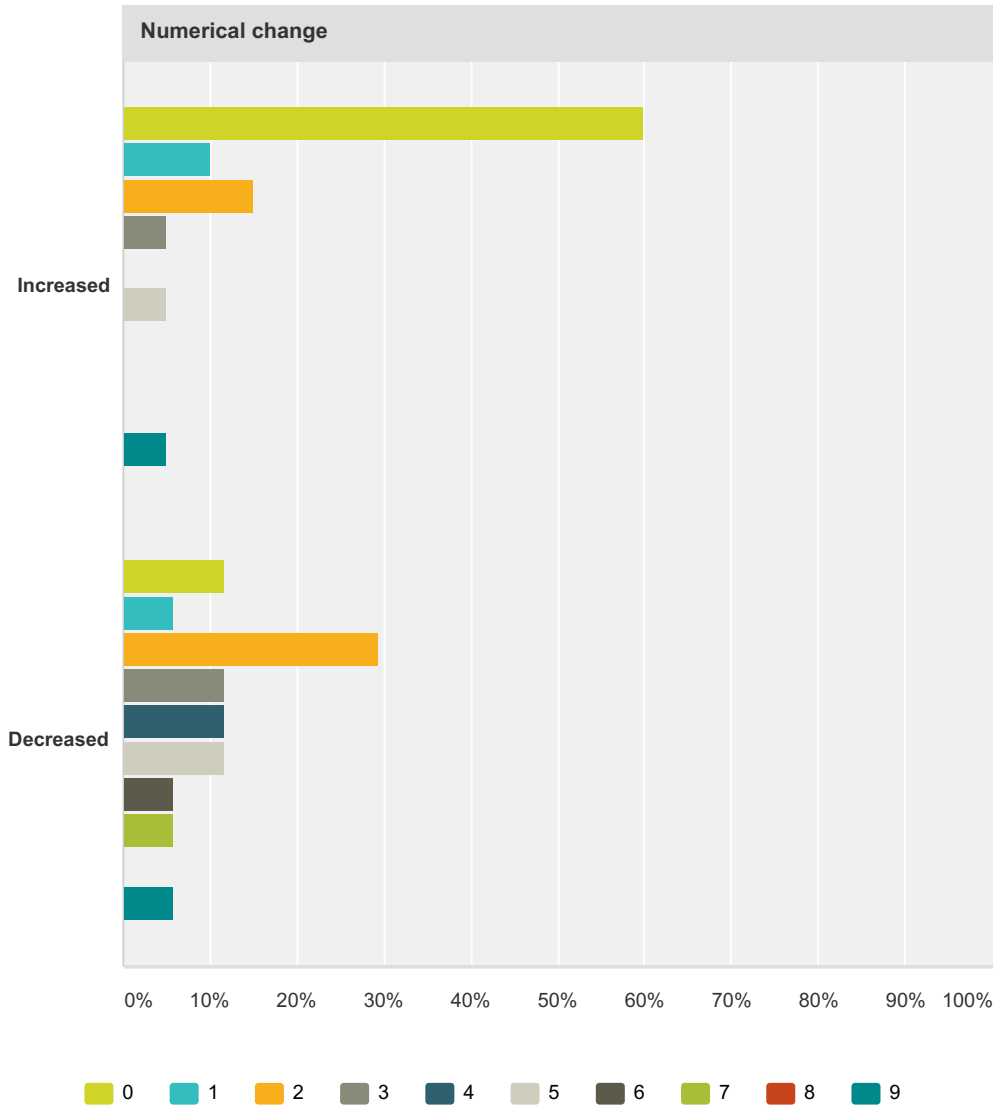
Answered: 22 Skipped: 9



Direction of Change			
	Increase	Decrease	Total
Change in State Funding	26.67% 4	73.33% 11	15
Change in Federal Funding	0.00% 0	100.00% 7	7
Change in non-government funding	33.33% 3	66.67% 6	9
Change in work load	46.15% 6	53.85% 7	13
Change in level of disease control / eradication efforts	62.50% 5	37.50% 3	8

**Q6 What is the cumulative change in your technician workforce since 2009? If there has not been any cumulative change, please indicate "zero" under the drop down menu next to 'increased'.**

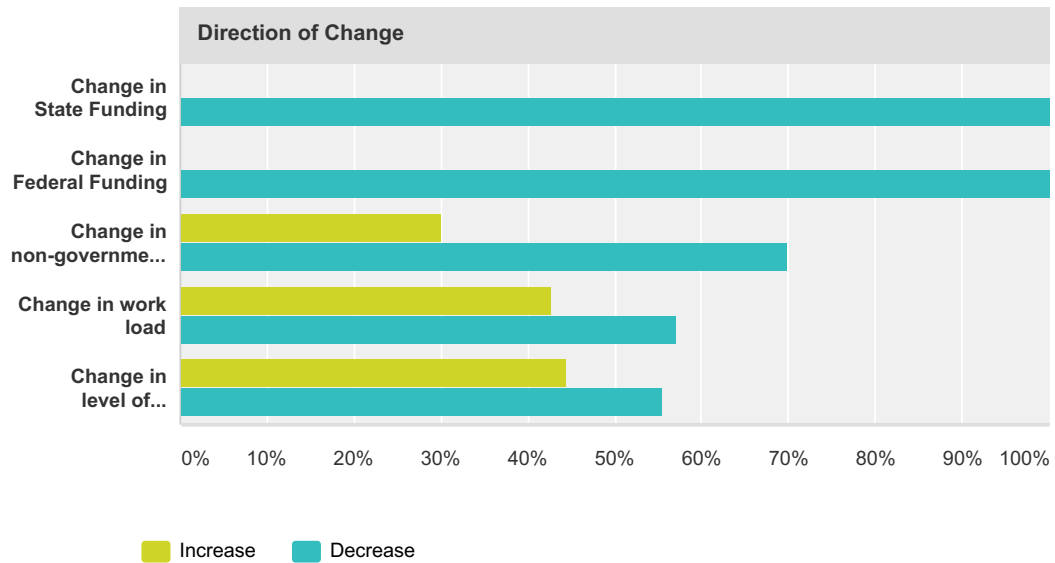
Answered: 31 Skipped: 0



Numerical change											
	0	1	2	3	4	5	6	7	8	9	Total
Increased	60.00% 12	10.00% 2	15.00% 3	5.00% 1	0.00% 0	5.00% 1	0.00% 0	0.00% 0	0.00% 0	5.00% 1	20
Decreased	11.76% 2	5.88% 1	29.41% 5	11.76% 2	11.76% 2	11.76% 2	5.88% 1	5.88% 1	0.00% 0	5.88% 1	17

### Q7 If you have experienced a cumulative change in your technician workforce, to what do you attribute this change?

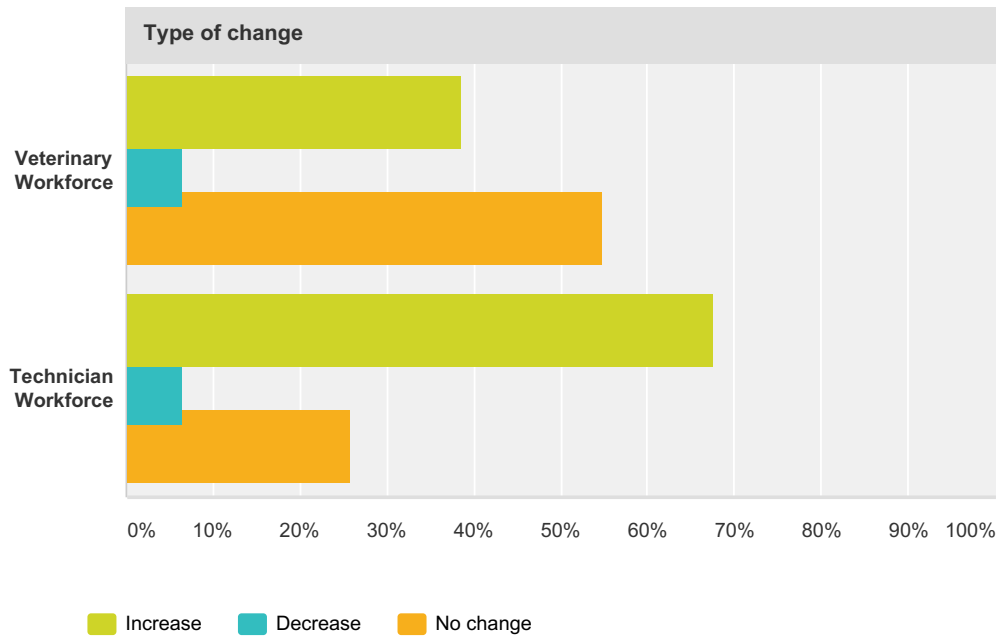
Answered: 23 Skipped: 8



Direction of Change			
	Increase	Decrease	Total
Change in State Funding	0.00% 0	100.00% 15	15
Change in Federal Funding	0.00% 0	100.00% 10	10
Change in non-government funding	30.00% 3	70.00% 7	10
Change in work load	42.86% 6	57.14% 8	14
Change in level of disease control / eradication efforts	44.44% 4	55.56% 5	9

### Q8 Over the next five years, do you expect your veterinary and technician workforce levels to change? If so, how?

Answered: 31 Skipped: 0



Type of change				
	Increase	Decrease	No change	Total
Veterinary Workforce	38.71% 12	6.45% 2	54.84% 17	31
Technician Workforce	67.74% 21	6.45% 2	25.81% 8	31

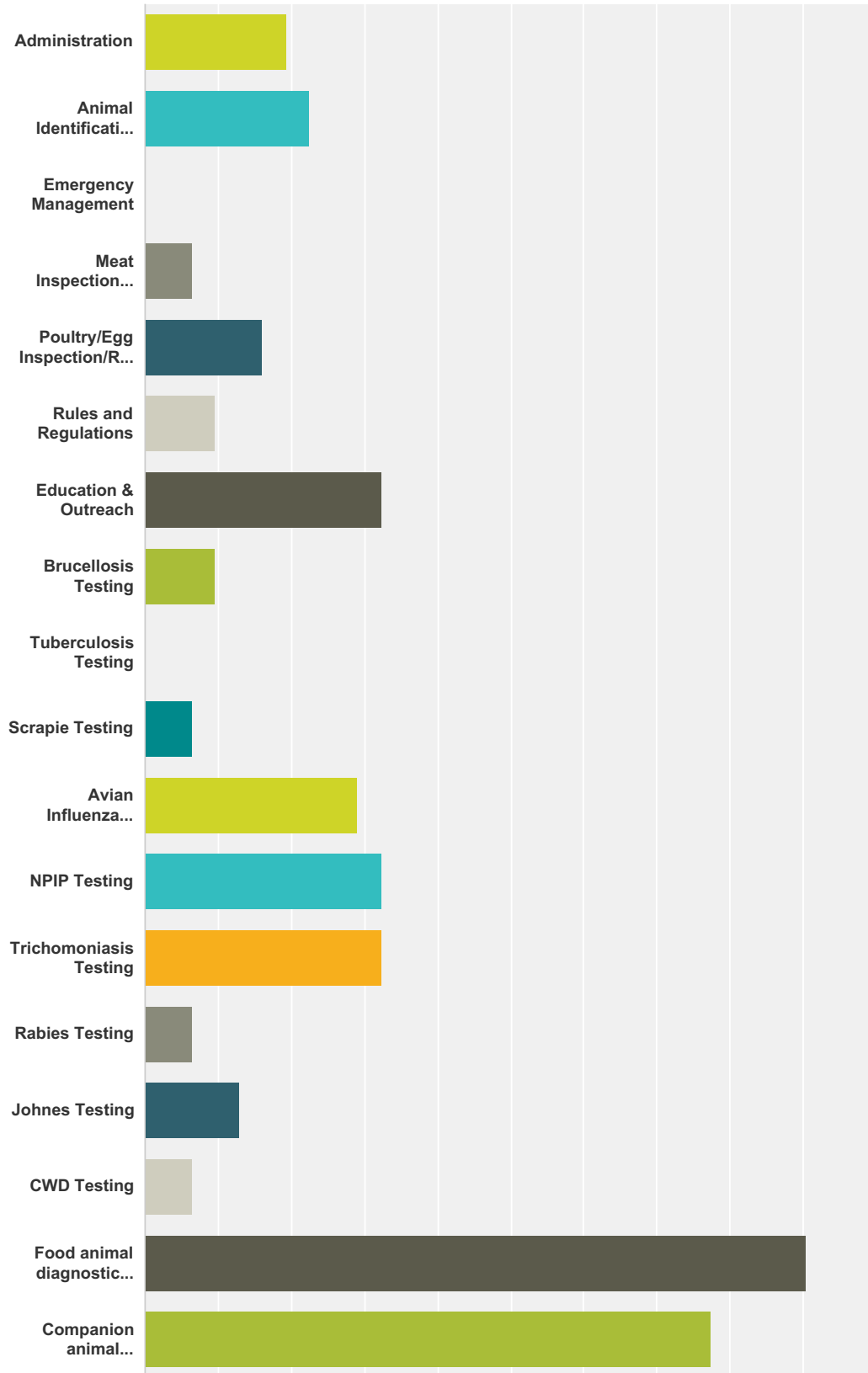
### Q9 What is the total budget for your laboratory for the most recently completed fiscal year?

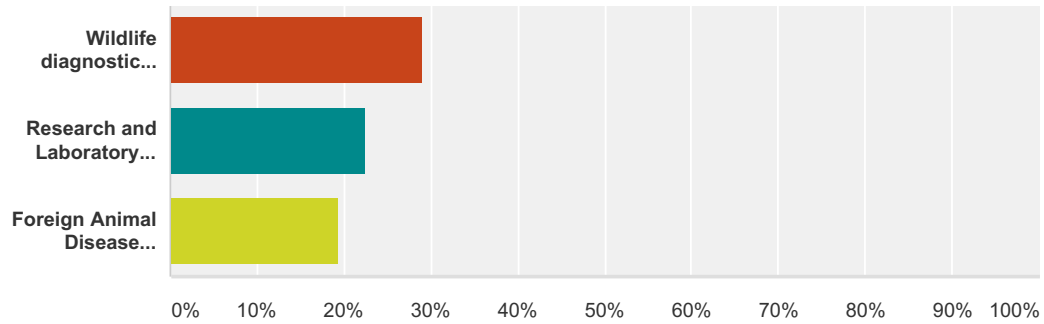
Answered: 24 Skipped: 7

#	Responses	Date
1	\$1.6M	9/23/2014 1:37 PM
2	\$2 million	9/22/2014 10:48 AM
3	fiscal arrangemts are complex, i do not have salary information, so I do not know total budget	9/22/2014 10:31 AM
4	Approximately \$5 million	9/22/2014 10:10 AM
5	2,742,847.73	9/22/2014 9:21 AM
6	unsure since I am a new employee	8/11/2014 4:09 PM
7	3.2 million	8/11/2014 7:08 AM
8	3000000	8/10/2014 10:56 PM
9	6.8 mill	8/9/2014 12:41 PM
10	\$15,976,005	8/8/2014 6:26 PM
11	No idea	8/8/2014 6:10 PM
12	\$9M	8/8/2014 3:49 PM
13	1.9 million	8/8/2014 2:36 PM
14	3.5M	8/8/2014 2:33 PM
15	3,000,000	7/23/2014 5:11 PM
16	\$5,000,000	7/15/2014 11:26 AM
17	6.1 million	7/15/2014 10:15 AM
18	\$5,131,928	7/15/2014 9:41 AM
19	\$1,100.000	7/15/2014 8:55 AM
20	3000000	7/14/2014 6:39 PM
21	\$16.5 million	7/14/2014 4:48 PM
22	\$3.8M	7/14/2014 4:26 PM
23	1.6 Million	7/14/2014 4:23 PM
24	\$8.5 million	7/14/2014 4:09 PM

### Q10 Please choose the top five activities/programs in your Diagnostic Laboratory at this time.

Answered: 31 Skipped: 0

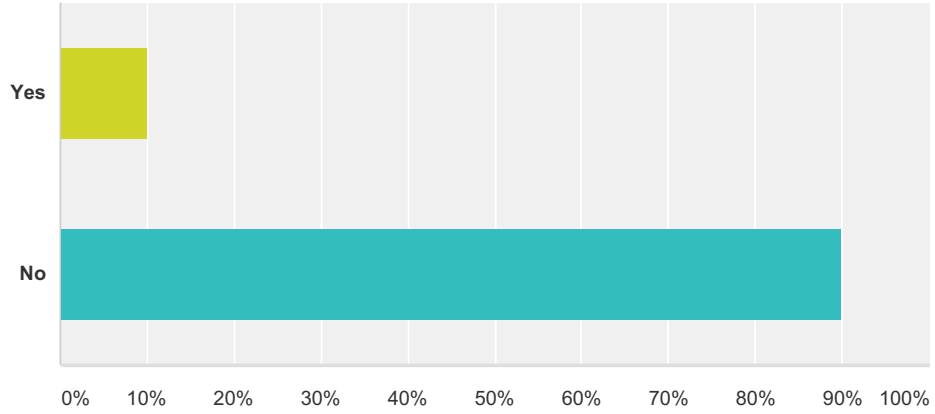




Answer Choices	Responses
Administration	19.35% 6
Animal Identification/Tracing/Surveillance Testing	22.58% 7
Emergency Management	0.00% 0
Meat Inspection Sample Testing	6.45% 2
Poultry/Egg Inspection/Regulation Testing	16.13% 5
Rules and Regulations	9.68% 3
Education & Outreach	32.26% 10
Brucellosis Testing	9.68% 3
Tuberculosis Testing	0.00% 0
Scrapie Testing	6.45% 2
Avian Influenza Testing	29.03% 9
NPIP Testing	32.26% 10
Trichomoniasis Testing	32.26% 10
Rabies Testing	6.45% 2
Johnes Testing	12.90% 4
CWD Testing	6.45% 2
Food animal diagnostic activity	90.32% 28
Companion animal diagnostic activity	77.42% 24
Wildlife diagnostic activity	29.03% 9
Research and Laboratory animal diagnostic activity	22.58% 7
Foreign Animal Disease activity	19.35% 6
<b>Total Respondents: 31</b>	

### Q11 Is the State Laboratory Director appointed by the Governor or Director of the Department of Agriculture?

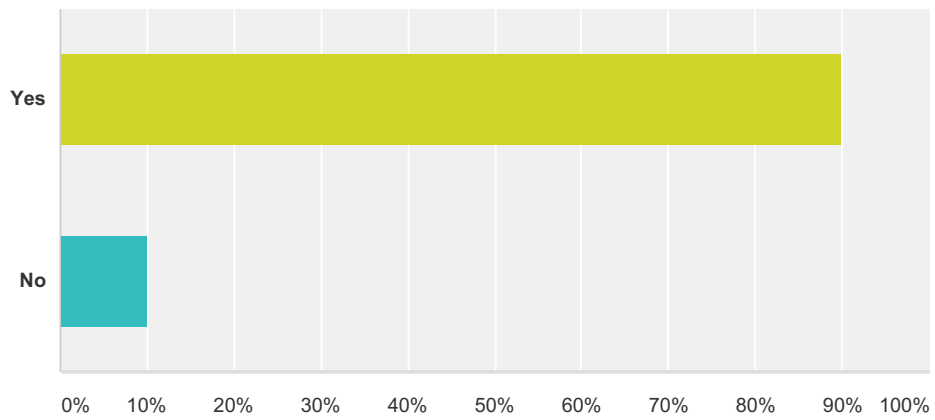
Answered: 30 Skipped: 1



Answer Choices	Responses	
Yes	10.00%	3
No	90.00%	27
<b>Total</b>		<b>30</b>

### Q12 Is the State Laboratory Director position a full time position?

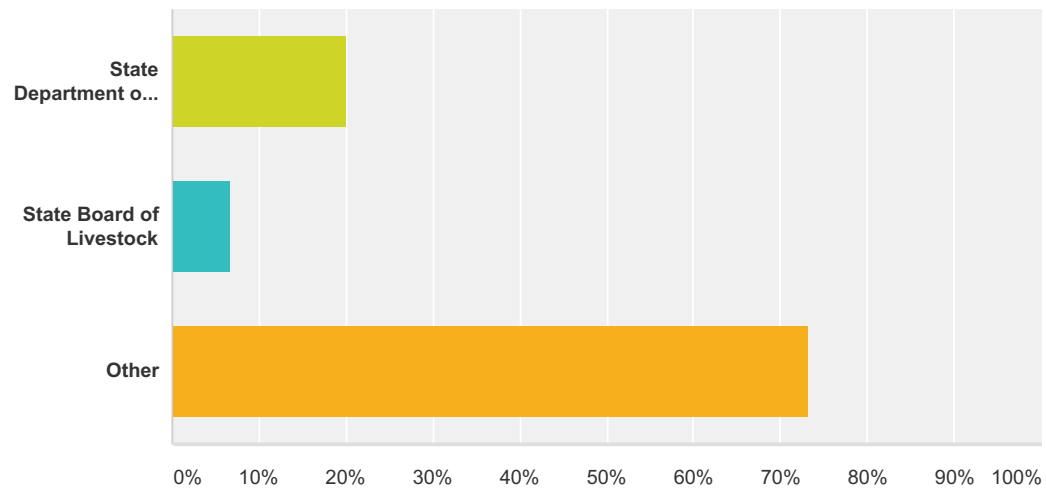
Answered: 30 Skipped: 1



Answer Choices	Responses
Yes	90.00% 27
No	10.00% 3
<b>Total</b>	<b>30</b>

### Q13 Who is the State Laboratory Director employed by?

Answered: 30 Skipped: 1



Answer Choices	Responses
State Department of Agriculture	20.00% 6
State Board of Livestock	6.67% 2
Other	73.33% 22
<b>Total</b>	<b>30</b>

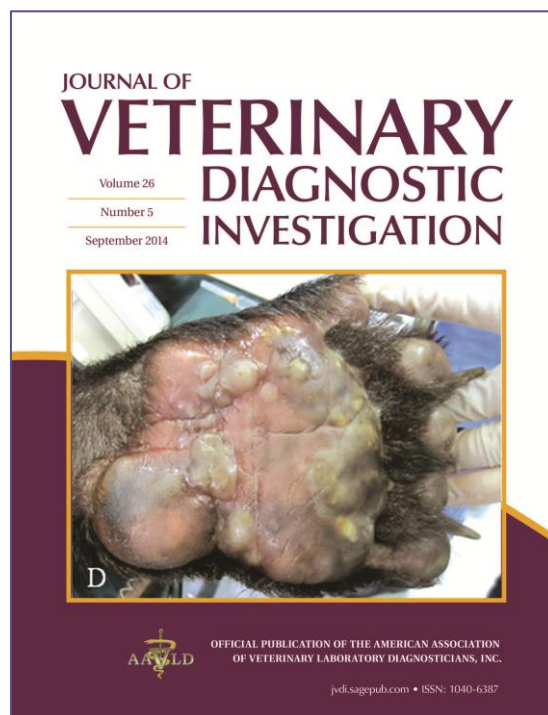
## Q14 What other information relevant to veterinarian and diagnostic laboratory workforce needs would you like to share?

Answered: 11 Skipped: 20

#	Responses	Date
1	I listed most of our veterinarians as part time because they have academic and diagnostic appointments, the diagnostic appointments are around 30% for each of them. The salary range is total annual support.	9/23/2014 1:37 PM
2	The State Laboratory Director is employed by the University. State funding has been static or decreased over the past 5 years. Increases in staff compensation have resulted in decreased numbers of positions.	9/22/2014 10:10 AM
3	No surprise - public funding falling with increased reliance upon laboratory revenue.	9/22/2014 9:21 AM
4	It is challenging to find desirable candidates especially veterinary pathologists	8/13/2014 9:10 AM
5	relative pricing of diagnostic testing	8/11/2014 4:09 PM
6	Competition with non-AAVLD accredited laboratories has cut into our business significantly. PRRSV, PEDV, Delta-corona, Histo, and some Bact testing has decreased significantly by allowing noncertified laboratories to do testing.	8/11/2014 7:08 AM
7	We are horrendously overworked, faculty diagnostic positions especially. As in 60-70 hours/week is routine. We are underpaid, compared to peers in industry and elsewhere. There is a shortage of talented diagnostic professionals being trained to fill the pipeline. Funding is suffering at both state and federal levels, while expectations only rise. And the endless and increasing administrative and bureaucratic BS forced upon us by APHIS, NAHLN, CDC, AAVLD, ACVP, etc., has begun to seriously impact our ability to focus our time, energy, and efforts on our JOBS - diagnostic veterinary medicine, teaching, and research. If the goal is that the large labs (and you know who I mean) should eventually swallow the smaller labs, leaving large holes in service, regional knowledge, wisdom, and diagnostic capacity - you're on the right track.	8/8/2014 6:10 PM
8	One of our primary activities is testing for the bull studs in support of semen export.	8/8/2014 3:49 PM
9	critical shortage of veterinary microbiologists; this position has been vacant in excess of 2.5 years	7/15/2014 10:15 AM
10	State Veterinarian is also the Lab Director. These are both full time jobs.	7/15/2014 7:56 AM
11	It would be nice to have a "diagnostic residency program" with an accompanying PhD available for interested DVMs.	7/14/2014 4:09 PM

 SAGE  
2014

# Annual Publisher's Report



10/1/14

Journal of Veterinary Diagnostic  
Investigation

Submitted to the American Association of Veterinary Laboratory  
Diagnosticians

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# Annual Publisher's Report

## JOURNAL OF VETERINARY DIAGNOSTIC INVESTIGATION

### EXECUTIVE SUMMARY

This report summarizes *JVDI*'s 2013 performance and provides an overview of SAGE's 2014 initiatives. Below is a snapshot of the journal's key performance metrics.

#### Performance metrics

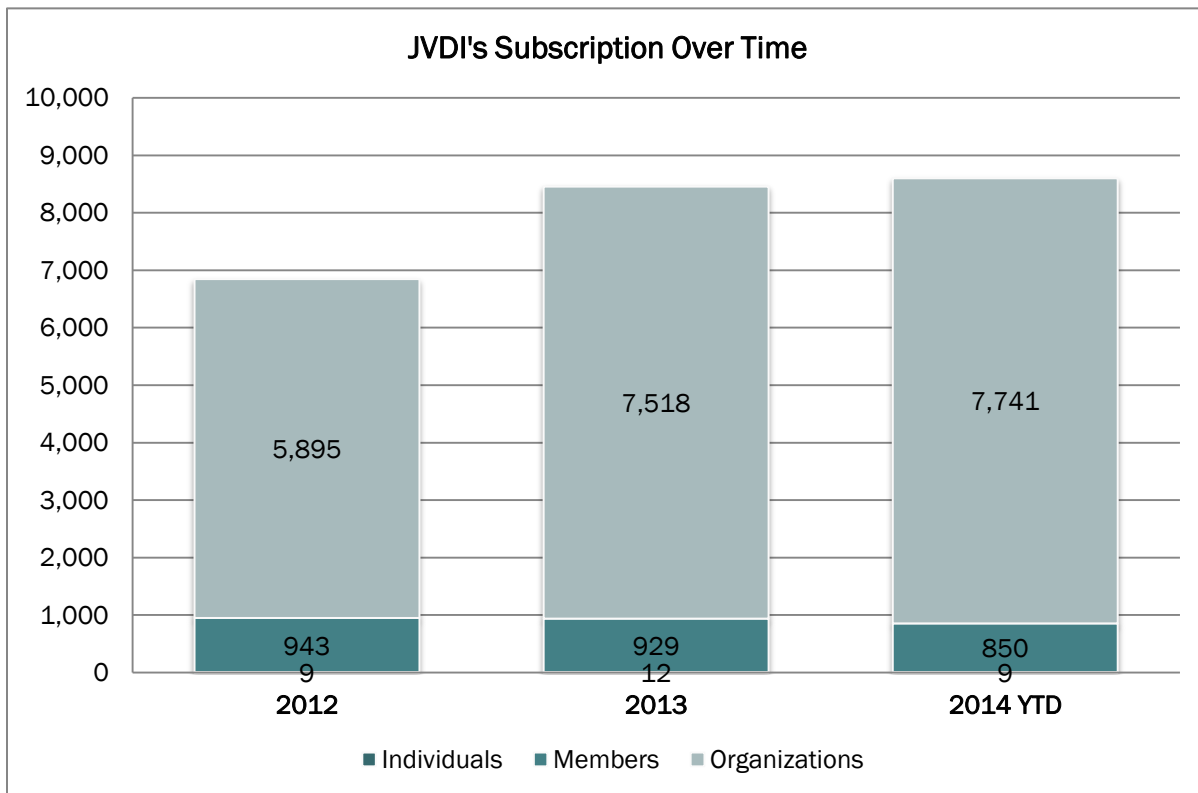
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<b>Circulation</b>	<ul style="list-style-type: none"><li>• 2013 total circulation of 8,529</li><li>• 2014 YTD circulation of 8,687</li></ul>
<b>Online usage</b>	<ul style="list-style-type: none"><li>• 2013 full-text downloads totaled 627,859, an 8.9% decrease from 2012<ul style="list-style-type: none"><li>◦ 2014 YTD full-text downloads total 450,949</li></ul></li><li>• 2013 eTOC alert registrants totaled 1,719<ul style="list-style-type: none"><li>◦ 2014 YTD eTOC alert registrants total 1,764</li></ul></li></ul>
<b>SAGE Track</b>	<ul style="list-style-type: none"><li>• 2013 manuscripts submissions totaled 782, a 12.4% decrease from 2012<ul style="list-style-type: none"><li>◦ 2014 YTD submissions total 589</li></ul></li><li>• 2013 acceptance rate of 22.07%</li><li>• 2013 average time to first decision of 16 days</li></ul>
<b>Content published</b>	<ul style="list-style-type: none"><li>• In 2013 the journal published 6 issues totaling 807 pages<ul style="list-style-type: none"><li>◦ <i>JVDI</i> has published 704 editorial pages so far in 2014</li></ul></li><li>• The average time from transmittal to Production to OnlineFirst publication was 26 days in 2013</li></ul>
<b>Bibliometrics</b>	<ul style="list-style-type: none"><li>• 2013 Impact Factor is 1.232, an increase from 1.181 in 2012</li><li>• 5-year 2013 Impact Factor is 1.433, a decrease from 1.556 in 2012</li><li>• Ranked 39 out of 129 journals in the JCR Veterinary Sciences category</li></ul>
<b>Marketing</b>	<ul style="list-style-type: none"><li>• <i>JVDI</i> is included in the Pharmacology/Biomedicine discipline. In 2013, we distributed the newsletter to 36,500 individuals with an open rate of 17.1% and click through rate of 1.9%.</li><li>• Started an "author care" email campaign where published authors are sent a series of messages to keep them engaged with the journal and provide tips on promoting their article(s)</li></ul>

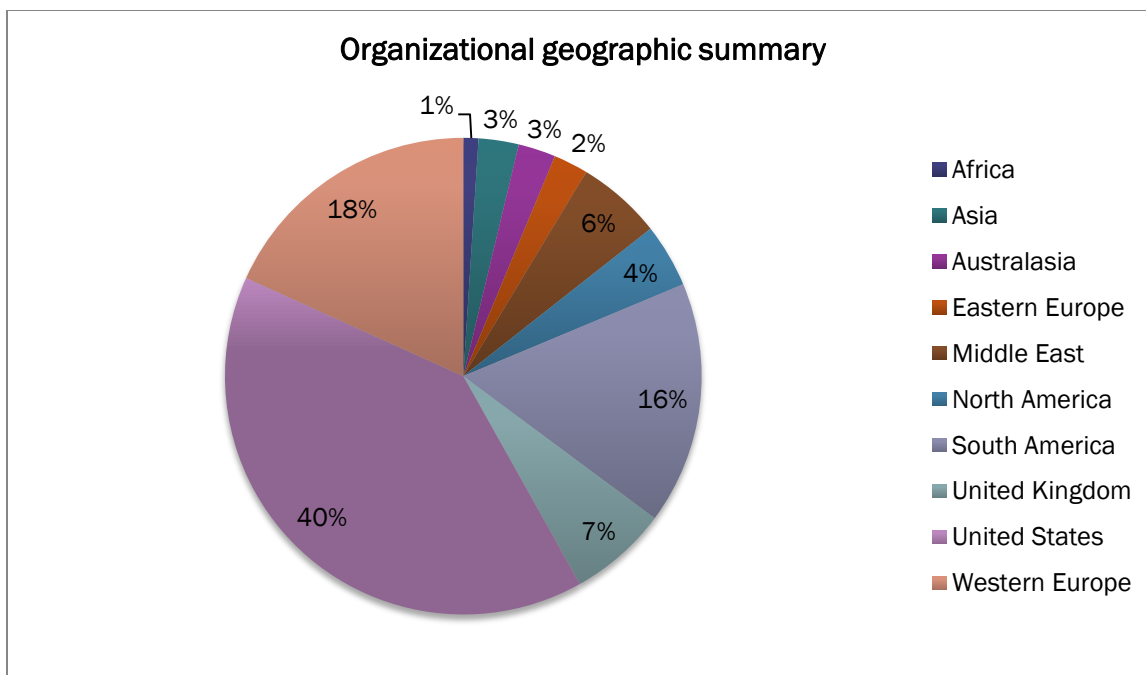
# MARKET REACH AND COMMUNITY IMPACT

## Circulation

Average number of subscriptions by type 2012 – 2014 YTD				
Type	2012	2013	2014 YTD	% change 2012-2013
Individuals	9	12	9	33.33%
Members	943	929	850	-1.48%
Site License	15	70	87	366.67%
<i>Organizations, traditional</i>	177	166	145	-6.21%
<i>Organizations, bundled</i>	9	19	21	111.11%
<i>Organizations, consortia</i>	1,505	2,387	2,629	58.60%
<i>Organizations, developing world</i>	4,204	4,946	4,946	17.65%
<b>Organizations, total</b>	<b>5,895</b>	<b>7,518</b>	<b>7,741</b>	<b>27.53%</b>
<b>Total subscriptions</b>	<b>6,862</b>	<b>8,529</b>	<b>8,687</b>	<b>24.29%</b>



The following pie chart provides a geographic snapshot of JVDI's organizational subscribers by region, exclusive of the developing world distribution:



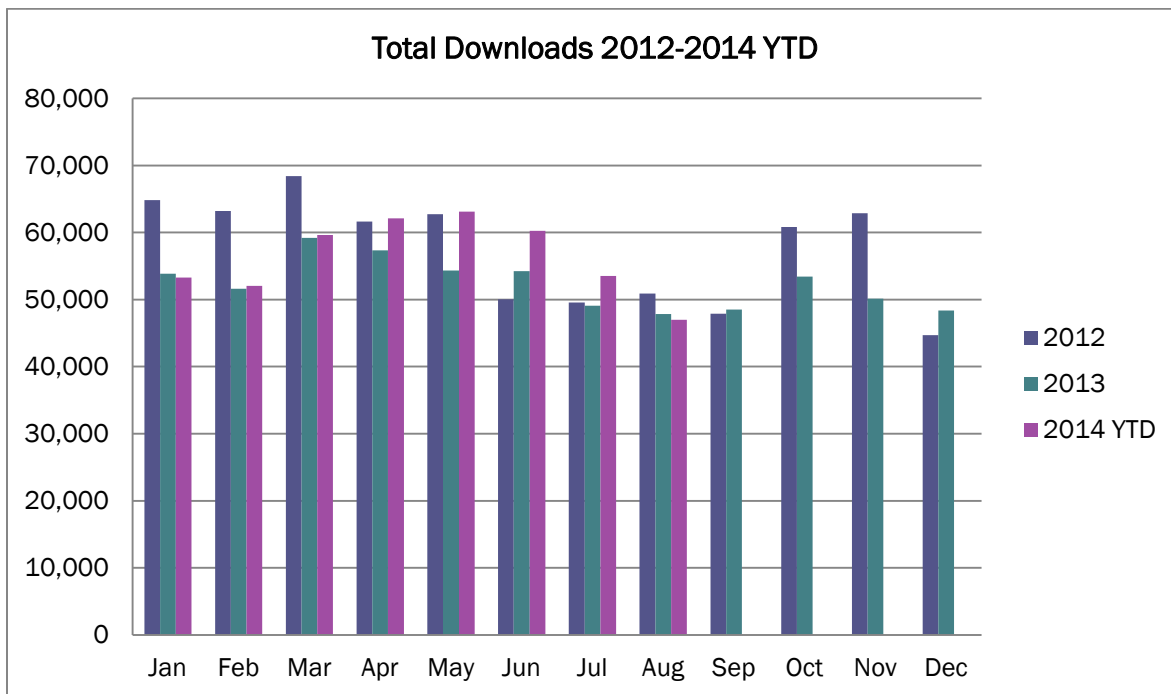
## Usage data

A summary of JVDI's online usage by month is provided in the following table. Please note that the figures for October are skewed by SAGE's annual platform-wide free access trials.

Online usage statistics			
2013	Full-text downloads*	2014 YTD	Full-text downloads*
Jan	53,838	Jan	53,274
Feb	51,607	Feb	52,053
Mar	59,219	Mar	59,624
Apr	57,330	Apr	62,094
May	54,327	May	63,134
Jun	54,213	Jun	60,264
Jul	49,080	Jul	53,501
Aug	47,823	Aug	47,005
Sep	48,516	Sep	-
Oct	53,405	Oct	-
Nov	50,143	Nov	-
Dec	48,358	Dec	-
<b>Total</b>	<b>627,859</b>	<b>Total</b>	<b>450,949</b>

\* Full-text downloads include both HTML and PDF article usage

The chart below shows the number of article downloads per month since 2012.



The following table shows the ten articles that were accessed the most from September 2013 through August 2014 on the SAGE Journals platform.

JVDI's top ten most accessed articles, September 2013 to August 2014	
Total accesses	Article
9,459	Section: Article Geoffrey T. Fosgate <b>Practical Sample Size Calculations for Surveillance and Diagnostic Investigations</b> Jan 01, 2009 21: 3-14
5,213	Section: Article Francisco A. Uzal, J. Glenn Songer <b>Diagnosis of Clostridium Perfringens Intestinal Infections in Sheep and Goats</b> May 01, 2008 20: 253-265
4,432	Section: Brief Communication Dagny Jayne Leininger, Jerry Russel Roberson, Francois Elvinger <b>Use of Eosin Methylene Blue Agar to Differentiate Escherichia Coli from Other Gram-Negative Mastitis Pathogens</b> May 01, 2001 13: 273-275
4,018	Section: Article Mehrdad Ameri, Melinda J. Wilkerson <b>Comparison of Two Commercial Radial Immunodiffusion Assays for Detection of Bovine Immunoglobulin G in Newborn Calves</b> May 01, 2008 20: 333-336
3,974	Section: Article Charles G. B. Caraguel, Henrik Stryhn, Nellie Gagne, Ian R. Dohoo, K. Larry Hammell <b>Selection of a Cutoff Value for Real-Time Polymerase Chain Reaction Results to Fit a Diagnostic Purpose: Analytical and Epidemiologic Approaches</b> Jan 01, 2011 23: 2-15

3,157	Section: Article Natali Bauer, Andreas Moritz <b>Evaluation of three Methods for Measurement of Hemoglobin and Calculated Hemoglobin Variables with the ADVIA 120(R) and ADVIA 2120(R) Systems in Goats</b> Sep 01, 2008 20: 593-597
2,877	Section: Article Gregory W. Stevenson, Hai Hoang, Kent J. Schwartz, Eric R. Burrough, Dong Sun, Darin Madson, Vickie L. Cooper, Angela Pillatzki, Philip Gauger, Beverly J. Schmitt, Leo G. Koster, Mary L. Killian, Kyoungjin J. Yoon <b>Emergence of Porcine epidemic diarrhea virus in the United States: clinical signs, lesions, and viral genomic sequences</b> Sep 01, 2013 25: 649-654
2,533	Section: Article Wilson K. Rumbleha, Jayaraj A. Francis, Scott D. Fitzgerald, Muraleedharan G. Nair, Kate Holan, Kwasi A. Bugyei, Heather Simmons <b>A Comprehensive Study of Easter Lily Poisoning in Cats</b> Nov 01, 2004 16: 527-541
2,334	Section: Article Alison J. Farr, Kathleen P. Freeman <b>Quality Control Validation, Application of Sigma Metrics, and Performance Comparison between Two Biochemistry Analyzers in a Commercial Veterinary Laboratory</b> Sep 01, 2008 20: 536-544
2,066	Section: Article Jose A. Ramos-Vara, Matti Kiupel, Timothy Baszler, Laura Bliven, Bruce Brodersen, Brian Chelack, Keith West, Stefanie Czub, Fabio Del Piero, Sharon Dial, E. J. Ehrhart, Tanya Graham, Lisa Manning, Daniel Paulsen, Victor E. Valli <b>Suggested Guidelines for Immunohistochemical Techniques in Veterinary Diagnostic Laboratories</b> Jul 01, 2008 20: 393-413
40,063	<b>Totals for Top 10 Articles September 2013 - August 2014</b>

## Top 20 organizations accessing *JVDI*

SAGE Journals allows us to track how frequently organizational subscribers access the journal. The following table shows the organizations that accessed *JVDI* most frequently from September 2013 through August 2014.

Top 20 accessing organizations	
1	University of California, Davis (USA)
2	Erciyes Univ Rektörlüğü (Turkey)
3	Universidad de Chile (Chile)
4	Texas A&M University (USA)
5	NIH Library (USA)
6	Iowa State University (USA)
7	Michigan State University (USA)
8	Guangxi University (China)
9	University of Georgia (USA)
10	University of Saskatchewan (Canada)
11	Cornell University (USA)
12	Universiteit Gent (Belgium)
13	Imam Muhammad Ibn Saud Islamic University (Saudi Arabia)
14	Purdue University (USA)
15	The University of Veterinary Medicine Hannover (Germany)
16	ONIRIS (France)
17	Ecole nationale vétérinaire d'Alfort (France)
18	University of Minnesota (USA)
19	Université de Montréal (Canada)
20	Indian Veterinary Research Institute (India)

## Google Analytics data

Google Analytics is a robust reporting tool that provides us with a variety of data on how *JVDI's* SAGE Journal site is used. We can use these analytics to learn about the journal's users, including: how they reached the journal, where they're located, and, the device or operating system they're using. We've captured some of the more useful information in the following tables for September 2013 to August 2014.

Please note that Google Analytics did not collect data on all SAGE titles from August 2013 to September 2013

TOP REFERRING TRAFFIC SOURCES					
	Source	Visits		Source	Visits
1	google / organic	130,630	11	scholar.google.com / referral	520
2	(direct) / (none)	49,417	12	jcm.asm.org / referral	443
3	ncbi.nlm.nih.gov / referral	46,009	13	vet.sagepub.com / referral	435
4	yahoo / organic	1,513	14	aavld.org / referral	363
5	bing / organic	1,016	15	search.tb.ask.com / referral	354
6	online.sagepub.com / referral	881	16	scopus.com / referral	335
7	highwire.stanford.edu / referral	862	17	apps.webofknowledge.com / referral	325
8	sciencedirect.com / referral	554	18	facebook.com / referral	305
9	ask / organic	551	19	proxying.lib.ncsu.edu / referral	244
10	2012.maintenance.academicanalytics.com / referral	537	20	veterinaryrecord.bmj.com / referral	208

GEOGRAPHIC LOCATION OF VISITORS					
	Country/territory	Visits		Country/territory	Visits
1	United States	71,495	11	South Korea	4,590
2	United Kingdom	13,280	12	France	4,562
3	Brazil	11,462	13	Spain	4,473
4	India	11,373	14	Mexico	3,955
5	China	9,830	15	Thailand	3,869
6	Canada	9,766	16	Taiwan	3,823
7	Japan	9,437	17	Iran	3,205
8	Australia	7,460	18	Netherlands	3,095
9	Italy	6,188	19	Egypt	3,075
10	Germany	6,061	20	Turkey	2,798

MOBILE DISTRIBUTION OF USAGE		
	Device type	Visits
1	Apple iPad	6,076
2	Apple iPhone	5,057
3	(not set)	2,180
4	Samsung GT-I9300 Galaxy S III	286
5	Samsung GT-S5300B Galaxy Pocket	228
6	Samsung GT-I9500 Galaxy S IV	176
7	Apple iPod	130
8	Opera Opera Mini for S60	124
9	Samsung GT-N7100 Galaxy Note II	123
10	Google Nexus 7	108

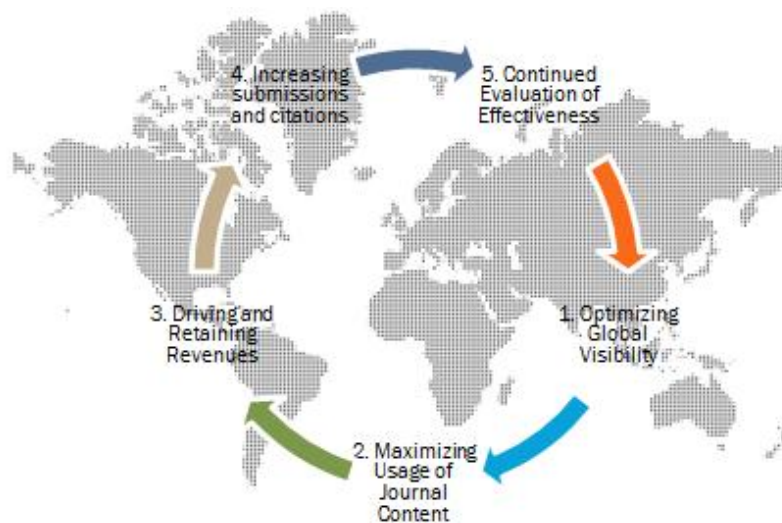
# MARKETING STRATEGY

In 2013 and 2014, we focused on online discoverability and search engine optimization, providing flexible content offerings for the global library community who are under increasing financial constraints and, in particular, using social media tools such as Twitter, Facebook, and blogs, to connect with authors and readers.

## Marketing objectives

Our objective is to increase *JVDI*'s worldwide visibility, reach, and readership, including subscribers. We use an integrative approach that merges multiple marketing channels with input from our colleagues in SAGE's editorial, sales and marketing, and production departments.

The graphic below breaks down our top-level objective into actionable strategies that we'll expand upon shortly.



## Optimizing discoverability and visibility

Our marketing activities are designed to make your journal and articles more discoverable on the open Web and visible within the scholarly community. We use social media and targeted media promotions to reach the widest possible audience for *JVDI*; this distribution helps support the journal's usage and revenue growth.

Podcasts remain a valuable tool to promote journal content. They're a great way to connect with a wider audience and to extend the ideas presented in an article. Also, authors are thrilled to have their work featured.

SAGE podcasts are readily available to students and scholars on our SAGE iTunes channel and on the journal's website. Recording podcasts is very easy—all it takes is a 10-15 minute Skype call and your SAGE team will take care of the rest. For more information about podcasts or if you'd like to schedule a recording session please contact your SAGE editor.

Please see Appendix II for our tips on how you can help promote *JVDI* using social media.

## TARGETED MEDIA PROMOTIONS

SAGE regularly promotes topical articles to the media through a focused press release program and by direct contact with journalists. SAGE has also launched a Twitter channel (@SAGE\_News) for journalists to follow the latest research from all of our disciplines. We also use SAGE Insight, our topical research blog, to promote your journal and articles. Bookmark the blog : <http://www.sagepub.com/sageinsight>.

We've published over 300 posts on the blog which receives over 5,000 monthly visits. The top viewed featured article received more than 2,000 hits.

## Maximizing journal usage

Our focus on usage is a way of concentrating on *JVDI*'s most important customers, libraries and authors. Librarians increasingly rely on usage data to make subscription purchase or renewal decisions. Authors assess a journal's total impact—reputation, timeliness, services, and Impact Factor—before submitting a manuscript.

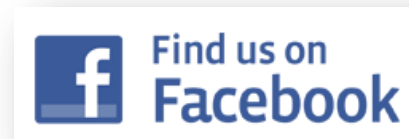
To help build *JVDI*'s usage, which should lead to more citations, we:

- Conduct usage campaigns
- Promote articles through discipline newsletters and social media
- Place banner or Web ads to promote the journal
- Promote the journal at select conferences
- Provide authors helpful tips for promoting their own articles
- Hold SAGE Journals platform-wide and discipline specific free trials where anyone who registers can access *JVDI*

We'd like to tell you a bit more about banner ads, our email campaigns, and conference promotions.

## BANNER ADS

Banner advertisements have become one of our most powerful marketing tools given the great volume of traffic on SAGE Journals. Placing banner ads on *JVDI*'s homepage is an effective way to reach the journal's authors and readers, and to promote initiatives or events. Some examples are below:



## EMAIL CAMPAIGNS

*JVDI* is featured in discipline email campaigns throughout the year. We also feature news about journals (new editors, frequency changes, etc.) in editions of the SAGE Librarian Newsletter. The journal currently has 1,764 readers signed up to receive table of contents email alerts.

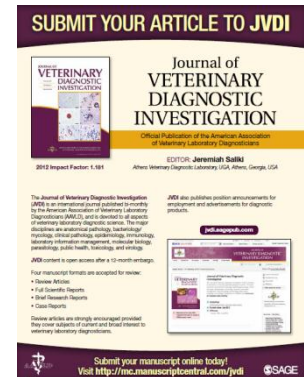
Deploy Date	Campaign Code	Campaign Name	Delivered	Unique Opens	Unique Clicks	Open Rate	Click Rate
Mar 13	1138072	<i>JVDI</i> Call for Papers/Usage Email	14,877	3,108	299	20.9%	2.0%
Mar 13	1138045	Pharmacology/Biomedicine Discipline Newsletter	6,657	1,179	202	17.7%	3.0%
Aug 13	1138141	Pharmacology/Biomedicine Discipline Newsletter	9,635	1,500	207	15.6%	2.1%
Nov 13	1138179	Pharmacology/Biomedicine Discipline Newsletter	20,247	3,568	295	17.6%	1.5%
Mar 14	1148170	Pharmacology/Biomedicine Discipline Newsletter	24,103	4,343	274	18.0%	1.1%
May 14	1148071	<i>JVDI</i> Call for Papers/Usage Email	24,679	5,764	231	23.4%	0.9%
Aug 14	1148089	Pharmacology/Biomedicine Discipline Newsletter	22,373	4,059	406	18.1%	1.8%

## CONFERENCE PROMOTION

Conferences undoubtedly remain very important in terms of providing an opportunity for editors to network, acquire papers and evaluate new research, and we'll do what we can to support these activities.

We evaluate our conference attendance and budgets annually, and continue to exhibit *JVDI* at conferences in veterinary medicine and toxicology to promote the journal.

We also create journal business cards for our editors to take and distribute at various events. While simple, these cards are an effective tool to solicit papers, raise awareness of the journal, and drive traffic to the journal site.



## Driving and retaining journal revenues

Growth in *JVDI*'s revenues will likely come from increased consortia and special sales. SAGE has sales offices in Los Angeles, London, New Delhi, Singapore, and Washington DC with sales representatives in the field globally, bringing in new organizational customers. We're seeing rapid consortia sales growth in the Middle East, Southeast Asia, and South America.

While SAGE Premier, the database of all of SAGE's journals, is the primary product sold to new consortia customers, our sales representatives regularly feature *JVDI* as a way of demonstrating the database's value to patrons. Please contact your Publishing Editor or Marketing Manager if you'd like to know more.



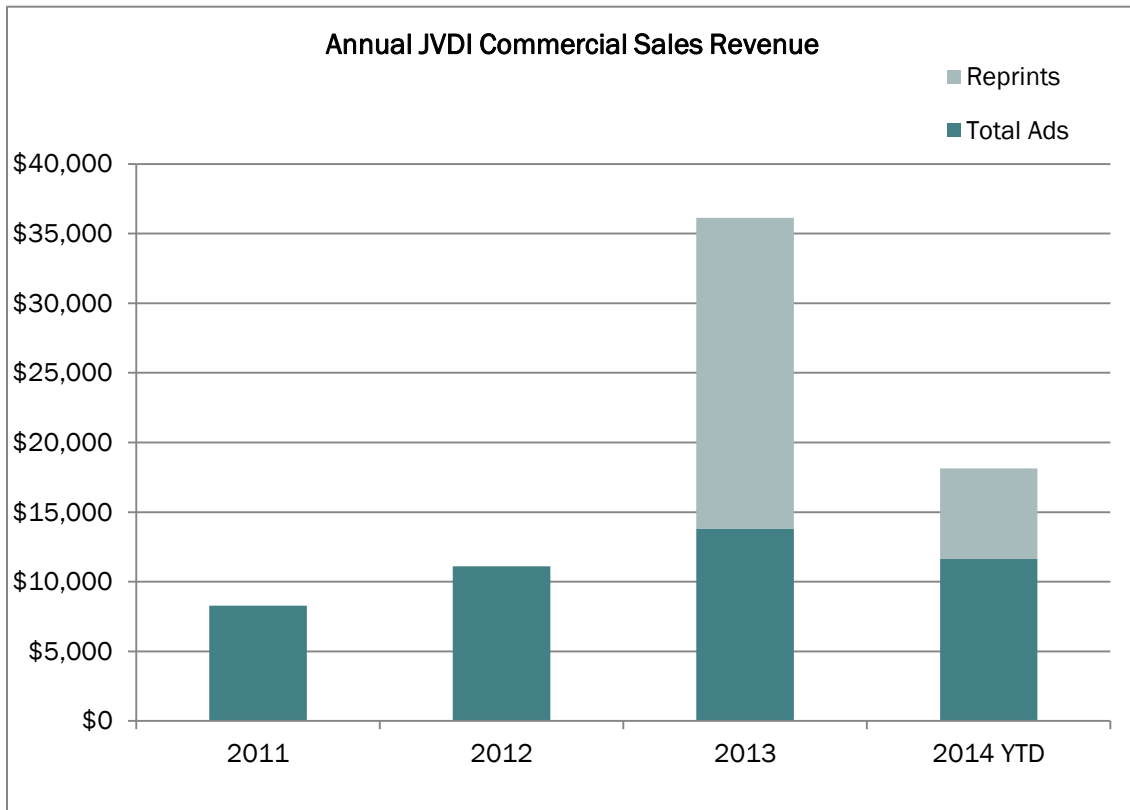
## Increasing submissions and citations

We have a variety of marketing efforts designed to get authors to submit manuscripts to and cite *JVDI*. As mentioned above, we send out Call for Papers emails and also highlight journal articles regularly in the discipline newsletters throughout the year.

# COMMERCIAL SALES

The following section summarizes our commercial sales activity for JVDI.

## Historical Data

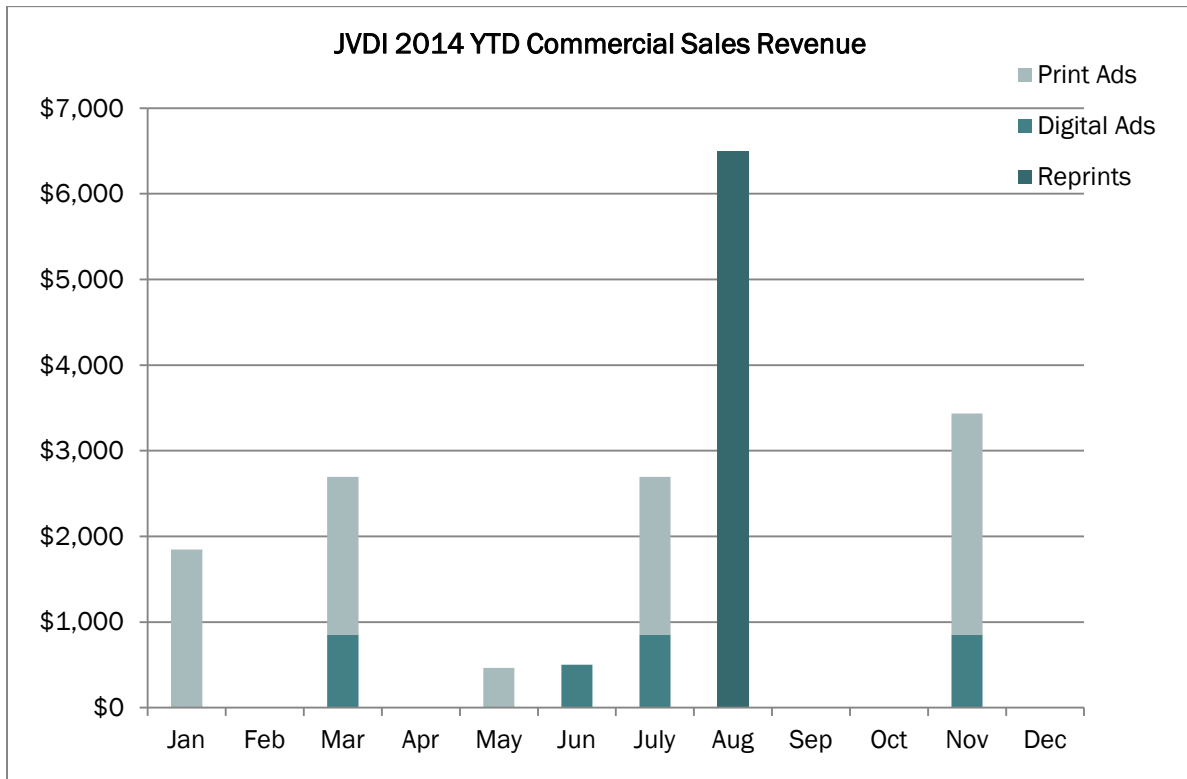


\*SAGE began publishing JVDI with the May 2011 issue.

\*\*Total Ads includes print and digital ads

	2011	2012	2013	2014 YTD
Print	\$8,285	\$11,100	\$11,256	\$8,583
Online	\$0	\$0	\$2,550	\$3,052
Total Advertising	\$8,285	\$11,100	\$13,806	\$11,635
Reprints	\$0	\$0	\$22,335	\$6,500
Supplements	\$0	\$0	\$0	\$0
Bulk Sales	\$0	\$0	\$0	\$0
Non-Royalty	\$0	\$0	\$0	\$0
Sponsored subs	\$0	\$0	\$0	\$0
Special Sales Total	\$0	\$0	\$0	\$0
<b>TOTALS</b>	<b>\$8,285</b>	<b>\$11,100</b>	<b>\$36,141</b>	<b>\$18,135</b>

## 2014 YTD Commercial Sales Revenue



\*Total 2014 YTD Revenue is \$18,135

2014	Reprints	Digital Ads	Print Ads	Total Ads
Jan	\$0	\$0	\$1,845	\$1,845
Feb	\$0	\$0	\$0	\$0
Mar	\$0	\$850	\$1,845	\$2,695
Apr	\$0	\$0	\$0	\$0
May	\$0	\$0	\$463	\$463
Jun	\$0	\$502	\$0	\$502
July	\$0	\$850	\$1,845	\$2,695
Aug	\$6,500	\$0	\$0	\$0
Sep	\$0	\$0	\$0	\$0
Oct	\$0	\$0	\$0	\$0
Nov	\$0	\$850	\$2,585	\$3,435
Dec	\$0	\$0	\$0	\$0
<b>Totals</b>	<b>\$6,500</b>	<b>\$3,052</b>	<b>\$8,583</b>	<b>\$11,635</b>

## Reprints

Invoice Date	Purchaser	Author	Vol.	Iss.	Article Title	Quantity	Price
8/12/2014	Idexx Laboratories	Elsemore	26	3	Enzyme-linked immunosorbent assay for coproantigen detection of <i>Trichuris vulpis</i> in dogs	1	\$6,500

## Special Sales

There have been no special sales for JVDI so far this year.

## EDITORIAL CONTENT AND BIBLIOMETRICS

### Articles and pages published

The following table summarizes the number of articles, issues, and pages published in the past two volume years.

2014 YTD						
Volume	Issue	Cover date	Editorial Pages Published	Ad Pages Used	Total Pages	Page budget
26	1	Jan/Feb	183	1	184	200
26	2	Mar/April	149	3	152	200
26	3	May/June	136	4	140	200
26	4	July/Aug	111	1	112	200
26	5	Sept/Oct	125	3	128	200
26	6	Nov/Dec	-	-	-	200
Total for volume year			704	12	716	1200

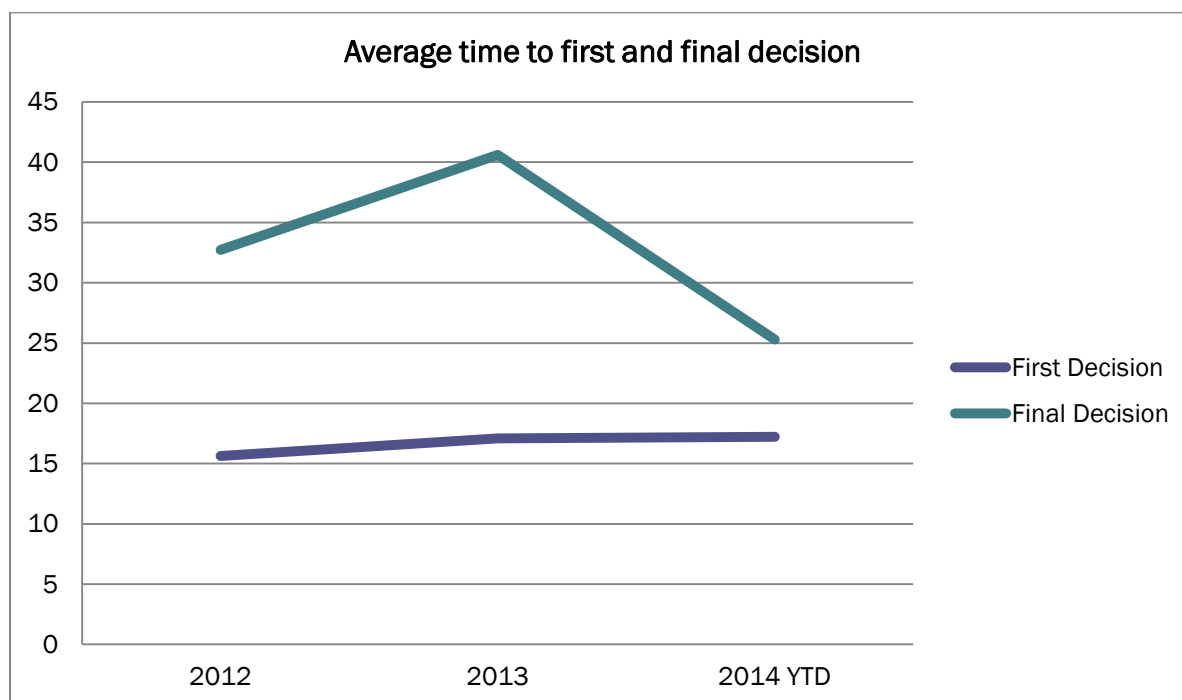
2013						
Volume	Issue	Cover date	Editorial Pages Published	Ad Pages Used	Total Pages	Page Budget
25	1	Jan/Feb	176	4	180	200
25	2	Mar/April	129	4	133	200
25	3	May/June	142	2	144	200
25	4	July/Aug	101	3	104	200
25	5	Sept/Oct	107	1	108	200
25	6	Nov/Dec	152	4	156	200
Total for volume year			807	18	825	1,200

### OnlineFirst queue

As of October 1, 2014, JVDI has 12 articles in its OnlineFirst queue. The oldest article in the queue was published on August 18, 2014. These articles are "fully published," that is, these articles are fully citable and are considered by SAGE to be the scholarly version of record.

## Time to first decision

The following chart shows *JVDI*'s time from submission to first decision and final decision.



## Editorial office and SAGE Track data

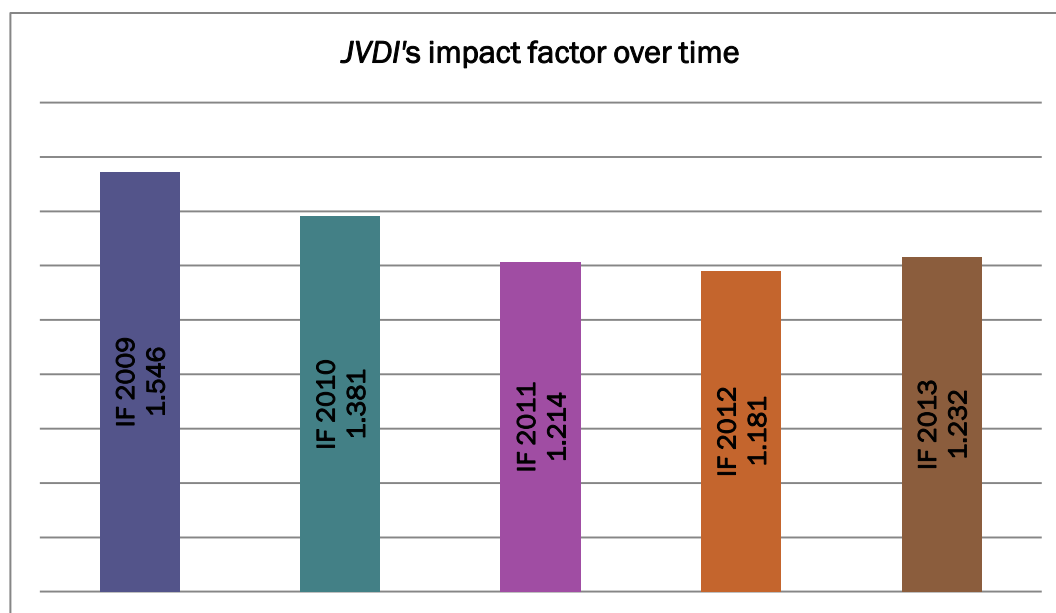
In 2013, *JVDI*'s SAGE Track site received 523 new manuscript submissions. We estimate this to be a 13% decrease over the 602 new submissions received in 2012. *JVDI* has received 409 submissions 2014 YTD. *JVDI*'s rejection rate was 72.78% in 2013. These statistics may vary from those kept by the editorial office due to how manuscripts are counted and how rejection rates are calculated. The table below provides more details on manuscripts submitted during the past year.

Manuscript submissions October 2013 – September 2014						
Manuscript Submissions Received			Manuscripts Accepted			
Country	# received	Percentage of total	Accept	Reject	Total	Accept ratio
United States	135	26.4 %	64	65	129	49.61%
Brazil	65	12.7 %	8	54	62	12.90%
China	63	12.3 %	2	56	58	3.45%
Italy	36	7.0 %	3	29	32	9.38%
Japan	16	3.1 %	6	11	17	35.29%
Korea, Republic of	16	3.1 %	0	15	15	0.00%
Spain	15	2.9 %	1	14	15	6.67%
Canada	14	2.7 %	5	7	12	41.67%
Australia	12	2.3 %	6	6	12	50.00%
Germany	12	2.3 %	2	9	11	18.18%
Iran, Islamic Republic of	10	2.0 %	0	10	10	0.00%

Egypt	8	1.6 %	0	7	7	0.00%
Poland	8	1.6 %	0	7	7	0.00%
Taiwan	8	1.6 %	4	5	9	44.44%
United Kingdom	8	1.6 %	5	4	9	55.56%
Thailand	7	1.4 %	1	5	6	16.67%
Argentina	6	1.2 %	1	3	4	25.00%
Portugal	6	1.2 %	1	5	6	16.67%
Turkey	6	1.2 %	0	7	7	0.00%
Malaysia	5	1.0 %	0	5	5	0.00%
Mexico	5	1.0 %	1	4	5	20.00%
Belgium	4	0.8 %	1	2	3	33.33%
Denmark	4	0.8 %	2	3	5	40.00%
India	4	0.8 %	0	4	4	0.00%
New Zealand	4	0.8 %	1	2	3	33.33%
Romania	4	0.8 %	0	4	4	0.00%
Slovenia	4	0.8 %	1	3	4	25.00%
Ireland	3	0.6 %	0	2	2	0.00%
Algeria	2	0.4 %	0	2	2	0.00%
Finland	2	0.4 %	1	2	3	33.33%
Hungary	2	0.4 %	0	1	1	0.00%
Austria	1	0.2 %	1	0	1	100.00%
Chile	1	0.2 %	0	1	1	0.00%
Ethiopia	1	0.2 %	0	1	1	0.00%
Greece	1	0.2 %	1	0	1	100.00%
Indonesia	1	0.2 %	0	1	1	0.00%
Israel	1	0.2 %	0	1	1	0.00%
Kazakhstan	1	0.2 %	0	1	1	0.00%
Korea, Democratic People's Republic of	1	0.2 %	0	1	1	0.00%
Nigeria	1	0.2 %	0	1	1	0.00%
Pakistan	1	0.2 %	0	1	1	0.00%
Russian Federation	1	0.2 %	0	1	1	0.00%
Saint Kitts and Nevis	1	0.2 %	1	0	1	100.00%
Saudi Arabia	1	0.2 %	0	1	1	0.00%
South Africa	1	0.2 %	2	0	2	100.00%
Sudan	1	0.2 %	0	1	1	0.00%
Switzerland	1	0.2 %	2	0	2	100.00%
Uruguay	1	0.2 %	0	0	0	0.00%
France	0	0.0%	1	0	1	100.00%
Sweden	0	0.0%	0	1	1	0.00%
Ukraine	0	0.0%	1	0	1	100.00%
<b>Summary</b>	<b>511</b>	<b>100.0 %</b>	<b>125</b>	<b>365</b>	<b>490</b>	<b>25.51%</b>

## Impact factor and Journal Citation Report data

In 2013, *JVDI*'s Impact Factor (IF) was 1.232. The journal was ranked 39 out of 129 in the Journal Citation Report's Veterinary Sciences category. In 2012 the journal's IF was 1.181. The 2013 IF represents a 4% increase from 2012. The following chart shows the journal's 2-year IF over the past five years.



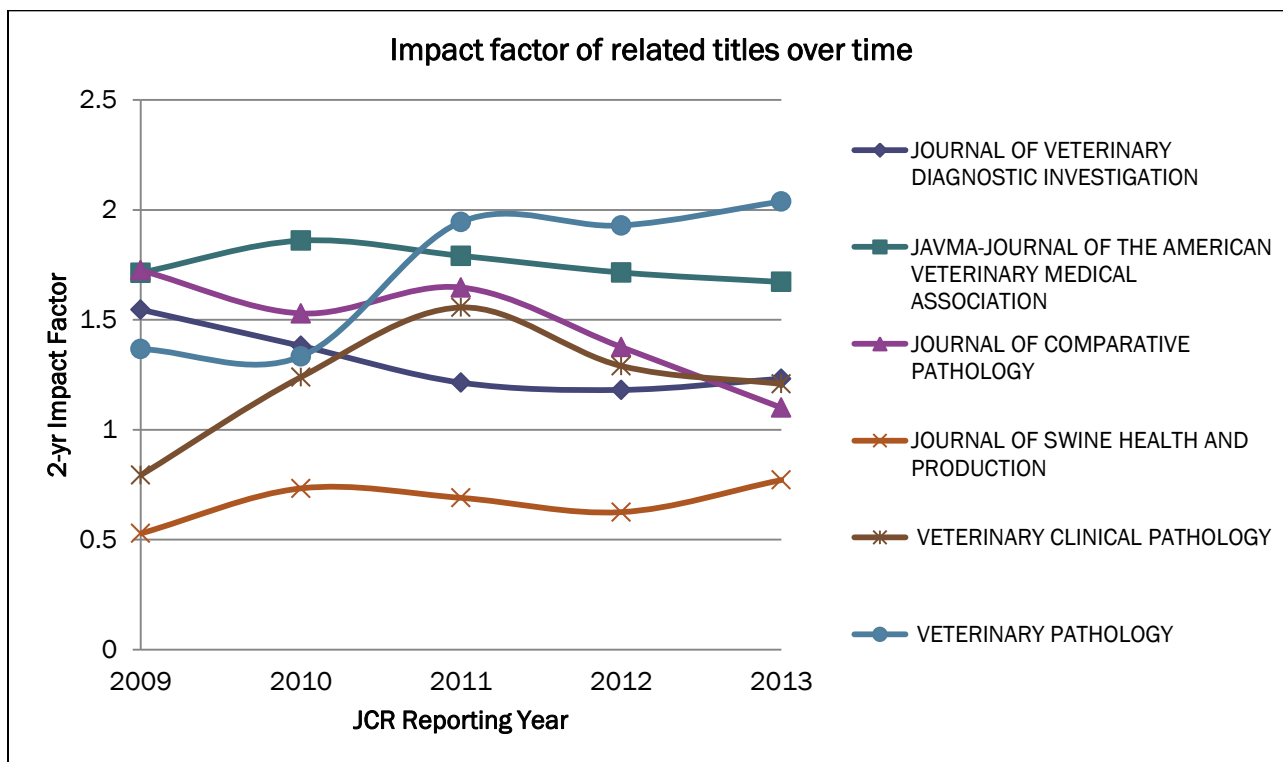
The following table summarizes more JCR metrics for *JVDI*.

Metric	2011	2012	2013	% Change 2012-2013
Impact factor	1.214	1.181	1.232	4.3%
Ranking in category	43/143	53/142	39/129	-
# papers published	209	192	128	-33.3%
Immediacy index	0.187	0.125	0.266	112.8%
Cited half life	8.7	8.1	8.3	2.5%
Total citations	3,243	3,497	3,703	5.9%
Eigenfactor	0.00618	0.00629	0.00595	-5.4%
Article influence	0.444	0.426	0.392	-7.9%
5-year impact factor	1.557	1.556	1.433	-7.9%

If you're unfamiliar, the following table provides definitions from some the JCR metrics provided above

Term	Definition
Impact factor	The impact factor is a measure of the importance of a journal and is calculated by dividing the number of citations in the JCR year by the total number of citable articles published in the two previous years
Immediacy index	The average number of times an article is cited in the year it is published.
Cited half life	The median age of articles that were cited in the JCR year.
Eigenfactor	The score measures the number of times articles from the journal published in the past five years have been cited in the JCR year. The Eigenfactor counts citations from journals in both the SCI and SSCI and eliminates self-citations.
Article influence	Measures the relative importance of the journal on a per-article basis. It is the journal's Eigenfactor score divided by the fraction of articles of articles published in the journal. The fraction is normalized. So that the sum total of articles from all journals is 1.
5-year impact factor	Similar to the impact factor but is based the number of times articles published in the past five years have been cited in the JCR year, rather than just the past two years.

The following chart shows the impact factor of related titles over the past five years.



## Cited Articles

The table below shows the top 15 most cited articles in 2013 from publication years 2011 and 2012, the years that comprised *JVDI*'s 2013 IF. Note that the number of citations refers to the times the article has been cited in other journals indexed in the Web of Science.

Top 15 Cited <i>JVDI</i> Articles in 2013 from Publication Years 2011 – 2012						
Title	Authors	Year	Vol	Iss	Total cites in 2012	
<b>Serologic tests for detecting antibodies against <i>Mycobacterium bovis</i> and <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> in Eurasian wild boar (<i>Sus scrofa scrofa</i>)</b>	Boadella, Mariana; Lyashchenko, Konstantin; Greenwald, Reena; Esfandiari, Javan; Jaroso, Raquel; Carta, Tania; Garrido, Joseba M.; Vicente, Joaquin; de la Fuente, Jose; Gortazar, Christian	2011	23	1	11	
<b>Newcastle disease: a review of field recognition and current methods of laboratory detection</b>	Cattoli, Giovanni; Susta, Leonardo; Terregino, Calogero; Brown, Corrie	2011	23	4	11	
<b>Antigenic relationships between Bovine viral diarrhea virus 1 and 2 and HoBi virus: Possible impacts on diagnosis and control</b>	Bauermann, Fernando V.; Flores, Eduardo F.; Ridpath, Julia F.	2012	24	2	10	
<b>Epidemic and economic impacts of delayed detection of foot-and-mouth disease: a case study of a simulated outbreak in California</b>	Carpenter, Tim E.; O'Brien, Joshua M.; Hagerman, Amy D.; McCarl, Bruce A.	2011	23	1	8	

<b>Phenotypic and molecular characterization of a novel strongly hemolytic <i>Brachyspira</i> species, provisionally designated <i>Brachyspira hamptonii</i></b>	Chander, Yogesh; Primus, Alexander; Oliveira, Simone; Gebhart, Connie J.	2012	24	5	8
<b>A ten-year (2000-2009) study of antimicrobial susceptibility of bacteria that cause bovine respiratory disease complex-<i>Mannheimia haemolytica</i>, <i>Pasteurella multocida</i>, and <i>Histophilus somni</i>-in the United States and Canada</b>	Portis, Ellen; Lindeman, Cynthia; Johansen, Lacie; Stoltman, Gillian	2012	24	5	8
<b>Emergence and pathogenicity of highly pathogenic Porcine reproductive and respiratory syndrome virus in Vientiane, Lao People's Democratic Republic</b>	Ni, Jianqiang; Yang, Shibiao; Bounlom, Douangneun; Yu, Xiuling; Zhou, Zhi; Song, Jianling; Khamphouth, Vongxay; Vatthana, Theppannga; Tian, Kegong	2012	24	2	8
<b>Selection of a cutoff value for real-time polymerase chain reaction results to fit a diagnostic purpose: analytical and epidemiologic approaches</b>	Caraguel, Charles G. B.; Stryhn, Henrik; Gagne, Nellie; Dohoo, Ian R.; Hammell, K. Larry	2011	23	1	7
<b>Comparative virulence of clinical <i>Brachyspira</i> spp. isolates in inoculated pigs</b>	Burrough, Eric R.; Strait, Erin L.; Kinyon, Joann M.; Bower, Leslie P.; Madson, Darin M.; Wilberts, Bailey L.; Schwartz, Kent J.; Frana, Timothy S.; Songer, J. Glenn	2012	24	6	7
<b>Quantification of Equid herpesvirus 5 DNA in clinical and necropsy specimens collected from a horse with equine multinodular pulmonary fibrosis</b>	Marenzoni, Maria Luisa; Passamonti, Fabrizio; Lepri, Elvio; Cercone, Marta; Capomaccio, Stefano; Cappelli, Katia; Felicetti, Michela; Coppola, Giacomo; Coletti, Mauro; Thiry, Etienne	2011	23	4	7
<b>Q fever diagnosis in domestic ruminants: comparison between complement fixation and commercial enzyme-linked immunosorbent assays</b>	Horigan, Mark W.; Bell, Michael M.; Pollard, Tim R.; Sayers, Anthony R.; Pritchard, Geoff C.	2011	23	5	6
<b><i>Clostridium difficile</i> in retail meat and processing plants in Texas</b>	Harvey, Roger B.; Norman, Keri N.; Andrews, Kathleen; Norby, Bo; Hume, Michael E.; Scanlan, Charles M.; Hardin, Margaret D.; Scott, Harvey M.	2011	23	4	6
<b>Listeriosis outbreak in dairy cattle caused by an unusual <i>Listeria monocytogenes</i> serotype 4b strain</b>	Bundrant, Brittany N.; Hutchins, Tony; den Bakker, Henk C.; Fortes, Esther; Wiedmann, Martin	2011	23	1	6
<b>Detection of <i>Anaplasma phagocytophilum</i> in Brazilian dogs by real-time polymerase chain reaction</b>	Santos, Huarrisson A.; Pires, Marcus S.; Vilela, Joice A. R.; Santos, Tiago M.; Faccini, Joao L. H.; Baldani, Cristiane D.; Thome, Sandra M. G.; Sanavria, Argemiro; Massard, Carlos L.	2011	23	4	6
<b>Detection of Influenza A virus in porcine oral fluid samples</b>	Detmer, Susan E.; Patnayak, Devi P.; Jiang, Yin; Gramer, Marie R.; Goyal, Sagar M.	2011	23	2	5

For comparison, the following table shows the top ten journal articles from 2012 and 2013 that were cited the most in 2014 YTD.

Top 10 Cited <i>JVDI</i> Articles in 2014 from Publication Years 2012 – 2013						
Title	Authors	Year	Vol	Iss	Total cites in 2013	
<b>Emergence of Porcine epidemic diarrhea virus in the United States: clinical signs, lesions, and viral genomic sequences</b>	Stevenson, Gregory W.; Hoang, Hai; Schwartz, Kent J.; Burrough, Eric R.; Sun, Dong; Madson, Darin; Cooper, Vickie L.; Pillatzki, Angela; Gauger, Philip; Schmitt, Beverly J.; Koster, Leo G.; Killian, Mary L.; Yoon, Kyoungjin J.	2013	25	5	10	
<b>Phenotypic and molecular characterization of a novel strongly hemolytic <i>Brachyspira</i> species, provisionally designated <i>Brachyspira hampsonii</i></b>	Chander, Yogesh; Primus, Alexander; Oliveira, Simone; Gebhart, Connie J.	2012	24	5	8	
<b>A ten-year (2000-2009) study of antimicrobial susceptibility of bacteria that cause bovine respiratory disease complex-Mannheimia haemolytica, Pasteurella multocida, and Histophilus somni-in the United States and Canada</b>	Portis, Ellen; Lindeman, Cynthia; Johansen, Lacie; Stoltman, Gillian	2012	24	5	7	
<b>Comparative virulence of clinical <i>Brachyspira</i> spp. isolates in inoculated pigs</b>	Burrough, Eric R.; Strait, Erin L.; Kinyon, Joann M.; Bower, Leslie P.; Madson, Darin M.; Wilberts, Bailey L.; Schwartz, Kent J.; Frana, Timothy S.; Songer, J. Glenn	2012	24	6	6	
<b>c-KIT messenger RNA and protein expression and mutations in canine cutaneous mast cell tumors: correlations with post-surgical prognosis</b>	Giantin, Mery; Vascellari, Marta; Morello, Emanuela Maria; Capello, Katia; Vercelli, Antonella; Granato, Anna; Lopparelli, Rosa Maria; Nassuato, Chiara; Carminato, Antonio; Martano, Marina; Mutinelli, Franco; Dacasto, Mauro	2012	24	1	5	
<b>Assessment of ruminal hydrogen sulfide or urine thiosulfate as diagnostic tools for sulfur-induced polioencephalomalacia in cattle</b>	Drewnoski, Mary E.; Ensley, Steve M.; Beitz, Don C.; Schoonmaker, Jon P.; Loy, Dan D.; Imerman, Paula M.; Rathje, John A.; Hansen, Stephanie L.	2012	24	4	5	
<b>Acute bovine viral diarrhea associated with extensive mucosal lesions, high morbidity, and mortality in a commercial feedlot</b>	Hessman, Bill E.; Sjeklocha, David B.; Fulton, Robert W.; Ridpath, Julia F.; Johnson, Bill J.; McElroy, Diana R.	2012	24	2	5	
<b>Comparison of fecal DNA extraction kits for the detection of <i>Mycobacterium avium</i> subsp paratuberculosis by polymerase chain reaction</b>	Leite, Fernando L.; Stokes, Kevin D.; Robbe-Austerman, Suelee; Stabel, Judith R.	2013	25	1	5	
<b>Antigenic relationships between Bovine viral diarrhea virus 1 and 2 and HoBi virus: Possible impacts on diagnosis and control</b>	Bauermann, Fernando V.; Flores, Eduardo F.; Ridpath, Julia F.	2012	24	2	4	
<b>Detection of Porcine reproductive and respiratory syndrome virus (PRRSV) antibodies in oral fluid specimens using a commercial PRRSV serum antibody enzyme-linked immunosorbent assay</b>	Kittawornrat, Apisit; Prickett, John; Wang, Chong; Olsen, Chris; Irwin, Christa; Panyasing, Yaowalak; Ballagi, Andrea; Rice, Anna; Main, Rodger; Johnson, John; Rademacher, Chris; Hoogland, Marlin; Rowland, Raymond; Zimmerman, Jeffrey	2012	24	2	4	

## Top Journals Citing *JVDI*

The table below shows the top ten journals that cited *JVDI* articles in the 2013 *Journal Citation Report*.

Impact Factor	Citing Journal	Cited Year											
		All Yrs	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	Rest
	All Journals	3,703	34	206	288	296	232	276	263	199	165	134	1,610
	ALL OTHERS (238)	238	1	6	25	14	15	26	22	17	9	6	97
2.726	<a href="#">VET MICROBIOL</a>	218	3	13	7	23	8	15	15	11	7	8	108
1.232	<a href="#">J VET DIAGN INVEST</a>	134	6	20	8	14	6	13	6	6	6	5	44
3.534	<a href="#">PLOS ONE</a>	127	2	8	14	6	6	12	3	6	4	6	60
1.883	<a href="#">J VIROL METHODS</a>	82	0	7	2	4	8	5	4	13	1	2	36
2.038	<a href="#">VET PATHOL</a>	81	0	4	7	4	5	8	11	3	7	1	31
0.437	<a href="#">PESQUI VET BRASIL</a>	80	1	5	9	7	2	7	3	6	6	1	33
1.511	<a href="#">RES VET SCI</a>	70	0	7	7	1	5	5	10	3	2	2	28
2.165	<a href="#">VET J</a>	70	0	5	10	9	2	11	2	3	1	1	26
1.743	<a href="#">BMC VET RES</a>	67	1	6	6	4	4	5	1	7	4	4	25

## Top Journals Cited In *JVDI*

The table below shows the top ten journals that were cited in *JVDI* in 2013.

Impact Factor	Cited Journal	Cited Year											
		All Yrs	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	Rest
	All Journals	3,104	54	195	240	214	157	178	184	140	152	120	1,470
	ALL OTHERS (576)	576	13	32	51	45	22	33	33	29	26	27	265
1.232	<a href="#">J VET DIAGN INVEST</a>	134	6	20	8	14	6	13	6	6	6	5	44
2.726	<a href="#">VET MICROBIOL</a>	120	0	9	12	10	12	10	6	7	7	7	40
4.232	<a href="#">J CLIN MICROBIOL</a>	89	0	5	4	3	3	8	8	1	8	2	47
1.672	<a href="#">JAVMA-J AM VET MED A</a>	66	0	2	2	4	0	1	3	3	0	0	51
2.038	<a href="#">VET PATHOL</a>	61	1	2	3	2	4	3	4	2	3	1	36
1.107	<a href="#">AVIAN DIS</a>	57	0	0	2	0	2	1	1	0	5	1	45
1.633	<a href="#">VET REC</a>	56	1	0	0	1	4	2	3	2	2	2	39
1.305	<a href="#">J WILDLIFE DIS</a>	51	0	1	4	3	1	1	3	1	5	2	30
1.214	<a href="#">AM J VET RES</a>	48	0	2	0	0	0	2	0	1	3	0	40

## OPEN ACCESS

For the first time, we're dedicating a section of this report to open access (OA). While we've been discussing OA policies and models with our partners for several years, the number of OA developments in 2013 merits attention. We'll start with a quick overview and then share the latest developments.

### Overview

OA is a publishing model whereby research articles are made freely available on the open Web. There are two forms of OA: Green and Gold. Green OA archiving is when manuscripts, usually the accepted/post-peer-review versions, are made freely available via an institutional repository or an author's website. Gold OA is where a final published article is made freely available, usually within a subscription-based journal and for a fee or article processing charge (APC).

SAGE supports both Green and Gold OA. By virtue of our author posting policy, authors can deposit their accepted/post-peer-review manuscript in their institutional repository, or post the manuscript on their website, upon acceptance. As for PubMed Central (PMC) or other subject repositories, manuscripts are embargoed, or must not be made available, until 12 months after publication. Alternatively, through our SAGE Choice program, authors can pay to have their final article made freely available upon publication. We'll also deposit the article into PMC on the authors' behalf.

The timeline below shows the evolution of OA and highlights several recent developments, including the White House's directive for most federally funded research, either in the form of the final peer-reviewed manuscript or the final published article, to be made freely available to the public no later than 12-months after publication. This policy change, in concert with a similar policy enacted by the United Kingdom and the European Commission, may have profound effects on scholarly publishing and journals like *JVDI*.

Open access timeline	Milestone / SAGE development
2000 20,700 OA articles published p/yr	<ul style="list-style-type: none"> <li>BioMed Central, the first major OA journal publisher, incorporates.</li> </ul>
2001	
2002	<ul style="list-style-type: none"> <li>The Budapest Open Access Declaration, a defining event in the OA movement, is signed.</li> </ul>
2003	<ul style="list-style-type: none"> <li>PLOS, or the Public Library of Science, launches PLOS Biology.</li> </ul>
2004	
2005 105,000 articles	
2006	<ul style="list-style-type: none"> <li>PLOS launches <i>PLOS One</i>, the first open access "mega journal."</li> </ul>
2007	<ul style="list-style-type: none"> <li>SAGE partners with HINDAWI to start an open access publishing program and experiment with business models</li> </ul>
2008	<ul style="list-style-type: none"> <li>NIH Public Access Act becomes law and requires that NIH funded papers must be freely accessible within 12 months of publication.</li> <li>SAGE helps form the Open Access Scholarly Publishers Association (OASPA), an industry group dedicated to promoting OA best practices.</li> </ul>
2009	<ul style="list-style-type: none"> <li>The Compact for Open Access Equity (COPE), a declaration of US research universities and their libraries, forms and calls for institutions to set aside funds to pay author fees.</li> </ul>

2010	<ul style="list-style-type: none"> <li>• Harvard University announces its open access policy mandating OA publishing for its faculty authors, the first such policy at a major US institution.</li> <li>• SAGE launches <i>SAGE Open</i>, the first OA mega-journal for the humanities and social sciences.</li> </ul>
2011 340,000 articles 6,713 OA journals	<ul style="list-style-type: none"> <li>• <i>PLOS One</i> becomes world's largest journal, publishing 14,000 articles a year</li> </ul>
2012	<ul style="list-style-type: none"> <li>• UK adopts the Finch Report, requiring any publically funded research to be made freely available no more than six months after publication, to be implemented by 2014.</li> <li>• <i>SAGE Open Medicine</i>, <i>SAGE Open Engineering</i>, and <i>SAGE Open Medical Case Reports</i> launch.</li> </ul>
2013 9,804 OA journals 2,250 OA repositories 240 institutions with OA mandates	<ul style="list-style-type: none"> <li>• The White House Office of Science and Technology Policy (OSTP) announces a goal of making any research funded by a federal agency with an R&amp;D budget of over \$100M freely accessible to the public no later than 12-months after publication.</li> <li>• Also, the European Commission announces its support of the UK OA policy and sets goal that 60% of funded research will be freely available by 2016.</li> <li>• SAGE reduces its <i>SAGE Choice/Gold-OA</i> fee for many of its humanities and social science journals to make OA publishing more accessible for authors.</li> </ul>

## Latest developments

SAGE is making a significant investment in OA publishing. We believe that OA journals will complement our existing journals program, providing an alternative route to publication for authors who are required to pursue, or are simply interested in, an open access option.

We currently publish 15 Gold-OA journals and have plans to launch 40 more in the next two years. Gold-OA is now an established business model. The success of journals like *PLOS One* and publishers like *BioMed Central* show that OA publishing is not just commercially viable but profitable. Further, OA can support high-quality scholarly work and not just vanity publication. SAGE firmly believes OA journals can and must be held to the same standards for ethics, research integrity, and methodological soundness as other journals. As we expand our OA program scholarly contribution and quality are our first considerations.

As noted in the timeline, there's been tremendous growth in OA publishing and both SAGE and *JVDI* must position ourselves for the future. We must weigh the benefits of OA against the threats it poses for existing journals and subscription revenues. Our general approach is to evaluate the impact of OA through judicious experimentation that minimizes business risk. We encourage our partners to adopt a similar approach.

What does this all mean for journals like *JVDI* and SAGE?

In the short term (2-3 years):

- The editorial office is likely to receive more queries about the journal's open access policies and offerings.
- There'll be pressure from authors to reduce decision and publication times as OA journals often have shorter review cycles and publish papers faster.
- As more institutions and funding agencies set aside funds to cover APCs, the number of authors opting into the SAGE Choice program is likely to increase
- With more OA journals launching there may be greater competition for manuscript submissions.
- The value of established journals as gatekeepers, or validators of quality research, is likely to increase.
- Most journals' circulation and finances will be unaffected by the wider adoption of OA.
- SAGE will continue to develop its OA policies, APC structure, and will report back regularly.

- We'll continue to experiment and pay close attention to the market.
- With so many OA policies under consideration at both the institutional and governmental level, it's imperative to stay informed and advocate for deliberate and sensible OA policies that work for the entire scholarly community.

In the long term (>3 years):

- The future is uncertain. While our experience shows that adoption of Green OA has not affected subscription revenues we do not have conclusive data on how Gold OA may affect revenues in the future. Gold OA mandates, like those recently enacted in the UK, and particularly mandates with short embargo periods, may create financial pressures on journals and our society partners.
- We expect the rapid growth of OA to continue. Some predictive models, like those by Laakso and Bjork, show that the number of OA articles published per year will exceed the number published in subscription-based journals by 2017. As such, small journals, especially those that aren't well established, may face acute challenges to maintain their paper flows and subscription bases

While we don't intend to be alarmist, we do want to convey both the rapid pace of change and our long-term uncertainty. SAGE was founded to support the wide dissemination of scholarly literature. We have offered OA publishing options for numerous years and will continue to experiment with and support OA publishing in the future. We're committed to working with authors, editors, and society partners, keeping you informed, and advocating for OA models and policies that support the entire community.

Please contact your Publishing Editor if you'd like more information or if you have any questions.



# APPENDIX I

## JVDI's SAGE team

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## APPENDIX II

### Using social media to promote *JVDI*

1. **Contribute to Wikipedia** – We recognize that many students use Wikipedia as the starting point for their research. If there are pages that relate to themes, subjects or research that your journal covers, add your journal as a reference, with a link to it on SAGE Journals. We have now also created a basic page for *JVDI*. Adding additional content to it will increase the discoverability of the journal.
2. **Join Facebook or LinkedIn** – Setting up a Facebook page for your journal is a simple way of engaging with readers outside the journal itself. SAGE can provide you with guidelines on how to make the most of the opportunity. LinkedIn is a network of professionals worldwide, with more than 55 million members. When setting up your profile remember to include mention of your journal. You can also use the site to connect with authors you would like to publish or set up a group for your journal.
3. **Upload videos and audio** – User-generated and multimedia content – e.g. podcasts and YouTube videos – are an increasingly important research resource, especially for students. If you already have video content relevant to your journal or to specific articles please let us know and we will add it to the SAGE YouTube channel. If you are interested in exploring multimedia content for your journal further, please speak to your SAGE Editor. 
4. **Join Twitter** – Twitter is a micro-blogging service that enables its users to send and read short text-based messages known as tweets. Twitter allows you to set up search terms so you can monitor what is being talked about in your areas of interest – you can then comment on the relevant conversations. The more you engage, the more people will follow you to listen to your comments and recommendations. As followers come to you, rather than you approaching them, Twitter is an ideal way to reach new audiences. SAGE has guidelines to support setting up and using Twitter. Should you have an existing twitter account, please let us know and we will endeavor to re-tweet your content.
5. **Join academic social networking sites** – Academics, researchers and students use online social communities as a way of meeting and exchanging ideas with people who share the same research interests. These sites offer an immediate way to monitor what other people are looking at in your field or as a way to commission papers around online conversations. If there aren't any groups talking about your research interests – set one up. Take a look at Academia.edu, Mendeley.com or ResearchGate.net.
6. **Start blogging** – Linking journals to blogs is an excellent way of enhancing discoverability. Search engines such as Google rate blogs highly when determining page rankings. There are various ways in which you can get involved.
  - Start a blog dedicated to your journal to provide an interactive forum for discussing articles, features and developments. This could be a great way of encouraging the wider community to engage with what the journal is publishing. SAGE can provide a blogging template and guidelines – please get in touch if you would like further information.
  - Create your own personal blog. Wondering what to write about? What about developments in your area of research:
    - Papers that you have published – and/or other related papers in your field of research?
    - Conferences and training events that you're due to speak at?
    - Any interesting questions that came up at the last conference you attended?
    - What you think of any recent press coverage of your subject area?
    - Identify any bloggers in your field and participate in discussions by posting comments – don't forget to link to your journal!
7. **Engage with other websites** – Which websites do you visit regularly? Do you participate in online discussions or are you a member of any groups that send you email newsletters or updates? Your journal (or specific articles) could feature on these – why not post a message to your discussion group with a link to your journal, or ask the editor of the email newsletter to include a mention of your latest issue if it is relevant to an online discussion? 

# 2014 Journal Citation Reports® (Thomson Reuters, 2014) Data for *Journal of Veterinary Diagnostic Investigation (JVDI)*

## Overview

The systematic ranking of academic journals by Thomson Reuters (formerly ISI) in its annual Journal Citation Reports® (JCR) has gained significant attention and importance in recent years, especially because

- Faculty members undergoing the tenure review process are expected to have published their work in ranked journals,
- Librarians now consider a journal's rank when making subscription decisions,
- Publishers stand to gain in reputation and market share by producing ranked titles, and
- Some countries grant university funding based on the publication records of their faculty, specifically in ranked journals.

Approximately 30% of all journals are indexed in the JCR. The journals are divided into "subject categories" and given a ranking within each category based on a metric for measuring citation activity known as the "impact factor". This document contains useful data that will help you assess your journal's performance against its competitors. Data included are as follows:

- Glossary of JCR terminology
- 2014 release journal data, including impact factor, total cites, citing half-life, and more
- Impact factor trend graph
- 2014 release category ranking(s) and journal ranking history
- Citing and cited journal lists
- List of all articles published in your journal the two-year impact factor period with the number of citations they received in 2013
- Strategies for boosting impact factor

Starting this year, Thomson Reuters is changing how they reference the Journal Citation Reports (JCR). They will now reference the year of the release, rather than the year of evaluation. This means that the new JCR will be the 2014 release of the 2013 Impact Factor. Please see the glossary of terms for more information.

## Glossary of Terms

Term	Definition
Impact Factor	<p>Average number of times articles from the journal published in the past two years have been cited in the JCR year. Impact Factor for 2013 is calculated as follows:</p> $\frac{\text{Cites in 2013 to citable articles published in 2011 \& 2012}}{\text{Number of citable articles published in 2011 \& 2012}}$ <p>(Note: only citations appearing in ranked journals are used in the calculation.)</p>
5-Year Impact Factor	<p>The 5-year impact factor is calculated exactly the same way that the original, 2-year impact factor is, but across five years rather than two, as follows for the 2013 figure:</p> $\frac{\text{Citations in 2013 to articles published in 2012, 2011, 2010, 2009, and 2008}}{\text{Total number of articles published in 2012, 2011, 2010, 2009, and 2008}}$

Term	Definition
Immediacy Index	Average number of times an article is cited in the year it is published. Immediacy Index is calculated as follows: $\frac{\text{Cites in 2013 to articles published in 2013}}{\text{Number of articles published in 2013}}$
Cited Half-Life	Median age of the articles that were cited in the JCR year. Half of a journal's cited articles were published more recently than the cited half-life.
Self-Cites	Articles in a journal citing articles previously published in that same journal.
Eigenfactor Score	The <i>Eigenfactor</i> score measures not just the number of citations, but the quality of citations as well. Cites from articles with few citations count more than cites from articles with many citations. This tends to even out different citation patterns between disciplines. Citations from journals that are heavily cited also count more than cites from journals that are rarely cited. <i>Eigenfactor</i> also removes self-citations from the calculation, a notable difference between <i>Eigenfactor</i> and impact factor. When all other metrics are equal, a journal's <i>Eigenfactor</i> score doubles when it doubles in size.
Article Influence Score	A journal's <i>Article Influence</i> score is a measure of the average influence of each of its articles over the first five years after publication. <i>Article Influence</i> measures the average influence, per article, of the papers in a journal. As such, it is comparable to impact factor, though like <i>Eigenfactor</i> , it also discounts any weight from self-citations. The <i>Article Influence</i> essentially takes the <i>Eigenfactor</i> value, and divides it by the number of articles published in the journal as a percentage of total JCR articles to make a score comparable to the impact factor. So, instead of measuring journal influence like the <i>Eigenfactor</i> , it measures influence per article, more like the impact factor.

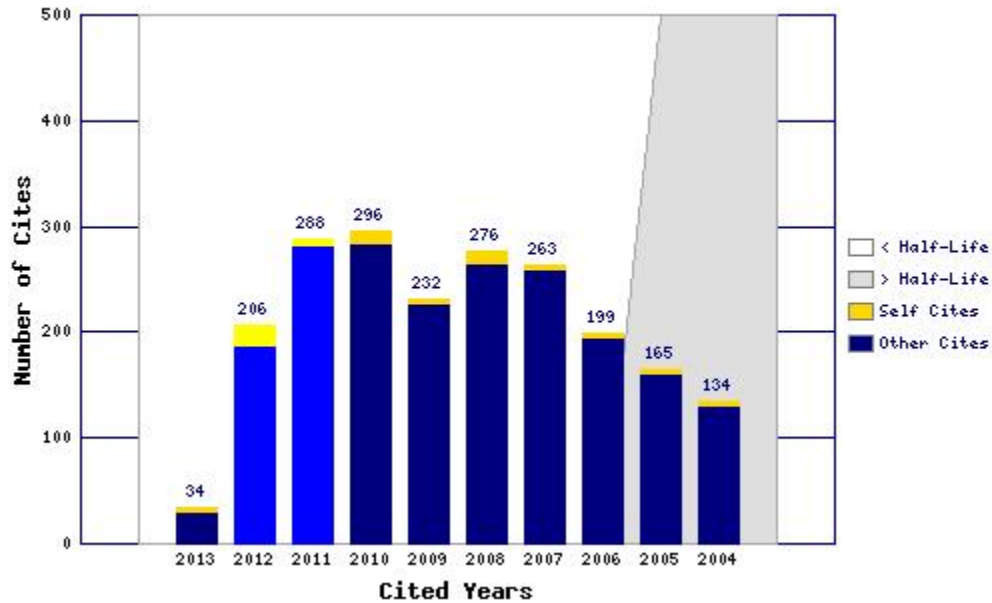
**JVDI Data**

Total Cites	Impact Factor	5-Year Impact Factor	Citable Items	Immed. Index	Cited 1/2-Life
3703	1.232	1.433	128	0.266	9.3

\* Self-citations often represent about 13% of the citations that a journal receives.

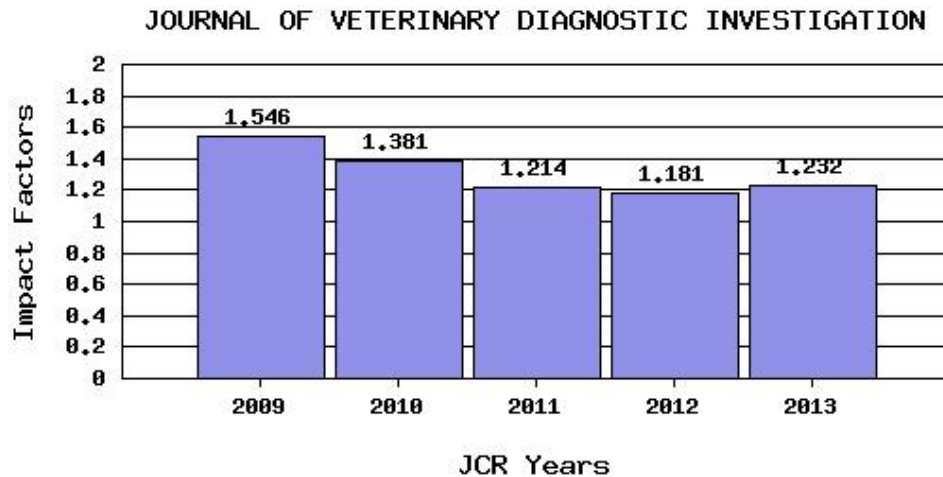
### Citations to the journal (per cited year)

This graph shows the distribution by cited year of citations to articles published in *JVDI*.



- The white/grey division indicates the cited half-life (if < 10.0). Half of the journal's cited articles were published more recently than the cited half-life.
- The top (gold) portion of each column indicates Journal Self Citations: citations to articles in the journal from articles in the same journal.
- The bottom (blue) portion of each column indicates Non-Self Citations: citations to the journal from articles in other journals.
- The two lighter columns indicate citations used to calculate the Impact Factor (always the 2nd and 3rd columns).

### Impact Factor Trend



## 2013 Category Ranking(s)

### Category: VETERINARY SCIENCES

Rank	Abbreviated Journal Title	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-Life	Eigenfactor Score	Article Influence Score
1	<a href="#">VET RES</a>	3521	3.383	3.849	0.339	124	6.7	0.00728	1.08
2	<a href="#">TRANSBOUND EMERG DIS</a>	866	3.116	2.622	0.783	106	2.5	0.00324	0.655
3	<a href="#">FISH SHELLFISH IMMUN</a>	8000	3.034	3.452	0.466	440	5	0.01228	0.558
4	<a href="#">VET MICROBIOL</a>	12896	2.726	3.123	0.637	488	5.8	0.02778	0.823
5	<a href="#">VET PARASITOL</a>	14204	2.545	2.719	0.608	498	6.6	0.02169	0.578
6	<a href="#">PREV VET MED</a>	4966	2.506	2.53	0.408	218	7.2	0.00805	0.6
7	<a href="#">EQUINE VET J</a>	6124	2.369	2.267	0.993	138	>10.0	0.00698	0.527
8	<a href="#">MED VET ENTOMOL</a>	2890	2.333	2.512	0.74	50	>10.0	0.00379	0.753
9	<a href="#">MED MYCOL</a>	3132	2.261	2.205	0.542	120	5.3	0.00832	0.667
10	<a href="#">J VET INTERN MED</a>	5410	2.224	2.378	0.293	208	6.9	0.00925	0.59
11	<a href="#">VET J</a>	5621	2.165	2.48	0.63	413	5	0.01431	0.646
12	<a href="#">COMP IMMUNOL MICROB</a>	1307	2.107	2.367	0.726	62	6.2	0.00267	0.635
13	<a href="#">ZOOZOSES PUBLIC HLTH</a>	1155	2.065	2.352	0.848	66	3.7	0.00447	0.649
14	<a href="#">AVIAN PATHOL</a>	2866	2.041	2.139	0.237	76	>10.0	0.00352	0.572
15	<a href="#">VET PATHOL</a>	4473	2.038	1.893	0.42	138	>10.0	0.00601	0.548
16	<a href="#">VET DERMATOL</a>	1575	1.993	2.292	0.402	102	5.3	0.0029	0.473
17	<a href="#">THERIOGENOLOGY</a>	12505	1.845	2.146	0.369	309	8.5	0.01577	0.532
18	<a href="#">J MED ENTOMOL</a>	7352	1.815	2.255	0.42	169	9.9	0.00948	0.645
19	<a href="#">ANIMAL</a>	2506	1.784	1.922	0.27	282	3.7	0.00992	0.548
20	<a href="#">VET ANAESTH ANALG</a>	1210	1.776	1.986	0.281	89	5.3	0.00265	0.45
21	<a href="#">VET CLIN N AM-FOOD A</a>	1289	1.75	1.93	0.417	36	9.8	0.0019	0.565
22	<a href="#">VET IMMUNOL IMMUNOP</a>	5933	1.748	1.978	0.351	205	7.2	0.00962	0.458
23	<a href="#">BMC VET RES</a>	1194	1.743	1.979	0.257	265	2.8	0.00418	0.52
24	<a href="#">IRISH VET J</a>	295	1.706	0.567	0.125	24	6.3	0.00067	0.162
25	<a href="#">JAVMA-J AM VET MED A</a>	11091	1.672	1.906	0.701	231	>10.0	0.00797	0.509
26	<a href="#">VET REC</a>	9859	1.633	1.579	0.552	250	>10.0	0.00983	0.411
27	<a href="#">APPL ANIM BEHAV SCI</a>	6323	1.626	2.016	0.206	141	9.7	0.0072	0.497
28	<a href="#">DIS AQUAT ORGAN</a>	5086	1.586	1.874	0.244	127	9.5	0.00582	0.52
29	<a href="#">RES VET SCI</a>	4578	1.511	1.597	0.231	338	8.3	0.00782	0.426
30	<a href="#">J FISH DIS</a>	3282	1.507	1.941	0.63	108	9.2	0.00434	0.481
31	<a href="#">VET COMP ONCOL</a>	352	1.448	1.428	0.37	27	4.6	0.00089	0.349
32	<a href="#">PAK VET J</a>	709	1.392	1.199	0.12	125	3.2	0.00128	0.193
33	<a href="#">ACTA VET SCAND</a>	1544	1.382	1.719	0.216	88	>10.0	0.00261	0.481
34	<a href="#">VET RES COMMUN</a>	1827	1.364	1.116	0.308	39	8	0.00248	0.285
35	<a href="#">J VET PHARMACOL THER</a>	2111	1.323	1.502	0.186	86	9.2	0.00258	0.349
36	<a href="#">J ANIM PHYSIOL AN N</a>	1283	1.317	1.263	0.261	138	5.4	0.00306	0.339
37	<a href="#">J WILDLIFE DIS</a>	3907	1.305	1.419	0.25	148	>10.0	0.00516	0.423
38	<a href="#">VET RADIOL ULTRASOUN</a>	2009	1.262	1.214	0.192	78	8.7	0.00264	0.288
39	<a href="#">J VET DIAGN INVEST</a>	3703	1.232	1.433	0.266	128	8.3	0.00595	0.392
40	<a href="#">ANIM WELFARE</a>	1385	1.228	1.39	0.298	57	8	0.0024	0.444
41	<a href="#">J VET BEHAV</a>	399	1.221	1.55	1.104	67	3.3	0.001	0.349

Rank	Abbreviated Journal Title	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-Life	Eigenfactor Score	Article Influence Score
42	<a href="#">J VET EMERG CRIT CAR</a>	811	1.22	1.484	0.419	74	4.5	0.00202	0.354
43	<a href="#">J FELINE MED SURG</a>	1513	1.219	1.431	0.263	152	4.8	0.00288	0.271
43	<a href="#">NEW ZEAL VET J</a>	1457	1.219	1.322	0.443	61	>10.0	0.00182	0.385
45	<a href="#">AM J VET RES</a>	9548	1.214	1.468	0.242	194	>10.0	0.00712	0.4
46	<a href="#">VET CLIN PATH</a>	1109	1.208	1.395	0.121	91	6.3	0.00208	0.33
47	<a href="#">REPROD DOMEST ANIM</a>	2828	1.177	1.442	0.202	178	4.9	0.00825	0.393
48	<a href="#">EXP ANIM TOKYO</a>	750	1.172	1.117	0.143	42	8.2	0.00161	0.389
49	<a href="#">TOP COMPANION ANIM M</a>	184	1.16	1.386	0.034	29	3.9	0.00087	0.396
50	<a href="#">J VET SCI</a>	805	1.142	1.317	0.029	70	5.9	0.00185	0.358
51	<a href="#">AVIAN DIS</a>	4816	1.107	1.584	0.148	128	>10.0	0.00507	0.422
52	<a href="#">J COMP PATHOL</a>	2798	1.1	1.394	0.195	113	>10.0	0.0028	0.354
53	<a href="#">VET OPHTHALMOL</a>	1281	1.087	1.185	0.228	101	6.6	0.00156	0.23
54	<a href="#">VET CLIN N AM-EQUINE</a>	935	1.054	1.374	0.077	39	>10.0	0.00129	0.388
55	<a href="#">ILARJ</a>	993	1.051	1.789	1.105	19	7.6	0.00201	0.603
56	<a href="#">VET CLIN N AM-SMALL</a>	1969	1.039	1.679	0.133	75	9.9	0.0032	0.499
57	<a href="#">JPN J VET RES</a>	182	1.032	0.868	0	25	9.7	0.00029	0.228
58	<a href="#">VET COMP ORTHOPAED</a>	914	1.031	1.18	0.304	79	5.5	0.00171	0.249
59	<a href="#">AUST VET J</a>	3137	1.018	1.067	1.125	88	>10.0	0.00235	0.288
60	<a href="#">VET SURG</a>	3003	0.989	1.532	0.235	136	8.4	0.00373	0.337
61	<a href="#">TROP ANIM HEALTH PRO</a>	2034	0.97	1.093	0.126	253	4.4	0.00448	0.234
62	<a href="#">J AQUAT ANIM HEALTH</a>	926	0.968	1.167	0.143	35	>10.0	0.00098	0.361
63	<a href="#">REV BRAS PARASITOL V</a>	620	0.961	1.113	0.106	113	5.1	0.00126	0.224
64	<a href="#">BERL MUNCH TIERARZTL</a>	702	0.931	0.767	0.2	70	8.6	0.00119	0.215
65	<a href="#">J SMALL ANIM PRACT</a>	2627	0.907	1.094	0.257	109	>10.0	0.00275	0.302
66	<a href="#">J MED PRIMATOL</a>	872	0.894	1.021	0.225	40	8.8	0.00136	0.284
67	<a href="#">J EQUINE VET SCI</a>	885	0.892	0.879	0.085	177	6.3	0.0016	0.203
68	<a href="#">FISH PATHOL</a>	687	0.881	0.791	0.174	23	>10.0	0.0004	0.184
69	<a href="#">J VET MED SCI</a>	3564	0.875	0.942	0.141	290	8.1	0.00571	0.238
70	<a href="#">CAN J VET RES</a>	1399	0.853	1.266	0.261	46	>10.0	0.00157	0.366
71	<a href="#">ZOO BIOL</a>	1321	0.846	1.212	0.098	82	>10.0	0.00142	0.321
72	<a href="#">J VET MED EDUC</a>	509	0.826	0.77	0.039	51	6.4	0.00071	0.141
73	<a href="#">LAB ANIMAL</a>	287	0.814	0.507	0.132	38	7.6	0.00055	0.153
74	<a href="#">ACTA VET HUNG</a>	574	0.802	0.852	0.245	53	7.7	0.00089	0.212
75	<a href="#">LAB ANIM-UK</a>	1308	0.8	1.038	0.378	45	>10.0	0.0013	0.292
76	<a href="#">J AM ANIM HOSP ASSOC</a>	1890	0.783	0.865	0.136	66	>10.0	0.00131	0.241
77	<a href="#">EQUINE VET EDUC</a>	739	0.773	0.775	0.358	109	6.5	0.00123	0.186
78	<a href="#">J SWINE HEALTH PROD</a>	297	0.771	0.93	0.391	23	7	0.00046	0.24
79	<a href="#">COMPARATIVE MED</a>	906	0.76	1.316	0.1	30	6.8	0.00205	0.4
80	<a href="#">VET MED-CZECH</a>	791	0.756	0.874	0.061	82	6.5	0.00147	0.22
81	<a href="#">ANAT HISTOL EMBRYOL</a>	780	0.742	0.745	0.15	60	8.4	0.00127	0.22
82	<a href="#">J AM ASSOC LAB ANIM</a>	494	0.731	0.9	0.158	38	4.3	0.00152	0.227
83	<a href="#">POL J VET SCI</a>	446	0.712	0.626	0.076	119	3.9	0.00101	0.127
84	<a href="#">J APPL ANIM WELF SCI</a>	410	0.694	0.96	0.227	22	9	0.00059	0.281
85	<a href="#">VET ITAL</a>	355	0.675		0.216	37	6.3	0.00062	
86	<a href="#">ANTHROZOOS</a>	542	0.672	1.123	0.025	40	8.8	0.00074	0.32

Rank	Abbreviated Journal Title	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-Life	Eigenfactor Score	Article Influence Score
86	<a href="#">J AVIAN MED SURG</a>	339	0.672	0.714	0.032	31	8.7	0.00052	0.192
88	<a href="#">VET QUART</a>	746	0.652		0.032	31	>10.0	0.00013	
89	<a href="#">SOC ANIM</a>	340	0.628	0.79	0.156	32	>10.0	0.00052	0.295
90	<a href="#">ONDERSTEOPOORT J VET</a>	907	0.618	0.685	0.115	26	>10.0	0.00056	0.198
91	<a href="#">ITAL J ANIM SCI</a>	812	0.604	0.612	0.042	96	6	0.00172	0.156
92	<a href="#">J ANIM PLANT SCI</a>	372	0.549	0.635	0.055	271	2.8	0.00084	0.098
93	<a href="#">CAN VET J</a>	2315	0.474	0.982			>10.0	0.00288	0.288
94	<a href="#">TIERAERZTL PRAX</a>	516	0.47	0.356	0.116	95	9.8	0.0006	0.072
95	<a href="#">ACTA VET BRNO</a>	632	0.448	0.585	0.054	74	7	0.00079	0.116
96	<a href="#">J S AFR VET ASSOC</a>	634	0.442	0.579	0	56	>10.0	0.00054	0.145
97	<a href="#">PESQUI VET BRASIL</a>	957	0.437	0.62	0.085	247	5	0.00159	0.107
98	<a href="#">J EXOT PET MED</a>	148	0.434	0.517	0.07	43	5.2	0.00037	0.127
99	<a href="#">ARCH MED VET</a>	225	0.412	0.448	0.024	42	7.6	0.00032	0.097
100	<a href="#">SCHWEIZ ARCH TIERH</a>	453	0.384	0.487	0.076	66	9.7	0.00049	0.105
101	<a href="#">WIEN TIERARZTL MONAT</a>	263	0.367	0.372	0.677	31	>10.0	0.00023	0.072
102	<a href="#">B VET I PULAWY</a>	455	0.365	0.379	0.029	103	5.4	0.00083	0.075
103	<a href="#">REV BRAS ZOOTECHN</a>	2651	0.321	0.551	0.058	120	7.5	0.00529	0.179
104	<a href="#">TURK J VET ANIM SCI</a>	803	0.316	0.45	0.036	138	8.6	0.00074	0.105
105	<a href="#">J ZOO WILDLIFE MED</a>	1037	0.315	0.443			9.9	0.00154	0.145
106	<a href="#">SLOV VET RES</a>	55	0.314	0.364	0.045	22		0.00015	0.102
107	<a href="#">VET ARHIV</a>	322	0.303		0.015	67	7.2	0.00043	
108	<a href="#">INT J APPL RES VET M</a>	200	0.287	0.398			7.2	0.00031	0.103
108	<a href="#">KAFKAS UNIV VET FAK</a>	370	0.287	0.332	0.091	220	3.4	0.00063	0.043
110	<a href="#">PFERDEHEILKUNDE</a>	324	0.237	0.274	0.121	58	9.5	0.00025	0.044
111	<a href="#">VLAAMS DIERGEN TIJDS</a>	140	0.23	0.377	0.057	35	5.7	0.00031	0.092
112	<a href="#">VET MEXICO</a>	150	0.226	0.276	0	5	8.7	0.00019	0.074
113	<a href="#">IRAN J VET RES</a>	151	0.217	0.332	0.047	43	5	0.00032	0.067
114	<a href="#">ANKARA UNIV VET FAK</a>	164	0.21	0.237	0	52	>10.0	0.00022	0.052
114	<a href="#">TIJDSCHR DIERGENEESK</a>	324	0.21	0.187	0	15	9.9	0.00051	0.057
116	<a href="#">REV CIENT-FAC CIEN V</a>	180	0.202	0.226	0	60	6.5	0.00025	0.043
117	<a href="#">ISR J VET MED</a>	105	0.2	0.252	0.108	37	9.2	0.00011	0.047
118	<a href="#">ARQ BRAS MED VET ZOO</a>	985	0.198	0.363	0.023	259	6.5	0.00206	0.104
119	<a href="#">J HELL VET MED SOC</a>	38	0.196		0	20		0.00007	
119	<a href="#">MED WETER</a>	556	0.196		0.027	146	7.4	0.00067	
121	<a href="#">MAGY ALLATORVOSOK</a>	193	0.185	0.173	0.056	89	8.6	0.00019	0.024
122	<a href="#">IN PRACTICE</a>	326	0.181	0.266	0	77	9.5	0.00047	0.078
123	<a href="#">ACTA SCI VET</a>	208	0.154	0.219	0.084	83	6.1	0.00039	0.053
124	<a href="#">TIERAERZTL UMSCHAU</a>	189	0.148	0.139	0.016	63	>10.0	0.0002	0.035
125	<a href="#">ACTA VET-BEOGRAD</a>	163	0.133	0.195	0	60	7.8	0.0002	0.04
126	<a href="#">THAI J VET MED</a>	65	0.123	0.119				0.0002	0.031
127	<a href="#">KLEINTIERPRAXIS</a>	170	0.1	0.156	0.022	46	>10.0	0.00013	0.029
128	<a href="#">J CAMEL PRACT RES</a>	108	0.083	0.107	0	26	>10.0	0.00009	0.022
129	<a href="#">CATTLE PRACT</a>	113	0.071	0.148	0.000	43	9.0	0.00013	0.040

## JVDI 2YR Journal Impact Factor Ranking History

JCR Year	Impact Factor	Category Ranking
2013	1.232	39/129
2012	1.181	53/142
2011	1.214	43/143
2010	1.381	36/145
2009	1.546	28/142

## JVDI 5-Year Journal Impact Factor Calculation

JVDI 5-Year Journal Impact Factor		
Year	Cites in 2013 to Items Published in:	Number of Items Published In:
2012	206	192
2011	288	209
2010	296	195
2009	232	156
2008	276	154
<b>Sum:</b>	<b>1298</b>	<b>906</b>
<b>Calculation:</b>	<b>1298/906</b>	<b>=1.433</b>

## Top Journals Citing JVDI

Number of times articles published in 2013 (in journals below) cited articles published in *JVDI* (in years below). (NOTE: only journals with 42 or more cites are listed below)

Impact	Citing Journal	Cited Year											
		All Yrs	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	Rest
	All Journals	3703	34	206	288	296	232	276	263	199	165	134	1610
	ALL OTHERS (238)	238	1	6	25	14	15	26	22	17	9	6	97
2.726	<a href="#">VET MICROBIOL</a>	218	3	13	7	23	8	15	15	11	7	8	108
1.232	<a href="#">J VET DIAGN INVEST</a>	134	6	20	8	14	6	13	6	6	6	5	44
3.534	<a href="#">PLOS ONE</a>	127	2	8	14	6	6	12	3	6	4	6	60
1.883	<a href="#">J VIROL METHODS</a>	82	0	7	2	4	8	5	4	13	1	2	36
2.038	<a href="#">VET PATHOL</a>	81	0	4	7	4	5	8	11	3	7	1	31
0.437	<a href="#">PESQUI VET BRASIL</a>	80	1	5	9	7	2	7	3	6	6	1	33
1.511	<a href="#">RES VET SCI</a>	70	0	7	7	1	5	5	10	3	2	2	28
2.165	<a href="#">VET J</a>	70	0	5	10	9	2	11	2	3	1	1	26
1.743	<a href="#">BMC VET RES</a>	67	1	6	6	4	4	5	1	7	4	4	25
1.672	<a href="#">JAVMA-J AM VET MED A</a>	56	0	4	3	5	4	3	5	4	0	6	22
1.305	<a href="#">J WILDLIFE DIS</a>	53	1	2	2	5	10	5	1	3	0	0	24

Impact	Citing Journal	Cited Year											
		All Yrs	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	Rest
2.506	<a href="#">PREV VET MED</a>	53	0	2	5	1	1	3	2	5	2	3	29
1.100	<a href="#">J COMP PATHOL</a>	52	0	4	5	5	2	3	1	2	0	3	27
3.383	<a href="#">VET RES</a>	51	0	2	1	3	4	4	3	5	3	2	24
2.545	<a href="#">VET PARASITOL</a>	47	0	1	4	4	4	2	2	0	1	4	25
4.232	<a href="#">J CLIN MICROBIOL</a>	43	1	3	6	5	2	4	1	3	2	1	15
2.224	<a href="#">J VET INTERN MED</a>	42	0	2	1	4	2	5	4	2	1	4	17
3.485	<a href="#">VACCINE</a>	40	0	2	4	3	3	4	2	2	1	0	19
2.089	<a href="#">VIROL J</a>	40	1	1	2	6	1	0	3	2	2	2	20

## Top Journals Cited in *JVDI*

Number of times articles published in journals below (in years below) were cited in *JVDI* in 2013. (NOTE: only journals with 28 or more cites are listed below)

Impact	Cited Journal	Cited Year											
		All Yrs	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	Rest
	All Journals	3104	54	195	240	214	157	178	184	140	152	120	1470
	ALL OTHERS (576)	576	13	32	51	45	22	33	33	29	26	27	265
1.232	<a href="#">J VET DIAGN INVEST</a>	134	6	20	8	14	6	13	6	6	6	5	44
2.726	<a href="#">VET MICROBIOL</a>	120	0	9	12	10	12	10	6	7	7	7	40
4.232	<a href="#">J CLIN MICROBIOL</a>	89	0	5	4	3	3	8	8	1	8	2	47
1.672	<a href="#">JAVMA-J AM VET MED A</a>	66	0	2	2	4	0	1	3	3	0	0	51
2.038	<a href="#">VET PATHOL</a>	61	1	2	3	2	4	3	4	2	3	1	36
1.107	<a href="#">AVIAN DIS</a>	57	0	0	2	0	2	1	1	0	5	1	45
1.633	<a href="#">VET REC</a>	56	1	0	0	1	4	2	3	2	2	2	39
1.305	<a href="#">J WILDLIFE DIS</a>	51	0	1	4	3	1	1	3	1	5	2	30
1.214	<a href="#">AM J VET RES</a>	48	0	2	0	0	0	2	0	1	3	0	40
1.883	<a href="#">J VIROL METHODS</a>	34	1	4	3	5	2	2	1	3	0	1	12
2.506	<a href="#">PREV VET MED</a>	32	0	3	3	3	1	0	2	1	4	0	15
3.529	<a href="#">J GEN VIROL</a>	32	0	2	2	4	3	0	1	1	3	2	14
3.952	<a href="#">APPL ENVIRON MICROB</a>	32	0	0	3	0	0	1	4	2	2	1	19
7.327	<a href="#">EMERG INFECT DIS</a>	31	1	3	5	7	3	0	3	0	3	1	5
2.041	<a href="#">AVIAN PATHOL</a>	31	0	0	2	3	1	1	0	0	2	4	18
1.018	<a href="#">AUST VET J</a>	31	0	2	0	1	0	2	2	0	0	0	24
2.165	<a href="#">VET J</a>	30	2	5	2	5	2	4	1	2	0	2	5
0.474	<a href="#">CAN VET J</a>	28	0	1	0	3	2	0	1	1	0	1	19
2.545	<a href="#">VET PARASITOL</a>	28	0	2	3	3	4	2	2	3	4	1	4

## Citation Activity in 2013 to Articles from 2011-2012 (ranked by times cited)

Source: Web of Science (WoS)

Note: This may not reflect the total JCR count. WoS citation counts can be different than JCR citation counts because WoS is a dynamic, constantly updated database and JCR is a snapshot of a point in time. Thomson Reuters adds citations to the JCR that were missed in WoS due to author error in citing, misspelled journal names, etc.

Title	Authors	Year	Vol	Iss	Total Cites in 2013
Serologic tests for detecting antibodies against <i>Mycobacterium bovis</i> and <i>Mycobacterium avium</i> subspecies paratuberculosis in Eurasian wild boar ( <i>Sus scrofa scrofa</i> )	Boadella, Mariana; Lyashchenko, Konstantin; Greenwald, Reena; Esfandiari, Javan; Jaroso, Raquel; Carta, Tania; Garrido, Joseba M.; Vicente, Joaquin; de la Fuente, Jose; Gortazar, Christian	2011	23	1	11
Newcastle disease: a review of field recognition and current methods of laboratory detection	Cattoli, Giovanni; Susta, Leonardo; Terregino, Calogero; Brown, Corrie	2011	23	4	11
Antigenic relationships between Bovine viral diarrhea virus 1 and 2 and HoBi virus: Possible impacts on diagnosis and control	Bauermann, Fernando V.; Flores, Eduardo F.; Ridpath, Julia F.	2012	24	2	10
Epidemic and economic impacts of delayed detection of foot-and-mouth disease: a case study of a simulated outbreak in California	Carpenter, Tim E.; O'Brien, Joshua M.; Hagerman, Amy D.; McCarl, Bruce A.	2011	23	1	8
Phenotypic and molecular characterization of a novel strongly hemolytic <i>Brachyspira</i> species, provisionally designated <i>Brachyspira hampsonii</i>	Chander, Yogesh; Primus, Alexander; Oliveira, Simone; Gebhart, Connie J.	2012	24	5	8
A ten-year (2000-2009) study of antimicrobial susceptibility of bacteria that cause bovine respiratory disease complex-Mannheimia haemolytica, Pasteurella multocida, and Histophilus somni in the United States and Canada	Portis, Ellen; Lindeman, Cynthia; Johansen, Lacie; Stoltman, Gillian	2012	24	5	8
Emergence and pathogenicity of highly pathogenic Porcine reproductive and respiratory syndrome virus in Vientiane, Lao People's Democratic Republic	Ni, Jianqiang; Yang, Shibiao; Bounlom, Douangneun; Yu, Xiuling; Zhou, Zhi; Song, Jianling; Khamphouth, Vongxay; Vatthana, Theppannga; Tian, Kegong	2012	24	2	8
Selection of a cutoff value for real-time polymerase chain reaction results to fit a diagnostic purpose: analytical and epidemiologic approaches	Caraguel, Charles G. B.; Stryhn, Henrik; Gagne, Nellie; Dohoo, Ian R.; Hammell, K. Larry	2011	23	1	7
Comparative virulence of clinical <i>Brachyspira</i> spp. isolates in inoculated pigs	Burrough, Eric R.; Strait, Erin L.; Kinyon, Joann M.; Bower, Leslie P.; Madson, Darin M.; Wilberts, Bailey L.; Schwartz, Kent J.; Frana, Timothy S.; Songer, J. Glenn	2012	24	6	7
Quantification of Equid herpesvirus 5 DNA in clinical and necropsy specimens collected from a horse with equine multinodular pulmonary fibrosis	Marenzoni, Maria Luisa; Passamonti, Fabrizio; Lepri, Elvio; Cercone, Marta; Capomaccio, Stefano; Cappelli, Katia; Felicetti, Michela; Coppola, Giacomo; Coletti, Mauro; Thiry, Etienne	2011	23	4	7
Q fever diagnosis in domestic ruminants: comparison between complement fixation and commercial enzyme-linked immunosorbent assays	Horigan, Mark W.; Bell, Michael M.; Pollard, Tim R.; Sayers, Anthony R.; Pritchard, Geoff C.	2011	23	5	6
<i>Clostridium difficile</i> in retail meat and processing plants in Texas	Harvey, Roger B.; Norman, Keri N.; Andrews, Kathleen; Norby, Bo; Hume, Michael E.; Scanlan, Charles M.; Hardin, Margaret D.; Scott, Harvey M.	2011	23	4	6
Listeriosis outbreak in dairy cattle caused by an unusual <i>Listeria monocytogenes</i> serotype 4b strain	Bundrant, Brittany N.; Hutchins, Tony; den Bakker, Henk C.; Fortes, Esther; Wiedmann, Martin	2011	23	1	6
Detection of <i>Anaplasma phagocytophilum</i> in Brazilian dogs by real-time polymerase chain reaction	Santos, Huarrisson A.; Pires, Marcus S.; Vilela, Joice A. R.; Santos, Tiago M.; Faccini, Joao L. H.; Baldani, Cristiane D.; Thome,	2011	23	4	6

Title	Authors	Year	Vol	Iss	Total Cites in 2013
	Sandra M. G.; Sanavria, Argemiro; Massard, Carlos L.				
Detection of Influenza A virus in porcine oral fluid samples	Detmer, Susan E.; Patnayak, Devi P.; Jiang, Yin; Gramer, Marie R.; Goyal, Sagar M.	2011	23	2	5
Comparison of RNA extraction and real-time reverse transcription polymerase chain reaction methods for the detection of Porcine reproductive and respiratory syndrome virus in porcine oral fluid specimens	Chittick, Wayne A.; Stensland, Wendy R.; Prickett, John R.; Strait, Erin L.; Harmon, Karen; Yoon, Kyoung-Jin; Wang, Chong; Zimmerman, Jeffrey J.	2011	23	2	5
Detection of Porcine reproductive and respiratory syndrome virus (PRRSV) antibodies in oral fluid specimens using a commercial PRRSV serum antibody enzyme-linked immunosorbent assay	Kittawornrat, Apisit; Prickett, John; Wang, Chong; Olsen, Chris; Irwin, Christa; Panyasing, Yaowalak; Ballagi, Andrea; Rice, Anna; Main, Rodger; Johnson, John; Rademacher, Chris; Hoogland, Marlin; Rowland, Raymond; Zimmerman, Jeffrey	2012	24	2	5
Francisella asiatica as the causative agent of piscine francisellosis in cultured tilapia ( <i>Oreochromis sp.</i> ) in the United States	Soto, Esteban; Baumgartner, Wes; Wiles, Judy; Hawke, John P.	2011	23	4	5
Isolation and genotyping of <i>Toxoplasma gondii</i> causing fatal systemic toxoplasmosis in an immunocompetent 10-year-old cat	Spycher, Andrea; Geigy, Caroline; Howard, Judith; Posthaus, Horst; Gendron, Karine; Gottstein, Bruno; Debache, Karim; Herrmann, Daland C.; Schares, Gereon; Frey, Caroline F.	2011	23	1	5
Toxicokinetics and pathology of plant-associated acute selenium toxicosis in steers	Davis, T. Zane; Stegelmeier, Bryan L.; Panter, Kip E.; Cook, Daniel; Gardner, Dale R.; Hall, Jeffery O.	2012	24	2	5
Novel rapid genotyping assays for neuronal ceroid lipofuscinosis in Border Collie dogs and high frequency of the mutant allele in Japan	Mizukami, Keijiro; Chang, Hye-Sook; Yabuki, Akira; Kawamichi, Takuji; Kawahara, Natsuko; Hayashi, Daisuke; Hossain, Mohammad A.; Rahman, Mohammad M.; Uddin, Mohammad M.; Yamato, Osamu	2011	23	6	4
Porcine reproductive and respiratory syndrome virus: Interlaboratory ring trial to evaluate real-time reverse transcription polymerase chain reaction detection methods	Wernike, Kerstin; Bonilauri, Paolo; Dauber, Malte; Errington, Jane; LeBlanc, Neil; Revilla-Fernandez, Sandra; Hjulsgaard, Charlotte; Isaksson, Mats; Stadejek, Tomasz; Beer, Martin; Hoffmann, Bernd	2012	24	5	4
c-KIT messenger RNA and protein expression and mutations in canine cutaneous mast cell tumors: correlations with post-surgical prognosis	Giantin, Mery; Vascellari, Marta; Morello, Emanuela Maria; Capello, Katia; Vercelli, Antonella; Granato, Anna; Lopparelli, Rosa Maria; Nassuato, Chiara; Carminato, Antonio; Martano, Marina; Mutinelli, Franco; Dacasto, Mauro	2012	24	1	4
Detection of <i>Cryptosporidium</i> species in feces or gastric contents from snakes and lizards as determined by polymerase chain reaction analysis and partial sequencing of the 18S ribosomal RNA gene	Richter, Barbara; Nedorost, Nora; Maderner, Anton; Weissenboeck, Herbert	2011	23	3	4
Fast measurement of serum amyloid A in different specimens from swine by using a new one-step time-resolved fluorescent immunoassay	Soler, Laura; Gutierrez, Ana; Martinez-Subiela, Silvia; Ceron, Jose J.	2011	23	5	4
An immunosorbent assay based on the recombinant ApxIA, ApxIIA, and ApxIIIA toxins of <i>Actinobacillus pleuropneumoniae</i> and its application to field sera	Shin, Min-Kyoung; Kang, Mi Lan; Bin Cha, Seung; Lee, Won-Jung; Sung, Ji Hyun; Yoo, Han Sang	2011	23	4	4
Validation of an automated method for salivary alpha-amylase measurements in pigs ( <i>Sus scrofa domestica</i> ) and its application as a stress biomarker	Fuentes, Maria; Tecles, Fernando; Gutierrez, Ana; Otal, Julio; Martinez-Subiela, Silvia; Ceron, Jose J.	2011	23	2	4

Title	Authors	Year	Vol	Iss	Total Cites in 2013
Variation in daily shedding patterns of <i>Staphylococcus aureus</i> in naturally occurring intramammary infections	Walker, Jennifer B.; Rajala-Schultz, Paeivi J.; Walker, William L.; Mathews, Jennifer L.; Gebreyes, Wondwossen A.; DeGraves, Fred J.	2011	23	6	4
Occurrence of Chlamydiaceae, <i>Mycoplasma conjunctivae</i> , and pestiviruses in Alpine chamois ( <i>Rupicapra r. rupicapra</i> ) of Grisons, Switzerland	Holzwarth, Nathalie; Pospischil, Andreas; Mavrot, Fabien; Vilei, Edy M.; Hilbe, Monika; Zlinszky, Kati; Regenscheit, Nadine; Pewsner, Mirjam; Thoma, Rudolf; Borel, Nicole	2011	23	2	3
Assessment of ruminal hydrogen sulfide or urine thiosulfate as diagnostic tools for sulfur-induced polioencephalomalacia in cattle	Drewnoski, Mary E.; Ensley, Steve M.; Beitz, Don C.; Schoonmaker, Jon P.; Loy, Dan D.; Imerman, Paula M.; Rathje, John A.; Hansen, Stephanie L.	2012	24	4	3
Acute bovine viral diarrhea associated with extensive mucosal lesions, high morbidity, and mortality in a commercial feedlot	Hessman, Bill E.; Sjeklocha, David B.; Fulton, Robert W.; Ridpath, Julia F.; Johnson, Bill J.; McElroy, Diana R.	2012	24	2	3
Species characterization and minimum inhibitory concentration patterns of <i>Brachyspira</i> species isolates from swine with clinical disease	Clothier, Kristin A.; Kinyon, Joann M.; Frana, Timothy S.; Naberhaus, Nadine; Bower, Leslie; Strait, Erin L.; Schwartz, Kent	2011	23	6	3
Change in predominance of Bovine viral diarrhea virus subgenotypes among samples submitted to a diagnostic laboratory over a 20-year time span	Ridpath, Julia F.; Lovell, Gayla; Neill, John D.; Hairgrove, Thomas B.; Velayudhan, Binu; Mock, Richard	2011	23	2	3
<i>Corynebacterium pseudotuberculosis</i> secreted antigen-induced specific gamma-interferon production by peripheral blood leukocytes: potential diagnostic marker for caseous lymphadenitis in sheep and goats	Reboucas, Miriam F.; Portela, Ricardo W.; Lima, Danielle D.; Loureiro, Dan; Bastos, Bruno L.; Moura-Costa, Lilia F.; Vale, Vera L.; Miyoshi, Anderson; Azevedo, Vasco; Meyer, Roberto	2011	23	2	3
Prevalence and antimicrogram of <i>Staphylococcus intermedius</i> group isolates from veterinary staff, companion animals, and the environment in veterinary hospitals in Korea	Youn, Jung-Ho; Yoon, Jang Won; Koo, Hye Cheong; Lim, Suk-Kyung; Park, Yong Ho	2011	23	2	3
Selective isolation of Avian influenza virus (AIV) from cloacal samples containing AIV and Newcastle disease virus	El Zowalaty, Mohamed E.; Chander, Yogesh; Redig, Patrick T.; El Latif, Hemmat K. Abd; El Sayed, Mona A.; Goyal, Sagar M.	2011	23	2	3
Bovine herpesvirus 1 abortion: current prevalence in the United Kingdom and evidence of hematogenous spread within the fetus in natural cases	Crook, Tara; Benavides, Julio; Russell, George; Gilray, Janice; Maley, Maddy; Willoughby, Kim	2012	24	4	3
Genetic and phenotypic characterization of methicillin-resistant staphylococci isolated from veterinary hospitals in South Korea	Moon, Bo Youn; Youn, Jung-Ho; Shin, Sook; Hwang, Sun Young; Park, Yong Ho	2012	24	3	3
Polymerase chain reaction-based species verification and microsatellite analysis for canine cell line validation	O'Donoghue, Liza E.; Rivest, Jason P.; Duval, Dawn L.	2011	23	4	3
Cost-effectiveness of diagnostic strategies to identify <i>Mycobacterium avium</i> subspecies paratuberculosis super-shedder cows in a large dairy herd using antibody enzyme-linked immunosorbent assays, quantitative real-time polymerase chain reaction, and bacterial culture	Aly, Sharif S.; Anderson, Randall J.; Whitlock, Robert H.; Fyock, Terry L.; McAdams, Susan C.; Byrem, Todd M.; Jiang, Jiming; Adaska, John M.; Gardner, Ian A.	2012	24	5	3
Diagnosis of Porcine teschovirus encephalomyelitis in the Republic of Haiti	Deng, Ming Y.; Millien, Max; Jacques-Simon, Rodney; Flanagan, J. Keith; Bracht, Alexa J.; Carrillo, Consuelo; Barrette, Roger W.; Fabian, Andrew; Mohamed, Fawzi; Moran, Karen; Rowland, Jessica; Swenson, Sabrina L.; Jenkins-Moore, Melinda; Koster, Leo; Thomsen, Bruce V.; Mayr, Gregory; Pyburn, Dave; Morales, Paula;	2012	24	4	3

Title	Authors	Year	Vol	Iss	Total Cites in 2013
	Shaw, John; Burrage, Thomas; White, William; McIntosh, Michael T.; Metwally, Samia				
Comparison of Q fever serology methods in cattle, goats, and sheep	Emery, Michelle P.; Ostlund, Eileen N.; Schmitt, Beverly J.	2012	24	2	3
Beta-hemolytic <i>Streptococcus</i> spp. from horses: a retrospective study (2000-2010)	Erol, Erdal; Locke, Stephan J.; Donahoe, Judy K.; Mackin, Mary A.; Carter, Craig N.	2012	24	1	3
Surveillance using serological and molecular methods for the detection of infectious agents in captive Brazilian neotropical and exotic felids	Filoni, Claudia; Catao-Dias, Jose Luiz; Cattori, Valentino; Willi, Barbara; Meli, Marina L.; Ramiro Correa, Sandra Helena; Marques, Mara Cristina; Adania, Cristina Harumi; Ramos Silva, Jean Carlos; Vianna Marvulo, Maria Fernanda; Ferreira Neto, Jose Soares; Durigon, Edison Luiz; de Carvalho, Vania Maria; Coutinho, Selene Dall'Acqua; Lutz, Hans; Hofmann-Lehmann, Regina	2012	24	1	3
Classical swine fever virus detection: results of a real-time reverse transcription polymerase chain reaction ring trial conducted in the framework of the European network of excellence for epizootic disease diagnosis and control	Hoffmann, Bernd; Blome, Sandra; Bonilauri, Paolo; Fernandez-Pinero, Jovita; Greiser-Wilke, Irene; Haegeman, Andy; Isaksson, Mats; Koenen, Frank; LeBlanc, Neil; Leifer, Immanuel; Le Potier, Marie-Frederique; Loeffen, Willie; Rasmussen, Thomas Bruun; Stadejek, Tomasz; Stahl, Karl; Tignon, Marylene; Uttenthal, Ase; van der Poel, Wim; Beer, Martin	2011	23	5	3
Use of a multiplex enzyme-linked immunosorbent assay to detect a subpopulation of <i>Mycobacterium bovis</i> -infected animals deemed negative or inconclusive by the single intradermal comparative tuberculin skin test	Whelan, Clare; Shurlev, Eduard; Kwok, Hang Fai; Kenny, Kevin; Duignan, Anthony; Good, Margaret; Davis, William C.; Clarke, John	2011	23	3	3
Lymphoblastic lymphoma and leukemic blood profile in a red-tail boa ( <i>Boa constrictor constrictor</i> ) with concurrent inclusion body disease	Schilliger, Lionel; Selleri, Paolo; Frye, Fredric L.	2011	23	1	3
Feline toxoplasmosis in Finland: cross-sectional epidemiological study and case series study	Jokelainen, Pikka; Simola, Outi; Rantanen, Elina; Nareaho, Anu; Lohi, Hannes; Sukura, Antti	2012	24	6	3
<i>Mycobacterium</i> DNA detection in liver and skin of a horse with generalized sarcoidosis	Oliveira-Filho, Jose P.; Monteiro, Lidiane N.; Delfiol, Diego Jose Z.; Sequeira, Julio L.; Amorim, Rogerio M.; Fabris, Viciany E.; Del Piero, Fabio; Borges, Alexandre S.	2012	24	3	3
An outbreak of pseudocowpox in fattening calves in southern Brazil	Cargnelutti, Juliana F.; Flores, Mariana M.; Teixeira, Fabio R. M.; Weiblen, Rudi; Flores, Eduardo F.	2012	24	2	3
Evaluation of the automated hematology analyzer Sysmex XT-2000iV (TM) compared to the ADVIA (R) 2120 for its use in dogs, cats, and horses. Part II: Accuracy of leukocyte differential and reticulocyte count, impact of anticoagulant and sample aging	Bauer, Natali; Nakagawa, Julia; Dunker, Cathrin; Failing, Klaus; Moritz, Andreas	2012	24	1	3
Evaluation of a rapid immunochromatographic test strip for detection of Rabies virus in dog saliva samples	Kasempimolporn, Songsri; Saengseesom, Wachiraporn; Huadsakul, Samreng; Boonchang, Supatsorn; Sitprija, Visith	2011	23	6	3
Influence of prolonged formalin fixation of tissue samples on the sensitivity of chromogenic in situ hybridization	Mostegl, Meike M.; Richter, Barbara; Dinhopl, Nora; Weissenboeck, Herbert	2011	23	6	3
Multiple cutaneous mast cell tumors in a pig	Martinez, Jorge; Martinez, Vicente; Grau-Roma, Llorenç; Lopez, Javier; Segales, Joaquim	2011	23	6	3

Title	Authors	Year	Vol	Iss	Total Cites in 2013
Development and analytical validation of a radioimmunoassay for the measurement of alpha(1)-proteinase inhibitor concentrations in feces from healthy puppies and adult dogs	Heilmann, Romy M.; Paddock, Casey G.; Ruhnke, Isabelle; Berghoff, Nora; Suchodolski, Jan S.; Steiner, Joerg M.	2011	23	3	3
The effect of environmental storage conditions on bone marrow fat determination in three species	Lamoureaux, Jennifer L.; Fitzgerald, Scott D.; Church, Michael K.; Agnew, Dalen W.	2011	23	2	3
Validation and application of multi-residue analysis of eight anticoagulant rodenticides by high-performance liquid chromatography with fluorimetric detection	Armentano, Antonio; Iammarino, Marco; Lo Magro, Sonia; Muscarella, Marilena	2012	24	2	3
Fatal Caprine arthritis encephalitis virus-like infection in 4 Rocky Mountain goats ( <i>Oreamnos americanus</i> )	Patton, Kristin M.; Bildfell, Robert J.; Anderson, Mark L.; Cebra, Christopher K.; Valentine, Beth A.	2012	24	2	3
Confirmed case of encephalitis caused by Murray Valley encephalitis virus infection in a horse	Gordon, Anita N.; Marbach, Cameron R.; Oakey, Jane; Edmunds, Glen; Condon, Kelly; Diviney, Sinead M.; Williams, David T.; Bingham, John	2012	24	2	3
Atypical meningeal granular cell tumor in a dog	Mishra, Sasmita; Kent, Marc; Haley, Allison; Platt, Simon; Sakamoto, Kaori	2012	24	1	3
Real-time polymerase chain reaction for the detection of toxigenic <i>Clostridium botulinum</i> type C1 in waterbird and sediment samples: comparison with other PCR techniques	Vidal, Dolores; Taggart, Mark A.; Badiola, Ignacio; Mateo, Rafael	2011	23	5	3
The influence of temperature and simulated transport conditions of diagnostic samples on real-time polymerase chain reaction for the detection of <i>Tritrichomonas foetus</i> DNA	Clavijo, Alfonso; Erol, Erdal; Sneed, Loyd; Sun, Feng; Swinford, Amy	2011	23	5	3
C-reactive protein concentrations in serum of dogs with naturally occurring renal disease	Raila, Jens; Schweigert, Florian J.; Kohn, Barbara	2011	23	4	3
Cholestasis and cholelithiasis in a domestic ferret ( <i>Mustela putorius furo</i> )	Hall, Brittany A.; Ketz-Riley, Cornelia J.	2011	23	4	3
Pathological and immunohistochemical features of subdural histiocytic sarcomas in 15 dogs	Ide, Tetsuya; Uchida, Kazuyuki; Kagawa, Yumiko; Suzuki, Kazuhiko; Nakayama, Hiroyuki	2011	23	1	2
Prevalence, sites of colonization, and antimicrobial resistance among <i>Staphylococcus pseudintermedius</i> isolated from healthy dogs in Saskatoon, Canada	Rubin, Joseph E.; Chirino-Trejo, Manuel	2011	23	2	2
Experimental interspecies transmission studies of the transmissible spongiform encephalopathies to cattle: comparison to bovine spongiform encephalopathy in cattle	Hamir, Amir N.; Kehrl, Marcus E., Jr.; Kunkle, Robert A.; Greenlee, Justin J.; Nicholson, Eric M.; Richt, Juergen A.; Miller, Janice M.; Cutlip, Randall C.	2011	23	3	2
Clinical and morphologic changes in ewes and fetuses poisoned by <i>Ipomoea carnea</i> subspecies <i>fistulosa</i>	Armien, Anibal G.; Tokarnia, Carlos H.; Peixoto, Paulo Vargas; Barbosa, Jose D.; Frese, Knut	2011	23	2	2
Acute phase proteins in experimentally induced pregnancy toxemia in goats	Gonzalez, Felix H. D.; Hernandez, Fuensanta; Madrid, Josefa; Martinez-Subiela, Silvia; Tvarijonaviciute, Asta; Ceron, Jose J.; Tecles, Fernando	2011	23	1	2
Reference intervals for total protein concentration, serum protein fractions, and albumin/globulin ratios in clinically healthy dairy cows	Alberghina, Daniela; Giannetto, Claudia; Vazzana, Irene; Ferrantelli, Vincenzo; Piccione, Giuseppe	2011	23	1	2
Comparison of antemortem antimicrobial treatment regimens to antimicrobial susceptibility patterns of postmortem lung isolates from feedlot cattle with bronchopneumonia	Lamm, Catherine G.; Love, Brenda C.; Krehbiel, Clint R.; Johnson, Nicholas J.; Step, Douglas L.	2012	24	2	2
Comparing citrated native, kaolin-activated, and tissue factor-activated samples and determining intraindividual variability for feline thromboelastography	Banerjee, Amrita; Blois, Shauna L.; Wood, R. Darren	2011	23	6	2
<i>Escherichia coli</i> from clinical mastitis: serotypes and virulence factors	Fernandes, Jose Benedito C.; Zanardo, Larissa G.; Galvao,	2011	23	6	2

Title	Authors	Year	Vol	Iss	Total Cites in 2013
	Newton N.; Carvalho, Isabel A.; Nero, Luis Augusto; Moreira, Maria Aparecida S.				
Serological cross-reactivity between <i>Anaplasma marginale</i> and an <i>Ehrlichia</i> species in naturally and experimentally infected cattle	Al-Adhami, Batol; Scandrett, W. Brad; Lobanov, Vladislav A.; Gajadhar, Alvin A.	2011	23	6	2
Pseudorabies virus infection in Oklahoma hunting dogs	Cramer, Sarah D.; Campbell, Gregory A.; Njaa, Bradley L.; Morgan, Sandra E.; Smith, Stephen K., II; McLin, William R.; Brodersen, Bruce W.; Wise, Annabel G.; Scherba, Gail; Langohr, Ingeborg M.; Maes, Roger K.	2011	23	5	2
Prevalence of methicillin-resistant staphylococci in northern Colorado shelter animals	Gingrich, Elise N.; Kurt, Tim; Hyatt, Doreen R.; Lappin, Michael R.; Ruch-Gallie, Rebecca	2011	23	5	2
Immunomagnetic separation significantly improves the sensitivity of polymerase chain reaction in detecting <i>Giardia duodenalis</i> and <i>Cryptosporidium</i> spp. in dairy cattle	Coklin, Tatjana; Farber, Jeffrey M.; Parrington, Lorna J.; Bin Kingombe, Cesar I.; Ross, William H.; Dixon, Brent R.	2011	23	2	2
Comparison of two commercial enzyme-linked immunosorbent assays for detection of Influenza A virus antibodies	Lebarbenchon, Camille; Brown, Justin D.; Luttrell, M. Page; Stallknecht, David E.	2012	24	1	2
Polymerase chain reaction-based method for the typing of F18 fimbriae and distribution of F18 fimbrial subtypes among porcine Shiga toxin-encoding <i>Escherichia coli</i> in Germany	Barth, Stefanie; Schwanitz, Anja; Bauerfeind, Rolf	2011	23	3	2
Combination of reverse transcription real-time polymerase chain reaction and antigen capture enzyme-linked immunosorbent assay for the detection of animals persistently infected with Bovine viral diarrhea virus	Yan, Lifang; Zhang, Shuping; Pace, Lanny; Wilson, Floyd; Wan, Henry; Zhang, Michael	2011	23	1	2
Interlaboratory comparison of real-time polymerase chain reaction methods to detect <i>Coxiella burnetii</i> , the causative agent of Q fever	Jones, Rebecca M.; Hertwig, Stefan; Pitman, James; Vipond, Richard; Aspan, Anna; Bolske, Goeran; McCaughey, Conall; McKenna, James P.; van Rotterdam, Bart J.; de Bruin, Arnout; Ruuls, Robin; Buijs, Rob; Roest, Hendrik-Jan; Sawyer, Jason	2011	23	1	2
Ring test evaluation of the repeatability and reproducibility of a Porcine reproductive and respiratory syndrome virus oral fluid antibody enzyme-linked immunosorbent assay	Kittawornrat, Apisit; Wang, Chong; Anderson, Gary; Ballagi, Andrea; Broes, Andre; Carman, Suzanne; Doolittle, Kent; Galeota, Judith; Johnson, John; Lizano, Sergio; Nelson, Eric; Patnayak, Devi; Pogranichniy, Roman; Rice, Anna; Scherba, Gail; Zimmerman, Jeffrey	2012	24	6	2
Validation of an automated chemiluminescent immunoassay for salivary cortisol measurements in pigs	Escribano, Damian; Fuentes-Rubio, Maria; Ceron, Jose J.	2012	24	5	2
Sustained high-throughput polymerase chain reaction diagnostics during the European epidemic of Bluetongue virus serotype 8	van Rijn, Piet A.; Heutink, Rene G.; Boonstra, Jan; Kramps, Hans A.; van Gennip, Rene G. P.	2012	24	3	2
Demonstration of <i>Mycoplasma bovis</i> by immunohistochemistry and in situ hybridization in an aborted bovine fetus and neonatal calf	Hermeyer, Kathrin; Peters, Martin; Bruegmann, Michael; Jacobsen, Bjoern; Hewicker-Trautwein, Marion	2012	24	2	2
The collection of lymphatic fluid from the bovine udder and its use for the detection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in the cow	Khol, Johannes L.; Pinedo, Pablo J.; Buergelt, Claus D.; Neumann, Laura M.; Baumgartner, Walter; Rae, D. Owen	2012	24	1	2
Localization of Bovine papillomavirus in equine sarcoids and inflammatory skin conditions of horses using laser microdissection and two forms of DNA amplification	Wobeser, Bruce K.; Hill, Janet E.; Jackson, Marion L.; Kidney, Beverly A.; Mayer, Monique N.; Townsend, Hugh G. G.; Allen, Andrew L.	2012	24	1	2

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Detection by hemi-nested reverse transcription polymerase chain reaction and genetic characterization of wild type strains of Canine distemper virus in suspected infected dogs	Di Francesco, Cristina E.; Di Francesco, Daniela; Di Martino, Barbara; Speranza, Roberto; Santori, Domenico; Boari, Andrea; Marsilio, Fulvio	2012	24	1	2
Rapid genotyping assays for the 4-base pair deletion of canine MDR1/ABCB1 gene and low frequency of the mutant allele in Border Collie dogs	Mizukami, Keiji; Chang, Hye-Sook; Yabuki, Akira; Kawamichi, Takuji; Hossain, Mohammad A.; Rahman, Mohammad M.; Uddin, Mohammad M.; Yamato, Osamu	2012	24	1	2
Distribution of Arcanobacterium pluranimalium in animals examined in veterinary laboratories in the United Kingdom	Foster, Geoffrey; Hunt, Brian	2011	23	5	2
Mycobacterium avium subspecies hominissuis disseminated infection in a Basset Hound dog	Campora, Luca; Corazza, Michele; Zullino, Cristina; Ebani, Valentina V.; Abramo, Francesca	2011	23	5	2
Evaluation of an immunochromatographic assay for rapid detection of Salmonella enterica serovars Typhimurium and Enteritidis	Moongkarndi, Primchanien; Rodpai, Ekkarat; Kanarat, Sasitorn	2011	23	4	2
Interlaboratory comparison of Porcine circovirus-2 indirect immunofluorescent antibody test and enzyme-linked immunosorbent assay results on experimentally infected pigs	Patterson, Abby R.; Johnson, John K.; Ramamoorthy, Sheela; Hesse, Richard A.; Murtaugh, Michael P.; Puvanendiran, Sumathy; Pogranichniy, Roman M.; Erickson, Gene A.; Carman, Susy; Hause, Ben; Meng, Xiang-Jin; Opriessnig, Tanja	2011	23	2	2
Necrotic enteritis in young calves	Morris, Winston E.; Venzano, Agustin J.; Elizondo, Ana; Vilte, Daniel A.; Mercado, Elsa C.; Fernandez-Miyakawa, Mariano E.	2011	23	2	2
Investigation of a Microcystis aeruginosa cyanobacterial freshwater harmful algal bloom associated with acute microcystin toxicosis in a dog	van der Merwe, Deon; Sebbag, Lionel; Nietfeld, Jerome C.; Aubel, Mark T.; Foss, Amanda; Carney, Edward	2012	24	4	2
Evaluation of monoclonal antibody-based immunohistochemistry for the detection of European and North American Porcine reproductive and respiratory syndrome virus and a comparison with in situ hybridization and reverse transcription polymerase chain reaction	Han, Kiwon; Seo, Hwi Won; Oh, Yeonsu; Kang, Ikjae; Park, Changhoon; Kang, Sang Hoon; Kim, Sung-Hoon; Lee, Bog-Hieu; Kwon, Byungjoon; Chae, Chanhee	2012	24	4	2
Evaluation of Flinders Technology Associates cards for collection and transport of samples for detection of Porcine reproductive and respiratory syndrome virus by reverse transcription polymerase chain reaction	Linhares, Daniel C. L.; Rovira, Albert; Torremorell, Montserrat	2012	24	2	2
Comparative evaluation of specific methods for labeling of Encephalitozoon cuniculi in paraffin wax-embedded tissue samples	Habenbacher, Bettina; Klang, Andrea; Fragner, Karin; Dinhopf, Nora; Kuenzel, Frank; Weissenboeck, Herbert	2012	24	2	2
Diagnosis of Parelaphostrongylus spp. infection as a cause of meningomyelitis in calves	Mitchell, Kathryn J.; Peters-Kennedy, Jeanine; Stokol, Tracy; Gerhold, Richard W.; Beckstead, Robert B.; Divers, Thomas J.	2011	23	6	2
Characterization of tuberculous lesions in naturally infected African buffalo (Syncerus caffer)	Laisse, Claudio J. M.; Gavier-Widen, Dolores; Ramis, Guillermo; Bila, Custodio G.; Machado, Adelina; Quereda, Juan J.; Agren, Erik O.; van Helden, Paul D.	2011	23	5	2
Comparison of methods for improved RNA extraction from blood for early detection of Classical swine fever virus by real-time reverse transcription polymerase chain reaction	Das, Amaresh; Beckham, Tammy R.; McIntosh, Michael T.	2011	23	4	2
Validation of preexisting reference intervals: can the procedure be applied to canine hemostasis?	Geffre, Anne; Concordet, Didier; Trumel, Catherine; Braun, Jean-Pierre	2011	23	2	2

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Crotalariae equorum (jaagsiekte) in horses in southern Mozambique, a rare form of pyrrolizidine alkaloid poisoning	Botha, Christo J.; Lewis, Alex; du Plessis, Elizabeth C.; Clift, Sarah J.; Williams, Mark C.	2012	24	6	2
Molecular and immunohistochemical diagnosis of Francisella noatunensis subsp orientalis from formalin-fixed, paraffin-embedded tissues	Soto, Esteban; Illanes, Oscar; Hilchie, David; Morales, Juan A.; Sunyakumthorn, Piyanate; Hawke, John P.; Goodwin, Andrew E.; Riggs, Allen; Yanong, Roy P.; Pouder, Deborah B.; Francis-Floyd, Ruth; Arauz, Maziel; Bogdanovic, Lewis; Castillo-Alcala, Fernanda	2012	24	5	2
Development and performance evaluation of calf diarrhea pathogen nucleic acid purification and detection workflow	Schroeder, Megan E.; Bounpheng, Mangkey A.; Rodgers, Sandy; Baker, Rocky J.; Black, Wendy; Naikare, Hemant; Velayudhan, Binu; Sneed, Loyd; Szonyi, Barbara; Clavijo, Alfonso	2012	24	5	2
Diagnostic performance of the canine Influenza A Virus subtype H3N8 hemagglutination inhibition assay	Anderson, Tara C.; Crawford, P. Cynda; Katz, Jacqueline M.; Dubovi, Edward J.; Landolt, Gabriele; Gibbs, E. Paul J.	2012	24	3	2
Measurement of beta-hydroxybutyrate in cats with nonketotic diabetes mellitus, diabetic ketosis, and diabetic ketoacidosis	Weingart, Christiane; Lotz, Fabian; Kohn, Barbara	2012	24	2	2
Validation of an immunoperoxidase monolayer assay for total anti-Vaccinia virus antibody titration	Gerber, Priscilla F.; Matos, Ana Carolina D.; Guedes, Maria Isabel M. C.; Madureira, Marieta C.; Silva, Marcos X.; Lobato, Zelia I. P.	2012	24	2	2
Experimental co-infection of pigs with Bovine viral diarrhea virus 1 and Porcine circovirus-2	Langohr, Ingeborg M.; Stevenson, Gregory W.; Nelson, Eric A.; Lenz, Stephen D.; Wei, Huiling; Pogranichniy, Roman M.	2012	24	1	2
Alpha-mannosidosis in goats caused by the swainsonine-containing plant Ipomoea verbascoidea	Mendonca, Fabio S.; Albuquerque, Raquel F.; Evencio-Neto, Joaquim; Freitas, Silvio H.; Doria, Renata G. S.; Boabaid, Fabiana M.; Driemeier, David; Gardner, Dale R.; Riet-Correa, Franklin; Colodel, Edson M.	2012	24	1	2
Parasitic ventriculitis caused by Hadjelia truncata in California rock pigeons (Columba livia)	Senties-Cue, C. Gabriel; Charlton, Bruce R.; Anthenill, Lucy; Naem, Soraya; McDougald, Larry; Bland, Mark	2011	23	6	2
Pathology of neurologic disorders of raccoons (Procyon lotor)	Hamir, Amir N.	2011	23	5	2
Development of multiplex polymerase chain reaction assay for rapid detection of Staphylococcus aureus and selected antibiotic resistance genes in bovine mastitic milk samples	Gao, Jian; Ferreri, Miro; Liu, Xiu Q.; Chen, Li B.; Su, Jing L.; Han, Bo	2011	23	5	2
Use of sentinel serology in a Bovine viral diarrhea virus eradication program	Corbett, Erik M.; Grooms, Daniel L.; Bolin, Steven R.; Bartlett, Ben; Grotelueschen, Dale M.	2011	23	3	2
Canine parvovirus-2b-associated erythema multiforme in a litter of English Setter dogs	Woldemeskel, Moges; Liggett, Alan; Ilha, Marcia; Saliki, Jeremiah T.; Johnson, Leslie P.	2011	23	3	2
Use of the intradermal tuberculin test in a herd of captive elk (Cervus elaphus nelsoni) naturally infected with Mycobacterium bovis	Palmer, Mitchell V.; Whipple, Diana L.; Payeur, Janet B.; Bolin, Carole A.	2011	23	2	2
In vitro antimicrobial inhibition of Mycoplasma bovis isolates submitted to the Pennsylvania Animal Diagnostic Laboratory using flow cytometry and a broth microdilution method	Soehnlén, Marty K.; Kunze, M. Elaine; Karunathilake, K. Eranda; Henwood, Brittnee M.; Kariyawasam, Subhashinie; Wolfgang, David R.; Jayarao, Bhushan M.	2011	23	3	1
Porcine teschovirus polioencephalomyelitis in western Canada	Salles, Monica W. S.; Scholes, Sandra F. E.; Dauber, Malte; Strebelow, Guenter; Wojnarowicz,	2011	23	2	1

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	Chris; Hassard, Lori; Acton, Andy C.; Bollinger, Trent K.				
Diagnostic investigation of porcine periweaning failure-to-thrive syndrome: lack of compelling evidence linking to common porcine pathogens	Huang, Yanyun; Gauvreau, Henry; Harding, John	2012	24	1	1
Specificity and sensitivity of serum canine pancreatic elastase-1 concentration in the diagnosis of pancreatitis	Mansfield, Caroline S.; Watson, Penny D.; Jones, Boyd R.	2011	23	4	1
Occurrence of antimicrobial resistance and virulence genes, and distribution of enterococcal clonal complex 17 from animals and human beings in Korea	Kwon, Ka Hee; Hwang, Sun Young; Moon, Bo Youn; Park, Young Kyung; Shin, Sook; Hwang, Cheol-Yong; Park, Yong Ho	2012	24	5	1
Antigen tissue distribution of Avian bornavirus (ABV) in psittacine birds with natural spontaneous proventricular dilatation disease and ABV genotype 1 infection	Wuenschmann, Arno; Honkavuori, Kirsi; Briese, Thomas; Lipkin, W. Ian; Shivers, Jan; Armién, Anibal G.	2011	23	4	1
Evaluation of a SYTO9 real-time polymerase chain reaction assay to detect and identify pathogenic <i>Leptospira</i> species in kidney tissue and urine of New Zealand farmed deer	Subharat, Supatsak; Wilson, Peter R.; Heuer, Cord; Collins-Emerson, Julie M.	2011	23	4	1
Molecular detection of a mixed infection of Goatpox virus, Orf virus, and <i>Mycoplasma capricolum</i> subsp <i>capripneumoniae</i> in goats	Chu, Yuefeng; Yan, Xinmin; Gao, Pengcheng; Zhao, Ping; He, Ying; Liu, Jixing; Lu, Zhongxin	2011	23	4	1
Diagnosis of Avian bornavirus infection in psittaciformes by serum antibody detection and reverse transcription polymerase chain reaction assay using feather calami	de Kloet, Arne H.; Kerski, Anelle; de Kloet, Siwo R.	2011	23	3	1
Performance validation and method comparison of an in-clinic enzyme-linked immunosorbent assay for the detection of canine pancreatic lipase	Beall, Melissa J.; Cahill, Roberta; Pigeon, Kathleen; Hanscom, Jancy; Huth, Stacey P.	2011	23	1	1
Detection and molecular characterization of Porcine astrovirus strains associated with swine diarrhea	Mor, Sunil K.; Chander, Yogesh; Marthaler, Douglas; Patnayak, Devi P.; Goyal, Sagar M.	2012	24	6	1
Rapid and simple polymerase chain reaction-based diagnostic assays for GM2 gangliosidosis variant 0 (Sandhoff-like disease) in Japanese domestic cats	Rahman, Mohammad M.; Shoubudani, Tomoaki; Mizukami, Keijiro; Chang, Hye-Sook; Hossain, Mohammad A.; Yabuki, Akira; Mitani, Sawane; Higo, Takashi; Arai, Toshiro; Yamato, Osamu	2011	23	2	1
Detection of Avian coronavirus infectious bronchitis virus type QX infection in Switzerland	Sigrist, Brigitte; Tobler, Kurt; Schybli, Martina; Konrad, Leonie; Stoeckli, Rene; Cattoli, Giovanni; Lueschow, Doerte; Hafez, Hafez M.; Britton, Paul; Hoop, Richard K.; Voegtlin, Andrea	2012	24	6	1
Chimeric protein A/G conjugate for detection of anti- <i>Toxoplasma gondii</i> immunoglobulin G in multiple animal species	Schaefer, John J.; White, Holly A.; Schaaf, Stephanie L.; Mohammed, Hussni O.; Wade, Susan E.	2012	24	3	1
Cryptosporidiosis outbreak in captive chelonians ( <i>Testudo hermanni</i> ) with identification of two <i>Cryptosporidium</i> genotypes	Richter, Barbara; Rasim, Reinhard; Vrhovec, Majda Globokar; Nedorost, Nora; Pantchev, Nikola	2012	24	3	1
Association between canine pancreatic-specific lipase and histologic exocrine pancreatic inflammation in dogs: assessing specificity	Mansfield, Caroline S.; Anderson, Garry A.; O'Hara, Amanda J.	2012	24	2	1
Optimization of Betanodavirus culture and enumeration in striped snakehead fish cells	Hick, Paul; Tweedie, Alison; Whittington, Richard J.	2011	23	3	1
Paraffin-embedded tissue blot as a sensitive method for discrimination between classical scrapie and experimental bovine spongiform encephalopathy in sheep	Webb, Paul R.; Denyer, Margaret; Gough, Julie; Spiropoulos, John; Simmons, Marion M.; Spencer, Yvonne I.	2011	23	3	1
Expression of a secreted version of the hemagglutinin-neuraminidase glycoprotein of Newcastle disease virus: Its evaluation as a diagnostic reagent	Chimeno Zoth, Silvina; Gomez, Evangelina; Manuel Carballeda, Juan; Carrillo, Elisa; Berinstein, Analia	2011	23	3	1
Theoretical and experimental approaches to estimate the usefulness of pooled serum samples	Cortey, Marti; Napp, Sebastian; Alba, Anna; Pileri, Emanuela; Grau-	2011	23	2	1

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for the diagnosis of postweaning multisystemic wasting syndrome	Roma, Llorenc; Sibila, Marina; Segales, Joaquim				
An efficient DNA extraction method for polymerase chain reaction-based detection of <i>Mycobacterium avium</i> subspecies paratuberculosis in bovine fecal samples	Zhang, Michael Z.; Zhang, Shaping	2011	23	1	1
Comparison of detection of Bovine virus diarrhea virus antigen in various types of tissue and fluid samples collected from persistently infected cattle	VanderLey, Brian; Ridpath, Julia; Sweiger, Shaun	2011	23	1	1
Isolation of Avian influenza virus from polymerase chain reaction-negative cloacal samples of waterfowl	El Zowalaty, Mohamed E.; Abin, Martha; Raju, Subhatra; Chander, Yogesh; Redig, Patrick T.; Abd El Latif, Hemmat K.; El Sayed, Mona A.; Goyal, Sagar M.	2011	23	1	1
Phenotypic and genotypic characterization of antimicrobial resistance in enterohemorrhagic <i>Escherichia coli</i> and atypical enteropathogenic <i>E. coli</i> strains from ruminants	Medina, Alberto; Horcajo, Pilar; Jurado, Sonia; De La Fuente, Ricardo; Ruiz-Santa-Quiteria, Jose A.; Dominguez-Bernal, Gustavo; Orden, Jose A.	2011	23	1	1
<i>Erysipelothrix</i> spp. genotypes, serotypes, and surface protective antigen types associated with abattoir condemnations	Bender, Joseph S.; Irwin, Christa K.; Shen, Hui-Gang; Schwartz, Kent J.; Opriessnig, Tanja	2011	23	1	1
Canine parvovirus epidemiology in Bulgaria	Filipov, Chavdar; Decaro, Nicola; Desario, Costantina; Amorisco, Francesca; Sciarretta, Rossana; Buonavoglia, Canio	2011	23	1	1
Hypertrophic osteopathy associated with a renal adenoma in a cat	Johnson, Robert L.; Lenz, Stephen D.	2011	23	1	1
Diversity of viruses detected by deep sequencing in pigs from a common background	Lager, Kelly M.; Ng, Terry F.; Bayles, Darrell O.; Alt, David P.; Delwart, Eric L.; Cheung, Andrew K.	2012	24	6	1
Real-time fluorogenic reverse transcription polymerase chain reaction assay for the specific detection of Bagaza virus	Buitrago, Dolores; Rocha, Ana; Tena-Tomas, Cristina; Vigo, Marta; Agueero, Montserrat; Angel Jimenez-Clavero, Miguel	2012	24	5	1
Evaluation of HistoGel (TM)-embedded specimens for use in veterinary diagnostic pathology	Joiner, Kellye S.; Spangler, Elizabeth A.	2012	24	4	1
A novel papillomavirus isolated from proliferative skin lesions of a wild American beaver ( <i>Castor canadensis</i> )	Rogovskyy, Artem S.; Baszler, Timothy V.; Bradway, Daniel S.; Bruning, Darren L.; Davitt, Christine M.; Evermann, James F.; Burk, Robert D.; Chen, Zigu; Mansfield, Kristin G.; Haldorson, Gary J.	2012	24	4	1
Association of canine splenic hemangiosarcomas and hematomas with nodular lymphoid hyperplasia or siderotic nodules	Cole, Patricia Ann	2012	24	4	1
Detection of six novel papillomavirus sequences within canine pigmented plaques	Luff, Jennifer A.; Affolter, Verena K.; Yeargan, Bret; Moore, Peter F.	2012	24	3	1
An outbreak of equine botulism type A associated with feeding grass clippings	Ostrowski, Stephanie R.; Kubiski, Steven V.; Palmero, Joanie; Reilly, Christopher M.; Higgins, Jamie K.; Cook-Cronin, Sheri; Tawde, Snehal N.; Crossley, Beate M.; Yant, Paula; Cazarez, Ray; Uzal, Francisco A.	2012	24	3	1
Fatal Canid herpesvirus 1 infection in an adult dog	Gadsden, Barbie J.; Maes, Roger K.; Wise, Annabel G.; Kiupel, Matti; Langohr, Ingeborg M.	2012	24	3	1
Application of the Ceditest (R) FMDV type O and FMDV-NS enzyme-linked immunosorbent assays for detection of antibodies against Foot-and-mouth disease virus in selected livestock and wildlife species in Uganda	Ayebazibwe, Chrisostom; Mwiine, Frank Norbert; Balinda, Sheila Nina; Tjornehoj, Kirsten; Alexandersen, Soren	2012	24	2	1
Urinary clusterin as a renal marker in dogs	Garcia-Martinez, Juan D.; Tvarijonaviciute, Asta; Ceron, Jose	2012	24	2	1

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	J.; Caldin, Marco; Martinez-Subiela, Silvia				
Identification of a novel adenovirus in a cotton-top tamarin ( <i>Saguinus oedipus</i> )	Hall, Natalie H.; Archer, Linda L.; Childress, April L.; Wellehan, James F. X., Jr.	2012	24	2	1
Usability of a gamma interferon release assay in the diagnosis of naturally infected pigs with <i>Mycobacterium avium</i> subspecies <i>hominissuis</i>	Faldyna, Martin; Goepfert, Eduard; Kudlackova, Hana; Stepanova, Hana; Kaevska, Marija; Slana, Iva; Pavlik, Ivo	2012	24	2	1
Naturally occurring Influenza A virus subtype H1N2 infection in a Midwest United States mink ( <i>Mustela vison</i> ) ranch	Yoon, Kyoung-Jin; Schwartz, Kent; Sun, Dong; Zhang, Jianqiang; Hildebrandt, Hugh	2012	24	2	1
Novel brain lesions caused by <i>Edwardsiella tarda</i> in a red tilapia ( <i>Oreochromis</i> spp.)	Iregui, Carlos A.; Guarin, Marly; Tibata, Victor M.; Ferguson, Hugh W.	2012	24	2	1
Junctional epidermolysis bullosa in a calf	Medeiros, Gildenor X.; Riet-Correa, Franklin; Armien, Anibal G.; Dantas, Antonio F. M.; de Galiza, Glauco J. N.; Simoes, Sara V. D.	2012	24	1	1
Identification of bacteria recovered from animals using the 16S ribosomal RNA gene with pyrosequencing and Sanger sequencing	Tewari, Deepanker; Cieply, Stephen; Livengood, Julia	2011	23	6	1
The pathology associated with visceral toxicosis of catfish	Khoo, Lester H.; Goodwin, Andrew E.; Wise, David J.; Holmes, William E.; Hanson, Larry A.; Steadman, James M.; McIntyre, Larry M.; Gaunt, Patricia S.	2011	23	6	1
<i>Amorimia exotropa</i> poisoning as a presumptive cause of myocardial fibrosis in cattle	Soares, Mauro Pereira; Pavarini, Saulo Petinatti; Adrien, Maria de Lourdes; Quevedo, Pedro de Souza; Schild, Ana Lucia; Peixoto, Paulo Vargas; Farias da Cruz, Claudio Estevao; Driemeier, David	2011	23	6	1
Development and evaluation of a real-time polymerase chain reaction method for the detection of <i>Mycoplasma felis</i>	Soderlund, Robert; Bolske, Goran; Holst, Bodil Strom; Aspan, Anna	2011	23	5	1
An applied printing immunoassay with recombinant Nc-SAG1 for detection of antibodies to <i>Neospora caninum</i> in cattle	Elizabeth Wilkowsky, Silvina; Gimenez Bareiro, Guillermo; Laura Mon, Maria; Prando Moore, Dadin; Caspe, Gaston; Campero, Carlos; Fort, Marcelo; Isabel Romano, Maria	2011	23	5	1
Identification of a novel herpesvirus associated with cutaneous ulcers in a fisher ( <i>Martes pennanti</i> )	Gagnon, Carl A.; Tremblay, Josee; Larochelle, Danielle; Music, Nedzad; Tremblay, Donald	2011	23	5	1
Diagnostic value of meat juice in early detection of Classical swine fever virus infection	Lohse, Louise; Uttenthal, Ase; Rasmussen, Thomas Bruun; Nielsen, Jens	2011	23	5	1
Inflammatory mammary carcinoma with metastasis to the brain and distant organs in a spayed Shih Tzu dog	Kim, Jong-Hyuk; Im, Keum-Soon; Kim, Na-Hyun; Chon, Seung-Ki; Doster, Alan R.; Sur, Jung-Hyang	2011	23	5	1
Development of a gas chromatography-mass spectrometry technique to diagnose white snakeroot ( <i>Ageratina altissima</i> ) poisoning in a cow	Meyerholtz, Kimberly A.; Burcham, Grant N.; Miller, Margaret A.; Wilson, Christina R.; Hooser, Stephen B.; Lee, Stephen T.	2011	23	4	1
Enrichment of PrPSc in formalin-fixed, paraffin-embedded tissues prior to analysis by Western blot	Nicholson, Eric M.	2011	23	4	1
The use of meat juice or blood serum for the diagnosis of <i>Salmonella</i> infection in pigs and its possible implications on <i>Salmonella</i> control programs	Vico, Juan P.; Mainar-Jaime, Raul C.	2011	23	3	1
Minimum inhibitory concentrations of selected antimicrobial agents for <i>Moraxella bovoculi</i> associated with infectious bovine keratoconjunctivitis	Angelos, John A.; Ball, Louise M.; Byrne, Barbara A.	2011	23	3	1
Outbreaks of Eastern equine encephalitis in northeastern Brazil	Silva, Maria L. C. R.; Galiza, Glauco J. N.; Dantas, Antonio F.	2011	23	3	1

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	M.; Oliveira, Rafael N.; Iamamoto, Keila; Achkar, Samira M.; Riet-Correa, Franklin				
Congenital hydranencephaly and cerebellar hypoplasia in water buffalo in southern Brazil	Schild, Ana Lucia; Fiss, Leticia; Dame, Maria C.; Uzal, Francisco A.; Soares, Mauro P.; Schuch, Luiz F.; Flores, Eduardo F.; Riet-Correa, Franklin	2011	23	3	1
Rapid and reliable identification of ionophore antibiotics in feeds by liquid chromatography-tandem mass spectrometry	Huang, Min; Rumbelha, Wilson K.; Braselton, W. Emmett; Johnson, Margaret	2011	23	2	1
Beta 2 toxigenic Clostridium perfringens type A colitis in a three-day-old foal	Hazlett, Murray J.; Kircanski, Jasmina; Slavic, Durda; Prescott, John F.	2011	23	2	1
Fatal hepatic sarcocystosis in a captive black bear (Ursus americanus) associated with Sarcocystis canis-like infection	Davies, Jennifer L.; Haldorson, Gary J.; Bradway, Dan S.; Britton, Ann P.	2011	23	2	1
Hepatic yersiniosis caused by Yersinia enterocolitica 4:O3 in an adult dog	Byun, Jae-Won; Yoon, Soon-Seek; Lim, Suk-Kyung; Lee, O-Soo; Jung, Byeong Yeal	2011	23	2	1
Comparison of the vanadate oxidase method with the diazo method for serum bilirubin determination in dog, monkey, and rat	Ameri, Mehrdad; Schnaars, Henry; Sibley, John; Honor, David	2011	23	1	1
Frequency of the allelic variant of the PTPLA gene responsible for centronuclear myopathy in Labrador Retriever dogs as assessed in Italy	Gentilini, Fabio; Zambon, Elisa; Gandini, Gualtiero; Rosati, Marco; Spadari, Alessandro; Romagnoli, Noemi; Turba, Maria Elena; Gernone, Floriana	2011	23	1	1
Mortality of a captive axis deer (Axis axis) and a llama (Lama glama) due to ingestion of Wedelia glauca	Giannitti, Federico; Margineda, Carlos A.; Cid, Maria S.; Diab, Santiago S.; Weber, Natalia; Rodriguez, Alejandro; Campero, Carlos M.; Odriozola, Ernesto R.	2012	24	6	1
Evaluation of serum cobalamin concentrations in dogs of 164 dog breeds (2006-2010)	Gruetzner, Niels; Cranford, Shannon M.; Norby, Bo; Suchodolski, Jan S.; Steiner, Joerg M.	2012	24	6	1
An indirect enzyme-linked immunosorbent assay using a recombinant truncated capsid protein of Porcine circovirus-2	Jittimane, Suphattra; Ayudhya, Suparlark Nuntawan Na; Kedkovid, Roongtham; Teankum, Komkrich; Suradhat, Sanipa; Thanawongnuwech, Roongroje	2012	24	6	1
Antibiotic susceptibility patterns of Crossiella equi and Amycolatopsis species causing nocardioform placentitis in horses	Erol, Erdal; Williams, Neil M.; Sells, Stephen F.; Kennedy, Laura; Locke, Stephen J.; Donahue, James M.; Carter, Craig N.	2012	24	6	1
Chlamydiaceae family, Parachlamydia spp., and Waddlia spp. in porcine abortion	Koschwanez, Maria; Meli, Marina; Voegtlin, Andrea; Greub, Gilbert; Sidler, Xaver; Handke, Martin; Sydler, Titus; Kaiser, Carmen; Pospischil, Andreas; Borel, Nicole	2012	24	5	1
Application of quantitative real-time polymerase chain reaction for the diagnosis of toxoplasmosis and enzootic abortion of ewes	Gutierrez, Jorge; O'Donovan, James; Proctor, Aisling; Brady, Colm; Marques, Patricia X.; Worrall, Sheila; Nally, Jarlath E.; McElroy, Maire; Bassett, Hugh; Fagan, John; Maley, Stephen; Buxton, David; Sammin, Donal; Markey, Bryan K.	2012	24	5	1
Right ventricular hypertrophy with heart failure in Holstein heifers at elevation of 1,600 meters	Malherbe, Christopher R.; Marquard, Jana; Legg, David E.; Cammack, Kristi M.; O'Toole, Donal	2012	24	5	1
A novel quantitative immunomagnetic reduction assay for Nervous necrosis virus	Yang, Shieh Yueh; Wu, Jen Leih; Tso, Chun Hsi; Ngou, Fang Huar; Chou, Hsin Yiu; Nan, Fan Hua; Horng, Heng Er; Lu, Ming Wei	2012	24	5	1

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Development of a Bovine leukemia virus polymerase gene-based real-time polymerase chain reaction and comparison with an envelope gene-based assay	Heenemann, Kristin; Lapp, Stefanie; Teifke, Jens P.; Fichtner, Dieter; Mettenleiter, Thomas C.; Vahlenkamp, Thomas W.	2012	24	4	1
Development and evaluation of a multiplex enzyme-linked immunosorbent assay for the detection of antibodies to bovine respiratory diseases on the Meso Scale Discovery platform	Mayers, Jo; Sawyer, Jason	2012	24	4	1
Sequencing-independent method for the differentiation of the main phylogenetic lineages of <i>Pasteurella multocida</i>	Sellyei, Boglarka; Wehmann, Eniko; Magyar, Tibor	2012	24	4	1
Evaluation of a real-time polymerase chain reaction assay for Pseudorabies virus surveillance purposes	Zanella, Eraldo L.; Miller, Laura C.; Lager, Kelly M.; Bigelow, Troy T.	2012	24	4	1
Detection of prion protein in the cerebrospinal fluid of elk ( <i>Cervus canadensis nelsoni</i> ) with chronic wasting disease using protein misfolding cyclic amplification	Nichols, Tracy A.; Spraker, Terry R.; Gidlewski, Tom; Powers, Jenny G.; Telling, Glenn C.; VerCauteren, Kurt C.; Zabel, Mark D.	2012	24	4	1
Heat-related injury in lambs	Sula, Mee Ja M.; Winslow, Christine M.; Boileau, Melanie J.; Barker, L. D.; Panciera, Roger J.	2012	24	4	1
Peripheral primitive neuroectodermal tumor in a two-year-old paint horse	Facemire, Paul R.; Facemire, Lynn M.; Honnold, Shelley P.	2012	24	4	1
Perforating abomasal ulcer caused by yolk sac tumor in a Holstein calf	Sasaki, Hiroshi; Goyama, Takashi; Noda, Yoichiro; Matsumoto, Kotaro; Kobayashi, Yoshiyasu; Inokuma, Hisashi	2012	24	4	1
Evaluation of a commercial rapid test kit for detecting bovine enteric pathogens in feces	Cho, Yong-Il; Sun, Dong; Cooper, Vickie; Dewell, Grant; Schwartz, Kent; Yoon, Kyoung-Jin	2012	24	3	1
Evaluation of different embryonating bird eggs and cell cultures for isolation efficiency of avian influenza A virus and Avian paramyxovirus serotype 1 from real-time reverse transcription polymerase chain reaction-positive wild bird surveillance samples	Moresco, Kira A.; Stallknecht, David E.; Swayne, David E.	2012	24	3	1
Endogenous lipid (cholesterol) pneumonia in three captive Siberian tigers ( <i>Panthera tigris altaica</i> )	Bollo, Enrico; Scaglione, Frine Eleonora; Chiappino, Laura; Sereno, Alessandra; Triberti, Orfeo; Schroeder, Cathrin	2012	24	3	1
Salmonella serovar distribution in cobras ( <i>Naja kaouthia</i> ), snake-food species, and farm workers at Queen Saovabha Snake Park, Thailand	Prapasarakul, Nuvee; Pulsrikarn, Chaivat; Vasaruchapong, Taksa; Lekcharoen, Pisin; Chanchaithong, Patrarat; Lugsomya, Kittitit; Keschumras, Nitiwadee; Thanomsuksinchai, Natthakarn; Tanchiangsai, Kanittha; Tummaruk, Padet	2012	24	2	1
Diagnostic sensitivity and specificity of in situ hybridization and immunohistochemistry for Eastern equine encephalitis virus and West Nile virus in formalin-fixed, paraffin-embedded brain tissue of horses	Pennick, Kate E.; McKnight, Christy A.; Patterson, Jon S.; Latimer, Kenneth S.; Maes, Roger K.; Wise, Annabel G.; Kiupel, Matti	2012	24	2	1
Bovine papular stomatitis affecting dairy cows and milkers in midwestern Brazil	de Sant'Ana, Fabiano J. F.; Rabelo, Rogerio E.; Vulcani, Valcinir A. S.; Cargnelutti, Juliana F.; Flores, Eduardo F.	2012	24	2	1
Generation and diagnostic application of monoclonal antibodies against Seneca Valley virus	Yang, Ming; van Bruggen, Rebekah; Xu, Wanhong	2012	24	1	1
Rapid detection of Betacoronavirus 1 from clinical fecal specimens by a novel reverse transcription loop-mediated isothermal amplification assay	Qiao, Jun; Meng, Qingling; Cai, Xuepeng; Chen, Chuangfu; Zhang, Zaichao; Tian, Zhenzhong	2012	24	1	1
Isolation and sequence-based identification of <i>Oxyporus corticola</i> from a dog with generalized lymphadenopathy	Miller, Sybille A.; Roth-Johnson, Lois; Kania, Stephen A.; Bemis, David A.	2012	24	1	1
Malignant pheochromocytoma in a pig	Martinez, Jorge; Galindo-Cardiel, Ivan; Diez-Padrisa, Meritxell;	2012	24	1	1

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	Lopez-Sabater, Emilio I.; Segales, Joaquim				
Disseminated mycosis in a killer whale ( <i>Orcinus orca</i> )	Abdo, Walied; Kawachi, Takeshi; Sakai, Hiroki; Fukushi, Hideto; Kano, Rui; Shibahara, Tomoyuki; Shirouzu, Hiroshi; Kakizoe, Yuko; Tuji, Hajime; Yanai, Tokuma	2012	24	1	1
<i>Helcococcus ovis</i> isolated from a goat with purulent bronchopneumonia and pulmonary abscesses	Garcia, Alfredo; Risco, David; Manuel Benitez, Jose; Martinez, Remigio; Luis Garcia, Waldo; Maria Cuesta, Jesus; Gomez, Luis; Sanchez, Sergio	2012	24	1	1
<i>Clostridium piliforme</i> encephalitis in a weaver bird ( <i>Ploceus castaneiceps</i> )	Mete, Asli; Eigenheer, Andrea; Goodnight, Andrea; Woods, Leslie	2011	23	6	1
Diagnosis of Deerpox virus infection in a white-tailed deer ( <i>Odocoileus virginianus</i> ) fawn	Baughman, Brittany; Zhang, Shuping; Jin, Ling; Pace, Lanny W.; Cooley, Jim; Yan, Lifang; Zhang, Michael Z.	2011	23	5	1
Testicular gonadoblastoma in two pet domestic rabbits ( <i>Oryctolagus cuniculus domesticus</i> )	Suzuki, Manabu; Ozaki, Masakazu; Ano, Naoko; Nomura, Koji; Ozaki, Kiyokazu; Narama, Isao	2011	23	5	1
Caudal vascular hamartoma accompanied by aberrant arteriovenous structures in a dog	Yasuno, Kyohei; Kobayashi, Ryosuke; Ohmuro, Tamio; Kamiie, Junichi; Sahara, Hiroeki; Shirota, Kinji	2011	23	5	1
Antimicrobial resistance of <i>Staphylococcus</i> spp. isolates from cases of mastitis in buffalo in Brazil	de Medeiros, Elizabeth S.; Franca, Chirles A.; Krewer, Carina da C.; Peixoto, Renata de M.; de Souza Junior, Aldo F.; Cavalcante, Marielly B.; da Costa, Mateus M.; Mota, Rinaldo A.	2011	23	4	1
Mammary adenoma with sebaceous differentiation in a dog	Yasuno, Kyohei; Takagi, Yoshiichi; Kobayashi, Ryosuke; Ohmuro, Tamio; Kamiie, Junichi; Sahara, Hiroeki; Shirota, Kinji	2011	23	4	1
Neuroendocrine carcinoma of the apocrine glands of the anal sac in a dog	Ogawa, Bunichiro; Taniai, Eriko; Hayashi, Hitomi; Imaoka, Masako; Machida, Noboru; Mitsumori, Kunitoshi; Shibutani, Makoto	2011	23	4	1
Clinicopathologic findings in a dog with a retrobulbar meningioma	Regan, Daniel P.; Kent, Marc; Mathes, Rachael; Almy, Frederic S.; Moore, Phillip A.; Howerth, Elizabeth W.	2011	23	4	1
Development of a reverse transcription loop-mediated isothermal amplification assay for detection of Porcine teschovirus	Wang, Bin; Wang, Yongqiang; Tian, Zhi-Jun; An, Tong-Qing; Peng, Jin-Mei; Tong, Guang-Zhi	2011	23	3	1
Pulmonary trematodosis ( <i>Pharyngostomoides</i> sp.) in a juvenile raccoon ( <i>Procyon lotor</i> )	Olson, Erik J.; Conboy, Gary A.; Stromberg, Bert E.; Hayden, David W.	2011	23	3	1
Evaluation of cerebrospinal fluid in Cavalier King Charles Spaniel dogs diagnosed with Chiari-like malformation with or without concurrent syringomyelia	Whittaker, Danielle E.; English, Kate; McGonnell, Imelda M.; Volk, Holger A.	2011	23	2	1
Detection and genetic analysis of aquabirnaviruses in subclinically infected aquarium fish	Shin, Sang Phil; Gomez, Dennis Kaw; Kim, Ji Hyung; Choresca, Casiano Hermorpia, Jr.; Han, Jee Eun; Jun, Jin Woo; Park, Se Chang	2011	23	2	1
Sellar xanthogranuloma in a dog	Cramer, Sarah D.; Miller, Andrew D.; Medici, Emily L.; Brunker, Jill D.; Ritchey, Jerry W.	2011	23	2	1
An optimized polymerase chain reaction assay to identify avian virus vaccine contamination with Chicken anemia virus	Amer, Haitham M.; Elzahed, Hanan M.; Elabiare, Elham A.; Badawy, Ahmed A.; Yousef, Ausama A.	2011	23	1	1
Primary meningeal hemangiosarcoma in a grower pig	Spitzbarth, Ingo; Peters, Martin; Stan, Alexandru C.; Wohlsein, Peter	2011	23	1	1

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Development of a set of multiplex standard polymerase chain reaction assays for the identification of infectious agents from aborted bovine clinical samples	Tramuta, Clara; Lacerenza, Daniela; Zoppi, Simona; Gorla, Mariella; Dondo, Alessandro; Ferroglio, Ezio; Nebbia, Patrizia; Rosati, Sergio	2011	23	4	0
Evaluation of cefoxitin disk diffusion breakpoint for detection of methicillin resistance in <i>Staphylococcus pseudintermedius</i> isolates from dogs	Bemis, David A.; Jones, Rebekah D.; Videla, Ricardo; Kania, Stephen A.	2012	24	5	0
The effects of cytochalasin D and abciximab on hemostasis in canine whole blood assessed by thromboelastography and the PFA-100 (R) platelet function analyzer system	Brainard, Benjamin M.; Abed, Janan M.; Koenig, Amie	2011	23	4	0
Detection of methicillin-resistant <i>Staphylococcus aureus</i> sequence type 8 in pigs, production environment, and human beings	Sunde, Marianne; Tharaldsen, Hanne; Marstein, Lillian; Haugum, Magne; Norstrom, Madelaine; Jacobsen, Trond; Lium, Bjorn	2011	23	2	0
Canine distemper outbreak in pet store puppies linked to a high-volume dog breeder	Schumaker, Brant A.; Miller, Myrna M.; Grosdidier, Paul; Cavender, Jacqueline L.; Montgomery, Donald L.; Cornish, Todd E.; Farr, Robert M.; Driscoll, Michael; Maness, Lori J.; Gray, Tangney; Petersen, Dana; Brown, William L.; Logan, Jim; O'Toole, Donal	2012	24	6	0
Clinical evaluation of the QuickVet (R)/RapidVet (R) canine dog erythrocyte antigen 1.1 blood-typing test	Kohn, Barbara; Classe, Gabriele; Weingart, Christiane	2012	24	3	0
Bovine viral diarrhea virus: Correlation between herd seroprevalence and bulk tank milk antibody levels using 4 commercial immunoassays	Eiras, Carmen; Arnaiz, Ignacio; Sanjuan, Maria L.; Yus, Eduardo; Dieguez, Francisco J.	2012	24	3	0
Molecular characterization and epidemiological investigation of Pigeon circovirus isolated in eastern China	Zhang, Zhicheng; Lu, Chengping; Wang, Yang; Wang, Shaohui; Dai, Dingzhen; Chen, Zhongming; Fan, Hongjie	2011	23	4	0
Molecular and pathological investigations of the central nervous system in <i>Borrelia burgdorferi</i> -infected dogs	Krimer, Paula M.; Miller, Andrew D.; Li, Qiang; Grosenbaugh, Deborah A.; Susta, Leonardo; Schatzberg, Scott J.	2011	23	4	0
Multi-organ involvement of <i>Heterobilharzia americana</i> infection in a dog presented for systemic mineralization	Corapi, Wayne V.; Ajithdoss, Dharani K.; Snowden, Karen F.; Spaulding, Kathy A.	2011	23	4	0
Malignant mesothelioma of the tunica vaginalis testis in a dog: histological and immunohistochemical characterization	Vascellari, Marta; Carminato, Antonio; Camali, Giovanni; Melchioni, Erica; Mutinelli, Franco	2011	23	1	0
Development of an antigen-capture enzyme-linked immunosorbent assay for <i>Clostridium perfringens</i> beta2-toxin in porcine feces and the neonatal piglet intestine	Kircanski, Jasmina; Hodgins, Douglas; Soltes, Glenn; Pei, Yanlong; Parreira, Valeria R.; Songer, J. Glenn; Prescott, John F.	2012	24	5	0
Host range of Canine minute virus in cell culture	Pratelli, Annamaria; Moschidou, Paschalina	2012	24	5	0
Characterization of extraintestinal pathogenic <i>Escherichia coli</i> isolated from captive wild felids with bacteremia	Carvalho, Vania M.; Osugui, Lika; Setzer, Ariela P.; Lopez, Rodrigo P. G.; Pestana de Castro, Antonio F.; Irino, Kinue; Catao-Dias, Jose L.	2012	24	5	0
Pathogenesis of nonsuppurative encephalitis caused by highly pathogenic Porcine reproductive and respiratory syndrome virus	Cao, Jianbo; Li, Bin; Fang, Liurong; Chen, Huanchun; Xiao, Shaobo	2012	24	4	0
Cutaneous toxoplasmosis in two dogs	Hoffmann, Aline Rodrigues; Cadieu, Jennifer; Kiupel, Matti; Lim, Ailam; Bolin, Steve R.; Mansell, Joanne	2012	24	3	0
Aberrant E-cadherin, beta-catenin, and glial fibrillary acidic protein (GFAP) expression in canine choroid plexus tumors	Nentwig, Alice; Higgins, Robert J.; Francey, Thierry; Doherr, Marcus; Zurbriggen, Andreas; Oevermann, Anna	2012	24	1	0
Evaluation of the automated hematology analyzer Sysmex XT-2000iV (TM) compared to the ADVIA (R) 2120 for its use in dogs, cats, and horses: part I-	Bauer, Natali; Nakagawa, Julia; Dunker, Cathrin; Failing, Klaus; Moritz, Andreas	2011	23	6	0

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precision, linearity, and accuracy of complete blood cell count					
Use of high-resolution melting curve analysis to identify <i>Mycoplasma</i> species commonly isolated from ruminant, avian, and canine samples	Rebelo, Ana Rita; Parker, Lois; Cai, Hugh Y.	2011	23	5	0
Evaluation of rapid and sensitive reverse transcription loop-mediated isothermal amplification method for detecting Infectious pancreatic necrosis virus in chum salmon ( <i>Oncorhynchus keta</i> )	Suebsing, Rungkarn; Oh, Myung-Joo; Kim, Jeong-Ho	2011	23	4	0
Variation in Bluetongue virus real-time reverse transcription polymerase chain reaction assay results in blood samples of sheep, cattle, and alpaca	Brito, Barbara P.; Gardner, Ian A.; Hietala, Sharon K.; Crossley, Beate M.	2011	23	4	0
Histologic and molecular identification of disseminated <i>Histoplasma capsulatum</i> in a captive brown bear ( <i>Ursus arctos</i> )	Highland, Margaret A.; Chaturvedi, Sudha; Perez, Michael; Steinberg, Howard; Wallace, Roberta	2011	23	4	0
<i>Brucella</i> sp vertebral osteomyelitis with intercurrent fatal <i>Staphylococcus aureus</i> toxigenic enteritis in a bottlenose dolphin ( <i>Tursiops truncatus</i> )	Goertz, Caroline E. C.; Frasca, Salvatore, Jr.; Bohach, Gregory A.; Cowan, Daniel F.; Buck, John D.; French, Richard A.; De Guise, Sylvain; Maratea, Jennifer; Hinckley, Lynn; Ewalt, Darla; Schlievert, Patrick M.; Karst, Sheila M.; Deobald, Claudia F.; St Aubin, David J.; Dunn, J. Lawrence	2011	23	4	0
Detection of a bacteriophage gene encoding a Mu-like portal protein in <i>Haemophilus parasuis</i> reference strains and field isolates by nested polymerase chain reaction	Zehr, Emilie S.; Tabatabai, Louisa B.	2011	23	3	0
Disseminated lipid-rich peritoneal mesothelioma in a horse	Dobromylskyj, Melanie J.; Copas, Victoria; Durham, Andy; Hughes, Thomas K.; Patterson-Kane, Janet C.	2011	23	3	0
Chondrosarcoma in a dromedary camel ( <i>Camelus dromedarius</i> )	Janardhan, Kyathanahalli S.; Ganta, Chanran K.; Andrews, Gordon A.; Anderson, David E.	2011	23	3	0
Acute selenium toxicosis in polo ponies	Desta, Belainesh; Maldonado, Gizela; Reid, Herman; Puschner, Birgit; Maxwell, James; Agasan, Alice; Humphreys, Leigh; Holt, Thomas	2011	23	3	0
An immunohistochemical assay to detect trophoblasts in frozen feline placenta	Scott, Veronica L.; Wallace, Kedra; Mays, Stephany; Ryan, Peter; Coats, Karen S.	2011	23	2	0
Development of an immunochromatographic strip for serological diagnosis of Porcine hemagglutinating encephalomyelitis virus	Chen, Keyan; He, Wenqi; Lu, Huijun; Song, Deguang; Gao, Wei; Lan, Yungang; Zhao, Kui; Gao, Feng	2011	23	2	0
Modification of a commercial <i>Toxoplasma gondii</i> immunoglobulin G enzyme-linked immunosorbent assay for use in multiple animal species	Schaefer, John J.; White, Holly A.; Schaaf, Stephanie L.; Mohammed, Hussni O.; Wade, Susan E.	2011	23	2	0
A functional turbidimetric method to determine C-reactive protein in horses	Tugirimana, Pierrot L.; De Clercq, Dominique; Holderbeke, Astrid L.; Kint, Jos A.; De Cooman, Liesbeth; Deprez, Piet; Delanghe, Joris R.	2011	23	2	0
Canine C-reactive protein measurements in cerebrospinal fluid by a time-resolved immunofluorimetric assay	Martinez-Subiela, Silvia; Caldin, Marco; Dolores Parra, Maria; Ottolini, Nicola; Bertolini, Giovanna; Bernal, Luis J.; Garcia-Martinez, Juan D.; Ceron, Jose J.	2011	23	1	0
Efficacy of an anaerobic swab transport system to maintain aerobic and anaerobic microorganism viability after storage at -80 degrees C	Musser, Jeffrey M. B.; Gonzalez, Rosa	2011	23	1	0
Fatal disseminated blastomycosis in a free-ranging American black bear ( <i>Ursus americanus</i> )	Dykstra, Jaclyn A.; Rogers, Lynn L.; Mansfield, Susan A.; Wuenschmann, Arno	2012	24	6	0

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Ricketts: case series and diagnostic review of hypovitaminosis D in swine	Madson, Darin M.; Ensley, Steve M.; Gauger, Phil C.; Schwartz, Kent J.; Stevenson, Greg W.; Cooper, Vickie L.; Janke, Bruce H.; Burrough, Eric R.; Goff, Jesse P.; Horst, Ronald L.	2012	24	6	0
Productive thyroid follicular carcinoma in a wild barred owl ( <i>Strix varia</i> )	Brandao, Joao; Manickam, Bala; Blas-Machado, Uriel; Cohen, Eli; Mejia-Fava, Johanna; Divers, Stephen; Mayer, Joerg	2012	24	6	0
Development of an immunochromatographic strip for the detection of antibodies against Porcine circovirus-2	Jin, Qianyue; Yang, Jifei; Lu, Qingxia; Guo, Junqing; Deng, Ruiguang; Wang, Yinbiao; Wang, Shihong; Wang, Shufen; Chen, Wen; Zhi, Yubao; Wang, Li; Yang, Suzhen; Zhang, Gaiping	2012	24	6	0
Fingerprinting of poultry isolates of <i>Enterococcus cecorum</i> using three molecular typing methods	Wijetunge, Dona Saumya; Dunn, Patricia; Wallner-Pendleton, Eva; Lintner, Valerie; Lu, Huaguang; Kariyawasam, Subhashinie	2012	24	6	0
Diagnostic accuracy of rectal mucosa biopsy testing for chronic wasting disease within white-tailed deer ( <i>Odocoileus virginianus</i> ) herds in North America: Effects of age, sex, polymorphism at PRNP codon 96, and disease progression	Thomsen, Bruce V.; Schneider, David A.; O'Rourke, Katherine I.; Gidlewski, Thomas; McLane, James; Allen, Robert W.; McIsaac, Alex A.; Mitchell, Gordon B.; Keane, Delwyn P.; Spraker, Terry R.; Balachandran, Aru	2012	24	5	0
Within-day repeatability for absolute quantification of <i>Lawsonia intracellularis</i> bacteria in feces from growing pigs	Pedersen, Ken Steen; Pedersen, Klaus H.; Hjulsager, Charlotte; Larsen, Lars Erik; Stahl, Marie; Angen, Oystein; Stege, Helle; Nielsen, Jens Peter	2012	24	5	0
In utero infection of a calf by <i>Saxseana erythrospora</i> resulting in neonatal abomasitis and dermatitis	Lawhon, Sara D.; Corapi, Wayne V.; Hoffmann, Aline Rodrigues; Libal, Melissa C.; Alvarez, Eduardo; Guarro, Josep; Wickes, Brian L.; Fu, Jianmin; Thompson, Elizabeth H.; Sutton, Deanna A.	2012	24	5	0
Equine laryngeal rhinosporidiosis in western Canada	Burgess, Hilary J.; Lockerbie, Betty P.; Czerwinski, Sarah; Scott, Mike	2012	24	4	0
Isolation of Equine rhinitis A virus from a horse semen sample	Johnson, Donna J.; Ostlund, Eileen N.; Palmer, Tiffany J.; Fett, Kathryn L.; Schmitt, Beverly J.	2012	24	4	0
Development of an antigen-capture monoclonal antibody-based enzyme-linked immunosorbent assay and comparison with culture for detection of <i>Salmonella enterica</i> serovar Enteritidis in poultry hatchery environmental samples	Brooks, Brian W.; Lutze-Wallace, Cheryl L.; Devenish, John; Elmuffi, Mohamed; Burke, Teresa	2012	24	3	0
Bovine viral diarrhea virus antigen detection across whole cattle hides using two antigen-capture enzyme-linked immunosorbent assays	Vander Ley, Brian L.; Ridpath, Julia F.; Sweiger, Shaun H.	2012	24	3	0
Locally infiltrative ameloblastic fibroma in a rhesus macaque ( <i>Macaca mulatta</i> ) with characterizations of its proliferating activity and biological behavior	Liu, David X.; Doyle, Lara A.; Bouljihad, Mostafa T.; Didier, Peter J.; Gilbert, Margaret H.; Wang, Xiaolei; Pahar, Bapi; Bohm, Rudolf P.; Veazey, Ronald S.; Lackner, Andrew A.	2012	24	3	0
Detection of a putative hemolysin operon, <i>hhdBA</i> , of <i>Haemophilus parasuis</i> from pigs with Glasser disease	Assavacheep, Pornchalit; Assavacheep, Anongnart; Turni, Conny	2012	24	2	0
Comparison of two commercial enzyme-linked immunosorbent assays for the diagnosis of Porcine reproductive and respiratory syndrome virus infection	Diaz, Ivan; Venteo, Angel; Rebollo, Belen; Martin-Valls, Gerard E.; Simon-Grife, Meritxell; Sanz, Antonio; Mateu, Enric	2012	24	2	0
A malignant and metastasizing feline cardiac ganglioneuroma	Kobayashi, Ryosuke; Ohsaki, Yayoi; Yasuno, Kyohei; Ogihara,	2012	24	2	0

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	Kikumi; Kasai, Tomoko; Chambers, James Kenn; Uchida, Kazuyuki; Saegusa, Sanae; Kamiie, Junichi; Shiota, Kinji				
Discrimination between Mycoplasma and Acholeplasma species of bovine origin using digitonin disc diffusion assay, nisin disc diffusion assay, and conventional polymerase chain reaction	Boonyayatra, Sukolrat; Fox, Lawrence K.; Gay, John M.; Sawant, Ashish; Besser, Thomas E.	2012	24	1	0
Characterization of a novel alloherpesvirus from Atlantic cod ( <i>Gadus morhua</i> )	Marcos-Lopez, Mar; Waltzek, Thomas B.; Hedrick, Ronald P.; Baxa, Dolores V.; Garber, Amber F.; Liston, Rebecca; Johnsen, Eric; Forward, Benjamin S.; Backman, Steven; Ferguson, Hugh W.	2012	24	1	0
Development and validation of a Myxoma virus real-time polymerase chain reaction assay	Albini, Sarah; Sigrist, Brigitte; Guettinger, Regula; Schelling, Claude; Hoop, Richard K.; Voegtlin, Andrea	2012	24	1	0
Comparison of a TaqMan real-time polymerase chain reaction assay with a loop-mediated isothermal amplification assay for detection of Gallid herpesvirus 1	Ou, Shan-Chia; Giambrone, Joseph J.; Macklin, Kenneth S.	2012	24	1	0
Differential reactivity of serum immunoglobulins from Brazilian wild mammals to staphylococcal A and streptococcal G proteins	Pelli, Afonso; Castellano, Lucio R.; Cardoso, Marcos R. S.; Vasconcelos, Luis A. S.; Domingues, Marcos A.; Ferreira, Maria B.; Rodrigues, Virmondes	2012	24	1	0
Declines in blood lead concentrations in clinically affected and unaffected cattle accidentally exposed to lead	Bischoff, Karyn; Thompson, Belinda; Erb, Hollis N.; Higgins, William P.; Ebel, Joseph G.; Hillebrandt, Joseph R.	2012	24	1	0
Rapid detection of GM1 ganglioside in cerebrospinal fluid in dogs with GM1 gangliosidosis using matrix-assisted laser desorption ionization time-of-flight mass spectrometry	Satoh, Hiroyuki; Yamauchi, Toyofumi; Yamasaki, Masahiro; Maede, Yoshimitsu; Yabuki, Akira; Chang, Hye-Sook; Asanuma, Taketoshi; Yamato, Osamu	2011	23	6	0
<i>Arcanobacterium haemolyticum</i> in a badger ( <i>Meles meles</i> )	Wragg, Peter N.; Strugnell, Benjamin W.; Whatmore, Adrian M.; Foster, Geoffrey	2011	23	6	0
Outbreak of equine endometritis caused by a genotypically identical strain of <i>Pseudomonas aeruginosa</i>	Allen, Joanne L.; Begg, Angela P.; Browning, Glenn F.	2011	23	6	0
Thermophilic helicase-dependent DNA amplification using the IsoAmp (TM) SE experimental kit for rapid detection of <i>Streptococcus equi</i> subspecies <i>equi</i> in clinical samples	Artiushin, Sergey; Tong, Yanhong; Timoney, John; Lemieux, Bertrand; Schlegel, Anne; Kong, Huimin	2011	23	5	0
Development and validation of an indirect enzyme-linked immunosorbent assay for the detection of Avian leukosis virus antibodies based on a recombinant capsid protein	Qiu, Yu; Qian, Kun; Shen, Haiyu; Jin, Wenjie; Qin, Aijian	2011	23	5	0
Localized toxoplasmosis in a ring-tailed lemur ( <i>Lemur catta</i> ) causing placentitis, stillbirths, and disseminated fetal infection	Juan-Salles, Carles; Mainez, Mireia; Marco, Alberto; Malabia Sanchis, Ana M.	2011	23	5	0
Disseminated sclerosing peritoneal mesothelioma in a dog	Gumber, Sanjeev; Fowlkes, Natalie; Cho, Doo-Youn	2011	23	5	0
Bovine cryptococcal meningoencephalitis	Riet-Correa, Franklin; Krockenberger, Mark; Dantas, Antonio F. M.; Oliveira, Diego M.	2011	23	5	0
Lymphosarcoma associated with <i>Heterobilharzia americana</i> infection in a dog	Stone, Richard H.; Frontera-Acevedo, Karelma; Saba, Corey F.; Ambrose, Dana; Moorhead, Andrew R.; Brown, Cathy A.	2011	23	5	0
Measurement of serum anti-Mullerian hormone concentration in female dogs and cats before and after ovariectomy	Place, Ned J.; Hansen, Betty S.; Cheraskin, Jeri-Lyn; Cudney, Sarah E.; Flanders, James A.; Newmark,	2011	23	3	0

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	Andrew D.; Barry, Bridget; Scarlett, Janet M.				
A new variant of <i>Actinobacillus pleuropneumoniae</i> serotype 3 lacking the entire <i>apxII</i> operon	Kuhnert, Peter; Rohde, Judith; Korczak, Bozena M.	2011	23	3	0
Meningitis caused by <i>Mycoplasma mycoides</i> subspecies <i>capri</i> in a goat	Schumacher, Vanessa L.; Hinckley, Lynn; Liao, Xiaofen; Tulman, Edan; Geary, Steven J.; Smyth, Joan A.	2011	23	3	0
Mixed infection by Feline astrovirus and Feline panleukopenia virus in a domestic cat with gastroenteritis and panleukopenia	Moschidou, Paschalina; Martella, Vito; Lorusso, Eleonora; Desario, Costantina; Pinto, Pierfrancesco; Losurdo, Michele; Catella, Cristiana; Parisi, Antonio; Banyai, Krisztian; Buonavoglia, Canio	2011	23	3	0
Embryonal carcinoma in the abdominal cavity of a male calf	Aihara, Naoyuki; Yamamoto, Naoki; Takagi, Takayo; Une, Yumi	2011	23	3	0
<i>Baccharis megapotamica</i> var. <i>weirii</i> poisoning in water buffalo ( <i>Bubalus bubalis</i> )	Oliveira-Filho, Jose C.; Carmo, Priscila M. S.; Lucena, Ricardo B.; Pierezan, Felipe; Barros, Claudio S. L.	2011	23	3	0
A simulation model to quantify the value of implementing whole-herd Bovine viral diarrhoea virus testing strategies in beef cow-calf herds	Nickell, Jason S.; White, Brad J.; Larson, Robert L.; Renter, David G.; Sanderson, Mike W.	2011	23	2	0
Nasopharyngeal oncocytoma in a cat	You, Mi-Hyeon; Kim, Yong-Baek; Woo, Gye-Hyeong; Kim, Jun-Young; Yoon, Jung Hee; Youn, Hwa-Young; Kim, Dae-Yong	2011	23	2	0
Development of an individual rapid test based on enzymatic immunofiltration assay for detection of anti- <i>Brucella abortus</i> antibody in bovine sera	Genc, Oktay; Buyuktanir, Ozlem; Yurdusev, Nevzat	2011	23	1	0
Comparative analysis of serotonin in equine plasma with liquid chromatography-tandem mass spectrometry and enzyme-linked immunosorbent assay	Torfs, Sara C.; Maes, An A.; Delesalle, Catherine J.; Deprez, Piet; Croubels, Siska M.	2012	24	6	0
Bronchopneumonia in two dairy calves associated with <i>Mannheimia</i> species cluster V infection	Britton, Ann P.; Zabek, Erin N.	2012	24	6	0
Hepatocellular carcinomas in Vietnamese pot-bellied pigs ( <i>Sus scrofa</i> )	Haddad, Jamie L.; Habecker, Perry L.	2012	24	6	0
The occurrence of Bovine viral diarrhoea virus in hunter-harvested white-tailed deer ( <i>Odocoileus virginianus</i> ) in the state of Georgia, southeastern United States	Ilha, Marcia R. S.; Coarsey, Michele; Whittington, Lisa; Rajeev, Sreekumari; Ramamoorthy, Sheela	2012	24	6	0
Influence of submission form characteristics on clinical information received in biopsy accession	Brannick, Erin M.; Zhang, Jianying; Zhang, Xiaoli; Stromberg, Paul C.	2012	24	6	0
A case of feline neurolymphomatosis: pathological and molecular investigations	Mandrioli, Luciana; Morini, Maria; Biserni, Roberta; Gentilini, Fabio; Turba, Maria Elena	2012	24	6	0
Susceptibility of cattle to the agent of chronic wasting disease from elk after intracranial inoculation	Greenlee, Justin J.; Nicholson, Eric M.; Smith, Jodi D.; Kunkle, Robert A.; Hamir, Amir N.	2012	24	6	0
Pythiosis of the digestive tract in sheep	Pessoa, Clarice R. M.; Riet-Correa, Franklin; Pimentel, Luciano A.; Garino, Felicio, Jr.; Dantas, Antonio F. M.; Kommers, Glaucia D.; Tabosa, Ivon M.; Reis-Junior, Janildo L.	2012	24	6	0
Development of latex agglutination test for rapid detection of antibodies against Bovine herpesvirus 1 and Bovine herpesvirus 5 in cattle	Fan, Qiang; Yao, Lan; Ding, Ming; Wang, Dan-Jing; Chen, Huan-Chun; Liu, Zheng-Fei	2012	24	6	0
Transmission dynamics of <i>Mycoplasma bovis</i> in newly received beef bulls at fattening operations	Timsit, Edouard; Arcangioli, Marie-Anne; Bareille, Nathalie; Seegers, Henri; Assie, Sebastien	2012	24	6	0
Reactive amyloidosis associated with ischial callositis: a report with histology of ischial callosities in rhesus macaques ( <i>Macaca mulatta</i> )	Liu, David X.; Gilbert, Margaret H.; Wang, Xiaolei; Didier, Peter J.; Veazey, Ronald S.	2012	24	6	0

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Limited yield of diagnoses of intrahepatic infectious causes of canine granulomatous hepatitis from archival liver tissue	Hutchins, Rae G.; Breitschwerdt, Edward B.; Cullen, John M.; Bissett, Sally A.; Gookin, Jody L.	2012	24	5	0
Comparison of serum treatments to remove nonspecific inhibitors from chicken sera for the hemagglutination inhibition test with inactivated H5N1 and H9N2 avian Influenza A virus subtypes	Kim, Hye-Ryoung; Lee, Kyoung-Ki; Kwon, Yong-Kuk; Kang, Min-Su; Moon, Oun-Kyung; Park, Choi-Kyu	2012	24	5	0
Lysine at position 222 of the goat prion protein inhibits the binding of monoclonal antibody F99/97.6.1	Mazza, Maria; Guglielmetti, Chiara; Pagano, Marianna; Sciuto, Simona; Ingravalle, Francesco; Martucci, Francesca; Caramelli, Maria; Acutis, Pier Luigi	2012	24	5	0
Performance analysis of rapid diagnostic tests on atypical bovine spongiform encephalopathy	Gray, John G.; Dudas, Sandor; Graham, Catherine; Czub, Stefanie	2012	24	5	0
Metastatic cholangiocarcinoma in a llama (Lama glama)	Taulescu, Marian A.; Bolfa, Pompei F.; Buiga, Rares; Gal, Adrian F.; Sevastre, Bogdan; Morar, Iancu; Catoi, Cornel	2012	24	5	0
Cerebrospinal nematodiasis outbreak in an urban outdoor aviary of cockatiels ( <i>Nymphicus hollandicus</i> ) in southern California	Diab, Santiago S.; Uzal, Francisco A.; Giannitti, Federico; Shivaprasad, H. L.	2012	24	5	0
Enteritis in an alpaca ( <i>Vicugna pacos</i> ) associated with a potentially novel adenovirus	Twomey, David F.; Grierson, Sylvia S.; Martelli, Francesca; Higgins, Robert J.; Jeffrey, Martin	2012	24	5	0
Presumptive pure erythroid leukemia in a dog	Mylonakis, Mathios E.; Kritsepi-Konstantinou, Maria; Vernau, William; Valli, Victor E.; Pardali, Dimitra; Koutinas, Alexander F.	2012	24	5	0
Pot-bellied pig neoplasia: A retrospective case series (2004-2011)	Newman, Shelley J.; Rohrbach, Barton	2012	24	5	0
A mammary gland chondrolipoma in the dog	Asproni, Pietro; Millanta, Francesca; Poli, Alessandro	2012	24	5	0
Hepatic copper and iron accumulation and histologic findings in 104 feline liver biopsies	Whittemore, Jacqueline C.; Newkirk, Kim M.; Reel, Danielle M.; Reed, Ann	2012	24	4	0
Serum osmolality and effects of water deprivation in captive Asian elephants ( <i>Elephas maximus</i> )	Hall, Natalie H.; Isaza, Ramiro; Hall, James S.; Wiedner, Ellen; Conrad, Bettina L.; Wamsley, Heather L.	2012	24	4	0
Spontaneously occurring multicentric basal cell carcinoma and keratoacanthomas in a multimammate mouse ( <i>Mastomys</i> spp.)	Eydner, Maja; Jacobsen, Bjoern; Thomann, Martina; Rittinghausen, Susanne; Fehr, Michael; Baumgaertner, Wolfgang	2012	24	4	0
Antigen-capture enzyme-linked immunosorbent assays for detection of different H5 avian Influenza A virus	Chiu, Yi-Chung; Chu, Wen-Yu; Tsao, Zak; Wang, Ching-Ho	2012	24	4	0
Molecular epidemiology of <i>Mannheimia haemolytica</i> and <i>Mannheimia glucosida</i> associated with ovine mastitis	Omaleki, Lida; Browning, Glenn F.; Allen, Joanne L.; Barber, Stuart R.	2012	24	4	0
Molecular characterization of Canineminute virus associated with neonatal mortality in a litter of Jack Russell terrier dogs	Decaro, Nicola; Amorisco, Francesca; Lenoci, Diana; Lovero, Angela; Colaianni, Maria Loredana; Losurdo, Michele; Desario, Costantina; Martella, Vito; Buonavoglia, Canio	2012	24	4	0
Dermatopathy in juvenile Angus cattle due to vitamin A deficiency	Baldwin, Thomas J.; Rood, Kerry A.; Kelly, E. Jane; Hall, Jeffery O.	2012	24	4	0
Malignant peripheral nerve sheath tumor in a cat with nodal and pulmonary metastases	Buza, Elizabeth L.; Menzies, Robert A.; Goldschmidt, Michael H.; Durham, Amy C.	2012	24	4	0
Infection of an equine placenta with a novel mycobacterial species leading to abortion	Johnson, Aime K.; Roberts, John F.; Hagan, Alexander; Wilborn, Robyn R.; Dujovne, Ghislaine; Sells, Stephen F.; Donahue, J. Michael	2012	24	4	0
Chondrosarcoma of the scapula of an 8-month-old Holstein steer	Beck, Amanda P.; Jones, Meredyth L.	2012	24	4	0

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Infiltrative gastric adenocarcinoma in a chinchilla ( <i>Chinchilla lanigera</i> )	Lucena, Ricardo Barbosa; Rissi, Daniel Ricardo; Magalhaes Queiroz, Dulciene Maria; Lombardo Barros, Claudio Severo	2012	24	4	0
Eosinophilic granulocytic sarcoma in a pig	Brum, Juliana S.; Lucena, Ricardo B.; Martins, Tessie B.; Figuera, Rafael A.; Barros, Claudio S. L.	2012	24	4	0
Experimental rayless goldenrod ( <i>Isocoma pluriflora</i> ) toxicosis in goats (vol 22, pg 570, 2010)	Stegelmeier, Bryan L.	2012	24	4	0
An error management system in a veterinary clinical laboratory	Hooijberg, Emma; Leiding, Ernst; Freeman, Kathleen P.	2012	24	3	0
Detection of disease resistance and susceptibility alleles in pigs using oligonucleotide microarray hybridization	Pastoret, Soumya; Ameels, Helene; Bossiroy, Frederique; Decreux, Annabelle; De Longueville, Francoise; Thomas, Anne; Remacle, Jose; Desmecht, Daniel	2012	24	3	0
<i>Myxobolus albi</i> infection in cartilage of captive lumpfish ( <i>Cyclopterus lumpus</i> )	Cavin, Julie M.; Donahoe, Shannon L.; Frasca, Salvatore, Jr.; Innis, Charles J.; Kinsel, Michael J.; Kurobe, Tomofumi; Naples, Lisa M.; Nyaoke, Akinyi; Poll, Caryn P.; Weber, E. P. Scott, III	2012	24	3	0
Utility of nuclear morphometry in the cytologic evaluation of canine cutaneous soft tissue sarcomas	Meachem, Melissa D.; Burgess, Hilary J.; Davies, Jennifer L.; Kidney, Beverly A.	2012	24	3	0
Reference intervals for mineral concentrations in whole blood and serum of bighorn sheep ( <i>Ovis canadensis</i> ) in California	Poppenga, Robert H.; Ramsey, Jennifer; Gonzales, Ben J.; Johnson, Christine K.	2012	24	3	0
Prolonged incubation time in sheep with prion protein containing lysine at position 171	Greenlee, Justin J.; Zhang, Xia; Nicholson, Eric M.; Kunkle, Robert A.; Hamir, Amir N.	2012	24	3	0
A rapid mismatch polymerase chain reaction assay to detect carriers of complex vertebral malformation in Holstein cattle	Wang, Shuai; Hao, Haisheng; Zhao, Xueming; Zhu, Huabin; Du, Weihua; Wang, Dong; Liu, Yan; Qin, Tong; Wang, Zongli	2012	24	3	0
Clinical, pathological, and genetic characterization of <i>Listeria monocytogenes</i> causing sepsis and necrotizing typhlocolitis and hepatitis in a foal	Warner, Shayna L.; Boggs, Jacquelin; Lee, Jung Keun; Reddy, Swetha; Banes, Michelle; Cooley, Jim	2012	24	3	0
A suprasellar germ cell tumor in a 16-month-old Wagyu heifer calf	Brooks, Aimee N.; Brooks, Kelly N.; Oglesbee, Michael J.	2012	24	3	0
Metastasizing testicular seminoma in a pet rabbit	Banco, Barbara; Stefanello, Damiano; Giudice, Chiara; D'Acerno, Massimo; Di Giancamillo, Mauro; Grieco, Valeria	2012	24	3	0
Vascular mineralization in the brain of horses	Martinez, Jorge; Montgomery, Donald L.; Uzal, Francisco A.	2012	24	3	0
Intramedullary lumbosacral teratoma in a domestic ferret ( <i>Mustela putorius furo</i> )	Keller, Dominique L.; Schneider, Lauren K.; Chamberlin, Tamara; Ellison, Michelle; Steinberg, Howard	2012	24	3	0
Lipid emboli in a Vietnamese potbellied pig ( <i>Sus scrofa</i> )	Newkirk, Kim M.; Fineschi, Vittorio; Kiefer, Virginia R.; VanAmstel, Sarel R.	2012	24	3	0
Interference in diagnostic tests for brucellosis in cattle recently vaccinated against leptospirosis	Frederico de Faria Naves, Joao Helder; Rezende, Lais M.; Ramos, Gabriel C.; Soares, Pollyanna M.; Tavares, Tatiane C. F.; Franca, Andre M. S.; Neves, Saira M. N.; Silva, Natascha A. M.; Lima-Ribeiro, Anna M. C.	2012	24	2	0
Longitudinal assessment of two <i>Mycoplasma hyopneumoniae</i> enzyme-linked immunosorbent assays in challenged and contact-exposed pigs	Fano, Eduardo; Pijoan, Carlos; Dee, Scott; Deen, John	2012	24	2	0

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Alopecia areata in two black Angus cows	Valentine, Beth A.; Bildfell, Robert J.; Packham, David; Scott, Danny W.; Miller, William H.	2012	24	2	0
Multiple endocardial neurofibromas in a rosy-billed pochard ( <i>Netta peposaca</i> )	Miller, Andrew D.; Baitchman, Eric J.; Masek-Hammerman, Katherine	2012	24	2	0
Uterine heterologous malignant mixed Mullerian tumor in a dwarf rabbit ( <i>Oryctolagus cuniculus</i> )	Zdravec, Marko; Gombac, Mitja; Racnik, Jozko; Rojs, Olga Zorman; Pogacnik, Milan; Svava, Tanja	2012	24	2	0
Enzootic calcinosis caused by <i>Nierembergia rivularis</i> in sheep	Garcia y Santos, Carmen; Pereira, Rodrigo; Etcheberry, Gabriel; Goyen, Juan M.; Perez, William; Capelli, Alejandra; Alonso, Eduardo; Ruiz-Diaz, Alejandro; Riet-Correa, Franklin	2012	24	2	0
Synovial hemangioma in an adult horse	Holzhausen, Lars; Nowak, Michael; Junginger, Johannes; Puff, Christina	2012	24	2	0
E. P. Pope Memorial Award to Dr. Barbara E. Powers	[Anonymous]	2012	24	1	0
AAVLD Distinguished Service Award to Dr. Clyde A. Kirkbride	Anderson, Gary; Zeman, David	2012	24	1	0
Low rate of detectable in utero transmission of <i>Mycobacterium avium</i> subspecies paratuberculosis in a dairy herd with a low prevalence of Johne's disease	Adaska, John M.; Whitlock, Robert H.	2012	24	1	0
Detection and identification of <i>Mycobacterium tuberculosis</i> and <i>Mycobacterium bovis</i> from clinical species using DNA microarrays	Jia, Kun; Yu, Miao; Zhang, Gui-Hong; Zhang, Jun; Lin, Zhi-Xiong; Luo, Chang-Bao; Yu, Hai-Qiong; Li, Shou-Jun	2012	24	1	0
Double-outlet right ventricle and double septal defects in a Rhesus macaque ( <i>Macaca mulatta</i> )	Liu, David X.; Gilbert, Margaret H.; Kempf, Doty J.; Didier, Peter J.	2012	24	1	0
Pulmonary arteriovenous malformation in two adult alpacas ( <i>Vicugna pacos</i> )	Piripi, Susan; Hustace, Jaime; Carney, Katelyn R.; Heidel, Jerry R.; Loehr, Christiane V.	2012	24	1	0
Reports of oligodendrogliomas in three white-tailed deer ( <i>Odocoileus virginianus</i> )	Gottdenker, Nicole L.; Gerhold, Richard; Cartoceti, Andrew; Keel, M. Kevin; Goltz, James P.; Howerth, Elizabeth	2012	24	1	0
Alloimmune neonatal neutropenia and neonatal isoerythrolysis in a Thoroughbred colt	Wong, David M.; Alcott, Cody J.; Clark, Sandra K.; Jones, Douglas E.; Fisher, Phyllis G.; Sponseller, Brett A.	2012	24	1	0
Thallium toxicosis in a dog consequent to ingestion of <i>Mycoplasma</i> agar plates	Puschner, Birgit; Basso, Marguerite M.; Graham, Thomas W.	2012	24	1	0
Disseminated T-cell lymphoma in a bonobo ( <i>Pan paniscus</i> )	Gibson-Corley, Katherine N.; Haynes, Joseph S.	2012	24	1	0
Amanitin intoxication in two beef calves in California	Yee, Mok Mai; Woods, Leslie W.; Poppenga, Robert H.; Puschner, Birgit	2012	24	1	0
Pseudorabies virus infection in Oklahoma hunting dogs (vol 23, pg 915, 2011)	Cramer, Sarah D.	2012	24	1	0
<i>Mycoplasmas</i> in Australian fur seals ( <i>Arctocephalus pusillus doriferus</i> ): identification and association with abortion	Lynch, Michael; Taylor, Trevor K.; Duignan, Padraig J.; Swingler, Jane; Marendra, Marc; Arnould, John P. Y.; Kirkwood, Roger	2011	23	6	0
Quantitative duplex TaqMan real-time polymerase chain reaction for the assessment of the etiologic agent of epizootic bovine abortion	Brooks, Roxann S.; Blanchard, Myra T.; Anderson, Mark L.; Hall, Mark R.; Stott, Jeffery L.	2011	23	6	0
Comparative evaluation of a competitive polymerase chain reaction (PCR) and a SYBR Green-based real-time PCR to quantify Porcine circovirus-2 DNA in swine tissue samples	Dezen, Diogenes; Rijsewijk, Franciscus A. M.; Teixeira, Thais F.; Holz, Carine L.; Varela, Ana P.; Cibulski, Samuel P.; Gregianini, Tatiane Shaeffer; Batista, Helena B. C. R.; Franco, Ana C.; Roehe, Paulo M.	2011	23	6	0

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Effects of DNA extraction method on Porcine circovirus-2 real-time polymerase chain reaction quantification in swine lymph node samples	Faccini, Silvia; Nigrelli, Arrigo D.; Franzini, Giuliana; Rosignoli, Carlo; Barbieri, Ilaria; Alborali, Giovanni L.; Boniotti, Maria B.	2011	23	6	0
Phenotype characterization of Staphylococcus species strains isolated from buffalo ( <i>Bubalus bubalis</i> ) milk	Oliveira, Andrea A. F.; Pinheiro, Jose W., Jr.; Mota, Rinaldo A.; Cunha, Maria L. R. S.; Lopes, Carlos A. M.; Rocha, Noeme S.	2011	23	6	0
Sebaceous metaplasia in a canine mammary gland non-infiltrative carcinoma with myoepithelial component	Grandi, Fabrizio; Colodel, Marcia M.; Rocha, Rafael M.; Sequeira, Julio L.	2011	23	6	0
Development of a real-time polymerase chain reaction assay for detection of <i>Actinobacillus suis</i> in porcine lung	Kariyawasam, Subhashinie; Strait, Erin; Jordan, Dianna; Kroll, Jeremy	2011	23	5	0
A duplex real-time polymerase chain reaction assay for the simultaneous detection of long terminal repeat regions and envelope protein gene sequences of Reticuloendotheliosis virus in avian blood samples	Sun, Feng; Ferro, Pamela J.; Lupiani, Blanca; Kahl, Janell; Morrow, Michael E.; Flanagan, Joseph P.; Estevez, Carlos; Clavijo, Alfonso	2011	23	5	0
Characterization of parvoviruses from domestic cats in Brazil	Nasser Cubel Garcia, Rita de Cassia; de Castro, Tatiana Xavier; de Miranda, Suzana Carvalho; Lopes Junior, Glaucio; de Lima, Marcelo; Labarthe, Norma Volmer; Gagliardi Leite, Jose Paulo	2011	23	5	0
Rapid quantification of ionophores in feeds by liquid chromatography-tandem mass spectrometry	Huang, Min; Rumbelha, Wilson K.; Braselton, W. Emmett; Johnson, Margaret	2011	23	5	0
Canine ovarian tumors: an immunohistochemical study with HBME-1 antibody	Banco, Barbara; Antuofermo, Elisabetta; Borzacchiello, Giuseppe; Cossu-Rocca, Paolo; Grieco, Valeria	2011	23	5	0
Development, optimization, and validation of a Classical swine fever virus real-time reverse transcription polymerase chain reaction assay	Eberling, August J.; Bieker-Stefanelli, Jill; Reising, Monica M.; Siev, David; Martin, Barbara M.; McIntosh, Michael T.; Beckham, Tammy R.	2011	23	5	0
Antimicrobial susceptibility of <i>Arcanobacterium pyogenes</i> isolated from the lungs of white-tailed deer ( <i>Odocoileus virginianus</i> ) with pneumonia	Tell, Lisa A.; Brooks, Jason W.; Lintner, Valerie; Matthews, Tammy; Kariyawasam, Subhashinie	2011	23	5	0
Isolation of <i>Cokeromyces recurvatus</i> from the gastrointestinal tract in a dog with protein-losing enteropathy	Parker, Valerie J.; Jergens, Albert E.; Whitley, Elizabeth M.; Frana, Timothy S.	2011	23	5	0
Single-step multiplex reverse transcription polymerase chain reaction assay for detection and differentiation of the 2009 H1N1 Influenza A virus pandemic in Thai swine populations	Thontiravong, Aunyaratana; Tantilertcharoen, Rachod; Tuanudom, Ranida; Sreta, Donreuthai; Thanawongnuwech, Roongroje; Amonsin, Alongkorn; Oraveerakul, Kanisak; Kitikoon, Pravina	2011	23	5	0
Vulvar epithelioid hemangiosarcoma with solar elastosis in a mare	Gumber, Sanjeev; Baia, Petrisor; Wakamatsu, Nobuko	2011	23	5	0
Atypical caudal duplication with phenotypic sex reversal in a dog	Paquet, Marilene; El-Warrak, Alexander O.; Lague, Marie-Noelle; Boerboom, Derek	2011	23	5	0
Vaccine-associated fibrosarcoma with keloidal differentiation in a cat	Gumber, Sanjeev; Wakamatsu, Nobuko	2011	23	5	0
Pseudo-placentational endometrial hyperplasia in a dog	Sato, Yoshihiko	2011	23	5	0
A quadrigeminal dermoid cyst with concurrent necrotizing granulomatous leukoencephalomyelitis in a Yorkshire Terrier dog	Beard, Philippa M.; Munro, Elizabeth; Gow, Adam G.	2011	23	5	0
A nested multiplex polymerase chain reaction assay for the differential identification of three zoonotic chlamydial strains in porcine swab samples	Li, Yingguo; Wang, Yu; Nie, Fuping; Xiao, Jinwen; Wang, Guoming; Yuan, Ling; Li, Zhengguo	2011	23	4	0

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High-resolution gel electrophoresis and sodium dodecyl sulphate-agarose gel electrophoresis on urine samples for qualitative analysis of proteinuria in dogs	Giori, Luca; Tricomi, Flavia Marcella; Zatelli, Andrea; Roura, Xavier; Paltrinieri, Saverio	2011	23	4	0
Comparison of three typing assays for nicotinamide adenine dinucleotide-independent Actinobacillus pleuropneumoniae	Maldonado, Jaime; Blanco, Monica; Martinez, Eva; Navas, Jesus	2011	23	4	0
Clinical and pathologic characteristics of T-cell lymphoma with a leukemic phase in a raccoon dog ( <i>Nyctereutes procyonoides</i> )	Perpinan, David; Costa, Taiana P.; Choi, William W. L.; Caponetti, Gabriel; Brodersen, Bruce W.; Armstrong, Douglas L.	2011	23	4	0
Cutaneous invasive micropapillary carcinoma of probable apocrine sweat gland origin in a cat	Machida, Yukino; Yoshimura, Hisashi; Nakahira, Rei; Michishita, Masaki; Ohkusu-Tsukada, Kozo; Takahashi, Kimimasa	2011	23	4	0
Pelger-Huet anomaly in two related mixed-breed dogs	Vale, Andre M.; Tomaz, Klivio Loreno R.; Sousa, Rejane S.; Soto-Blanco, Benito	2011	23	4	0
Evaluation of the Mythic 18 hematology analyzer for use with canine, feline, and equine samples	Wassmuth, Andrea K.; Riond, Barbara; Hofmann-Lehmann, Regina; Lutz, Hans	2011	23	3	0
Development of a chromogenic in situ hybridization for <i>Giardia duodenalis</i> and its application in canine, feline, and porcine intestinal tissues samples	Weissenboeck, Herbert; Ondrovics, Martina; Gurtner, Susanne; Schiessl, Peter; Mostegl, Meike M.; Richter, Barbara	2011	23	3	0
Preliminary validation of assays to measure parameters of calcium metabolism in captive Asian and African elephants in western Europe	van Sonsbeek, Gerda R.; van der Kolk, Johannes H.; van Leeuwen, Johannes P. T. M.; Schaftenaar, Willem	2011	23	3	0
Polymerase chain reaction-based identification of clinically relevant Pasteurellaceae isolated from cats and dogs in Poland	Krol, Jaroslaw; Bania, Jacek; Florek, Magdalena; Pliszczak-Krol, Aleksandra; Staroniewicz, Zdzislaw	2011	23	3	0
Polymerase chain reaction-restriction fragment length polymorphism analysis of the genes involved in the biosynthesis of the lipopolysaccharide of <i>Pasteurella multocida</i>	Tsai, Yu-Chen; Shien, Jui-Hung; Wu, Jin-Ru; Shieh, Happy K.; Chang, Poa-Chun	2011	23	3	0
Cutaneous Hepatozoon canis infection in a dog from New Jersey	Little, Liz; Baneth, Gad	2011	23	3	0
Ovarian mucinous cystadenoma in a gray brocket deer ( <i>Mazama gouazoubira</i> )	Monteiro, Lidianne N.; Salgado, Breno S.; Grandi, Fabrizio; Fernandes, Thais R.; Miranda, Bruna S.; Teixeira, Carlos R.; Rocha, Rafael M.; Rocha, Noeme S.	2011	23	3	0
Peritoneal fibrosarcomatous mesothelioma in a cat	Heerkens, Tammy M-J; Smith, Jodi D.; Fox, Leslie; Hostetter, Jesse M.	2011	23	3	0
Assessment of urine solute and matrix effects on the performance of an enzyme-linked immunosorbent assay for measurement of interleukin-6 in dog urine	Wood, Michael W.; Nordone, Sushila K.; Vaden, Shelly L.; Breitschwerdt, Edward B.	2011	23	2	0
Immunochromatographic gold-based test strip for rapid detection of Infectious bursal disease virus antibodies	Nurulfiza, Isa; Hair-Bejo, Mohd; Omar, Abdul R.; Aini, Ideris	2011	23	2	0
An unusual strain of <i>Haemophilus parasuis</i> that fails to react in a species-specific polymerase chain reaction assay	Turni, Conny; Blackall, Patrick J.	2011	23	2	0
Cryptosporidiosis in intensively reared Barramundi ( <i>Lates calcarifer</i> )	Gabor, Les J.; Srivastava, Mukesh; Titmarsh, Jeff; Dennis, Michelle; Gabor, Melinda; Landos, Matthew	2011	23	2	0
Detection of Infectious pancreatic necrosis virus in subclinically infected Atlantic salmon by virus isolation in cell culture or real-time reverse transcription polymerase chain reaction: influence of sample preservation and storage (vol 22, pg 886, 2010)	Orpetveit, I	2011	23	2	0
Detection of <i>Brucella canis</i> -induced reproductive diseases in a kennel	Miklos Gyuranecz; Levente Szeredi; Zsuzsanna Ronai; Denes,	2011	23	1	0

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	Bela; Laszlo Dencso; Adam Dan; Nimrod Palmai; Zsafia Hauser; Erzsebet Lami; Laszlo Makrai; Karoly Erdelyi; Szilard Janosi				
Atypical scrapie/Nor98 in a sheep from New Zealand (vol 22, pg 863, 2010)	Kittelberger, Reinhold	2011	23	1	0
Dog leukocyte antigen class II-associated genetic risk testing for immune disorders of dogs: simplified approaches using Pug dog necrotizing meningoencephalitis as a model	Pedersen, Niels; Liu, Hongwei; Millon, Lee; Greer, Kimberly	2011	23	1	0
Isolation of a variant Porphyromonas sp from polymicrobial infections in central bearded dragons (Pogona vitticeps)	Bemis, David A.; Greenacre, Cheryl B.; Bryant, Mary Jean; Jones, Rebekah D.; Kania, Stephen A.	2011	23	1	0
Disseminated T-cell lymphoma in a Brazilian porcupine (Coendou prehensilis)	de Araujo, Marina Rios; Luppi, Marcela Miranda; Cordeiro Malta, Marcelo de Campos; Facchetti Vinhaes Assumpcao, Anna Luiza; Langohr, Ingeborg Maria; Ecco, Roselene	2011	23	1	0
Piscirickettsia-like organisms as a cause of acute necrotic lesions in Colombian tilapia larvae	Iregui, Carlos A.; Vasquez, Gersson M.; Rey, Alba L.; Verjan, Noel	2011	23	1	0
Odontogenic myxoma in an 8-year-old Labrador Retriever dog	Barigye, Robert; Schultz, Jessie; Newell, Teresa K.; Dyer, Neil W.	2011	23	1	0
Tonsillitis in a weaner pig associated with Geotrichum candidum	Lee, Effie J.; Gabor, Melinda; Turner, Mark; Ball, Mathew; Gabor, Les	2011	23	1	0

## Strategies for Boosting Impact Factor

While the impact factor is one feature among many for evaluating journal quality, it is clear that impact factor cannot be ignored, and that working to boost a journal's impact factor bears certain advantages for authors, editors, publishers, and all journal stakeholders.

**The over-arching strategy for improving impact factor is to garner as many article citations as possible within a two-year or five-year window.** An article might be cited for any number of reasons, but typically only when it attains a high level of new findings, quality scholarship, or controversy that generates intellectual interest or “buzz” within a given field. Therefore, the primary strategy for boosting impact factor is to attract and publish only the highest-quality content available. It is important to remember that only citations to an article during the two or five calendar years following its publication have an effect on a journal's impact factor. Therefore, many of the strategies involve actions that are time-sensitive.

The following is a list of three general strategies that you, as editor, should employ to encourage citations, with some specific examples listed below each strategy. ***Please note that strategies must never threaten the primary importance of academic integrity.***

- **Promote the journal...**
  - **At conferences.** Solicit manuscripts at conferences, from big names, as part of special issues on hot topics, etc. Hold “how to get published” roundtables at conferences to encourage submissions from motivated authors.
  - **Online.** Discuss articles via social networks such as Facebook, Twitter, LinkedIn, listservs, society network pages, or subject networks
  - **With SAGE.** Assist SAGE with marketing. This could mean informing marketing managers of hot articles at the acceptance stage, creating recommended readings links, creating podcasts, recommending the journal to libraries, etc.
- **Maximize the citation potential of articles through...**
  - **Monitoring.** Keep track of citation patterns and usage to see which articles are receiving the most attention from readers. Participate in forums and be aware of emerging trends in your area.
  - **Timing.** Publish articles you know will be “hot” topics earlier in the year to take advantage of the maximum window to garner citations. Utilize Online First by submitting each accepted article immediately, instead of submitting issue by issue. Keep a backlog under two years to make sure any self-citations count.
  - **Reviewing.** Carefully review articles for properly-selected keywords, accurate and citable methodological descriptions, proper citation formatting and attributions.
- **Encourage board members, authors, and reviewers via...**
  - **Awards.** Recognize outstanding reviewers to reward and encourage thorough reviews. Give a best article prize each year.
  - **Awareness.** Promote email alerts so authors and reviewers know the latest articles in the journal. Post the TOC alerts on listservs and encourage board members to do the same.
  - **Knowledge.** Make your editorial board aware of the importance of citations and impact factor, and why these matter more now than ever before.