

December 18, 2003

Memorandum

To: Desert Managers Group, Interested Parties, Invited Guests

From: John Hamill, Executive Coordinator California Desert Management Project,
Department of the Interior

Clarence Everly, Department Of Defense Coordinator

Subject: Desert Managers Group Meeting, January 14-15, 2004, Barstow, CA

This is final confirmation of the Desert Managers Group meeting that will be held on January 14-15, 2004, in the Holiday Inn Express, Barstow (Lenwood Outlet Center), California. The meeting, which is being hosted by Harold Johnson, Acting BLM Field Manager, will begin at 9:00 am on January 14 and adjourn at 2:30 pm on January 15. The draft meeting agenda, lodging information and directions are attached. Please let us know if you wish to amend or change the agenda. A social event will follow the meeting on January 14 (details to be announced). DMG members, staff, and guests are welcome to attend.

FY 04 Work Plan. A goal of this meeting is to review and approve the FY 04 Work Plan for the DMG. The draft FY 04 work plan is attached for your review. Part I lists projects that are relatively certain to occur based on past expressions of interest and commitments of funds/staff. Part II lists ongoing and proposed new projects that require additional expressions of interest and or commitments of funds or staff. Table 1 (attached) summarizes estimated funding requirements and potential commitments by various DMG agencies for each of the projects. Please review these materials to determine the level of support that is available through your office.

If you need additional information, please contact John Hamill at 760-255-8888, or Clarence Everly at 760-255-8896. We look forward to seeing you at the meeting.

Attachments (2)

Draft Agenda
DESERT MANAGERS GROUP MEETING
Holiday Inn Express, Barstow (Lenwood Outlet Center), CA
January 14-15, 2004

January 14, 2004

- 9:00 am Welcome/Introductions/Review Agenda/Administration (Harold Johnson)
- 9:15 am Barstow Field Office overview (Harold Johnson, BLM)
- 9:45 am HAZMAT report (Key/Scofield)
- IDEW--Palm Spring Illegal Dumping Enforcement Workshop
 - 1-800-NastyLetter
 - Work Group co-chair and manager representative
- 10:15 am Break
- 10:30 am Habitat Restoration Report (Scofield)
- San Felipe San Sebastian Wash MOA
 - Coachella Valley WMA Update
 - Restoration Work Group Meeting Update
 - BLM Habitat Restoration Initiatives
 - Riparian Habitat Restoration Initiative (Jeff Aardahl, BLM)
 - Upland Habitat Restoration Initiative (Jim Weigand, BLM)
 - DMG interest/involvement
- 11:30 am Research database and Mojave Desert Science Symposium (Hughson)
- Noon Lunch
- 1:00 pm Coordinated Natural Resource Monitoring
- Research Initiative: PREDICTING AND MONITORING LONG-TERM ECOSYSTEM CHANGE IN THE MOJAVE DESERT (Jane Belnap, USGS)
- 1:30 pm PACRAT Report
- ARPA Training update
 - Proposed sponsorship of Native American Conference (Paul Smith/Bob Bryson)
- 2:00 pm Break
- 2:15 pm Clark County HCP overview (Ron Marlowe, University of Nevada)
- 3:00 pm West Mojave Plan and HCP (Bill Haigh)

4:00 pm Caltrans Road Side Rest Area Exhibits
4:15 pm Public Comment
4:30 pm Adjourn
5:00 pm - 7:00 pm Social gathering (details to be announced)

January 15, 2004

8:00 am Mojave River Initiatives
-Importance of Mojave River in West Mojave Plan/HCP (Larry LaPre)
-Weed Management Area Activities (Val Page)
-TNC Conservation Strategy (Sue Wainscott, TNC)

9:00 am Desert Tortoise (DT) Recovery Action Program/MOA and Recovery Plan
Assessment Committee status (Hamill/Williams)

9:15 am Proposed DT Science Work Group
-charter, responsibilities, membership and staff support
-next steps

9:30 am Data Management Agreement--status and next steps (Williams)

9:45 am Break

10:00am Raven Management EA—status and next steps (Benz)

10:15 am DT Monitoring FY 04 Plans (Medica)

10:30 am Effectiveness Monitoring Project – status (Boarman)

10:45am Public Comment

11:00 am Next DMG meetings

- April 21-22, 2004, 29 Palms, CA Host: Joshua Tree NP and MCAGCC
- Location/Date/Theme to be determined

11:10 am Break

11:30 am Executive Session – **DMG Members and Staff Only (working lunch)**

- Review FY 03 Accomplishments (Hamill)
- Review and approval of FY 04 Work Plan and budget (Hamill and Everly)
- Roundtable Reports

2:30 pm Adjourn

Lodging Information
DMG Meeting
Jan 14-15, 2004
Barstow, CA

For reservations: 760-253-9200
Ask for: one of the DMG or Desert Managers Group rooms
Room rate: \$80.00 for double queen
Bring: Your tax exemption information

The Barstow Holiday Inn Express is the 5th best Holiday Inn in the world, based on 100% guest satisfaction. Room rate includes use of fitness center, outdoor heated pool, and cookies available all day. Room amenities include iron, ironing board, hair dryer, refrigerator, microwave, coffeemaker, free high speed internet access, satellite TV, free local phone calls, and many others. Breakfast is also provided (we'll have ours in the conference room).

For our convenience, they are also extending us an open room block -- this means you can call in your reservation at any time, there's no cut-off date.

Driving Directions:

FROM I-15 North, EXIT LENWOOD ROAD, TURN LEFT. Proceed up the road to Holiday Inn Express

FROM I-15 South, EXIT LENWOOD ROAD, TURN RIGHT. Proceed up the road to Holiday Inn Express

FROM HWY 58, MERGE TO I-15 South, EXIT LENWOOD RD, TURN RIGHT. Proceed up the road to Holiday Inn Express

More Information: Please contact Cyn LaFever at 760-255-8886, M-F 7:30 a.m. to 4:00 p.m.

DMG FY 04 Work Plan

Part I --Projects that are relatively certain to occur based on current commitments of funds, staff and/or interest.

Goal 1. Restore selected upland and riparian habitats

1. Pursuant to the MOU that established the Mojave Desert Weed Management Area, the DMG will assist with coordination of weed management activities in the Mojave Desert and implementation of the WMA long-range plan.
2. A Memorandum of Understanding (MOU) to establish the Coachella Valley Weed Management Area (MWMA) will be developed and finalized
3. The DMG will host a meeting to review new/current restoration techniques; sources of labor and material; partnership opportunities; ongoing restoration projects; and monitoring.
4. A list and status report of ongoing restoration activities in the desert will be compiled and made available through the DMG website.

Goal 2. Cleanup and restore illegal dumps that pose a public health or environmental threat, and reduce the incidence of illegal dumping in the future.

1. The HAZMAT work group will focus on actions to prevent illegal dumping in the California desert. The focus will be on (a) sponsoring an illegal dumping prevention workshop (IDEW) in Coachella Valley, and (b) implementing a 1-800 number to report incidences of littering.
2. DMG agencies will sponsor or provide regional technical training for participating agencies to include:
 - ❖ Sponsor the 8-hour annual hazardous waste operations and emergency response (HAZWOPER) refresher training;
 - ❖ Co-sponsor an unexploded ordinance recognition training course.
3. Cooperate with state and local government to increase the awareness of illegal dumping and its environmental consequences, create prevention solutions, and improve illegal dumping laws.
4. The Hazmat Work Group will provide information to the Raven Work Group concerning solid waste disposal as needed/requested.
5. BLM will establish a central fund to pay dump tipping fees associated with community/volunteer illegal dump cleanups on public lands.

Goal 3. Recover the desert tortoise in the California recovery units.

1. The DMG will monitor and review the results of the USGS study to evaluate the effectiveness of past recovery actions related to vehicle management, cattle and sheep grazing, and construction of tortoise fences.

Goal 4. Reduce and maintain burro populations to appropriate management levels and in appropriate locations.

1. BLM, FWS, DOD and the State will continue work to reduce burro populations to “appropriate management levels;” NPS will work to eliminate burros entirely from Death Valley National Park and the Mojave National Preserve. The targets for FY 04 are:

<u>Area</u>	<u>Number of Animals (Cooperating Agencies)</u>
Clark Mountain -	200 burros (BLM, NPS)
Centennial	35 horses/100 burros (BLM, NAWS, NPS)
Slate Range	30 burros (BLM, NAWS)
Picacho	50 burros (BLM, State Parks)
Saline Valley	30 burros (BLM, NPS)
Panamints	30 burros (BLM, NPS)
Mojave NPS	200 burros (BLM, NPS)
<u>Outside HMAs</u>	<u>60 burros (BLM, NPS, other agencies/landowners)</u>
Total	700 Burros and 35 horses

2. BLM and California Fish & Game will continue the third year of a four-year study to track burros and deer in the Picacho and Chocolate-Mule Mountain HMAs to better understand the movement and migratory patterns of these two animals.
3. BLM will work with Picacho State Park and other volunteers to install alternative drinkers for burros to encourage more activity away from the Colorado River. BLM will also develop a drinker at West Well, within the Chemehuevi HMA, to provide water to the burros while protecting the riparian area associated with the well.
4. BLM will continue to assess and monitor riparian and rangeland health in the remaining HMAs, and along common administrative boundaries where burro management occurs. BLM will monitor Chemehuevi, Pichaco, and Chicago Valley HMA's. Specific actions will be identified to reduce animal drift off BLM managed lands and improve animal distribution within the remaining HMAs. Possible recommended actions may include fencing of common boundaries; fencing of springs, riparian areas, and sensitive resources, and developing additional watering sources.
5. BLM will initiate NEPA review the Waucoba-Hunter, Lee Flat, and Piper Mountain HMA's to determine future management directions.

Goal 5. Protect cultural resources and enhance public awareness of the sensitivity and value of paleontological and cultural resources in the California deserts.

1. Proceedings of the Millennium Conference will be published and distributed

2. The Paleontological and Cultural Resources Action Team (PACRAT) will evaluate the integrity and utility of the CHRIS-GIS dataset for the Mojave, review State's business plan for the CHRIS-GIS, and report back findings and recommendations to the DMG in the fall of 2004.
3. The DMG will cooperate with the Native American Land Conservancy to sponsor a Native American Conference in Twentynine Palms in May 2004.

Goal 6: Ensure the long-term sustainability of the military mission in the California deserts.

1. BLM, NPS and the State will continue to actively consider DOD mission requirements in their land and resource management and planning activities, and analyze/consider potential impacts of their proposed land management decisions/actions on DOD lands and airspace.
2. DMG agencies will incorporate DOD ecosystem management contributions into agency outreach programs.
3. Land management agencies will continue to finalize and implement ecosystem based management plans (e.g., BLM regional planning efforts).
4. DOI, California State, and DOD agencies/services will work collaboratively towards implementing monitoring and recovery actions leading to delisting of the Desert Tortoise.

Goal 7. Develop a coordinated interagency system for delivering useful, comprehensive, and consistent information about desert resources and recreation opportunities.

1. The California deserts web site (www.californiadesert.gov) will be maintained by the Mojave Desert Ecosystem Program (MDEP). New information will be added to the site as provided by land/resource management agencies.
2. The interagency "gateway" visitor center at Lancaster CA will continue to be maintained by Cal State Parks.

Goal 8. Coordinate scientific studies and monitoring programs needed for effective resource management.

1. The Mojave Desert Ecosystem Program (MDEP) will finalize the web accessible Research Inventory Data Base. An inventory of existing resource, research and monitoring studies will be initiated to populate the database. Managers will implement protocols to encourage scientists to input data and or update the database.

Goal 9. Monitor desert tortoise population status in relation to recovery goals for the California deserts recovery units.

1. Line Distance Sampling (LDS) will be implemented to assess the density of desert tortoise. Due to limited funds, sampling will focus on the West Mojave recovery unit.
2. In cooperation with the University of Redlands and the University of Nevada, Reno, LDS protocols will be modified and tested to reduce variance in the data and provide more reliable density estimates.
3. The interagency desert tortoise data management system will be maintained by the DOD Mojave Desert Ecosystem Program (MDEP). Data will be collected and managed in a manner that facilitates a regional multi-state assessment of the status of desert tortoise populations.

Goal 10. Inventory, monitor and protect desert water resources.

Goal 11. Integrate and share data and database management systems needed for effective resource management and planning.

1. The Mojave Desert Ecosystem Program (MDEP) will maintain the Geographic Information System (GIS) of natural and cultural resources in the California deserts (see www.mojavedata.gov).

Goal 12. Ensure the orderly and efficient operation of the DMG and its work groups.

1. The DMG's FY 04 Work Plan and accomplishment report will be updated. Annual work plans will be developed for specific initiatives as needed.
2. The BLM Natural Resources Restoration Coordinator will coordinate implementation of dump clean up and habitat restoration efforts on behalf of the DMG.
3. The FWS Desert Tortoise Coordinator will coordinate tortoise recovery and monitoring activities.
4. MDEP will maintain the DMG website (www.dmg.gov) to allow for the efficient dissemination of information about DMG and work group activities.
5. The DMG will coordinate its activities with the Clark County HCP and the SNPLMA Conservation Initiative where there is program overlap.

Goal 13. Garner support for the DMG, its mission, activities, and funding initiatives.

1. Federal and state agencies, Congressional representatives, and interested parties will be briefed about DMG activities and initiatives, as requested.

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2. The DMG will cooperate with the National Fish and Wildlife Foundation to establish a California Desert Fund.

FY 04 Work Plan
Part II--Ongoing or proposed FY 04 DMG activities that require additional commitments of funds, staff and/or interest.

Goal 1. Restore selected upland and riparian habitats identified for restoration.

1. The DMG will provide guidance and recommendations to the USGS Recoverability and Vulnerability of Desert Ecosystems project, aimed at improving the management applicability of the research effort.
2. BLM, GS, State Parks and CDFG will enter into a MOA for the conservation and restoration of the San Felipe Creek-San Sebastian Marsh Watershed

Goal 2. Cleanup and restore illegal dumps that pose a public health or environmental threat, and reduce the incidence of illegal dumping in the future.

1. The illegal dump database will be maintained and high priority sites will be selected for cleanup based on established criteria.
2. Clean up and restore illegal dumps by leveraging budgets with grants and partnerships.

Goal 3. Recover the desert tortoise in the California recovery units.

1. **DT MOA.** DOD, DOI and the State of California will enter into a Memorandum of Agreement to establish and participate in a cooperative DT Recovery Action Program.
2. **DT Cooperative Work Planning Process.** A cooperative interagency DT work planning process will be established for State and Federal land and resource management agencies.
3. **West Mojave Management Plan Review.** In cooperation with the University of Redlands, the DMG will evaluate desert tortoise recovery actions included in DOD, NPS, and BLM land management plans in the West Mojave Recovery Unit to determine where collaboration and cooperation will improve effectiveness. Based on the evaluation, the DMG will host a facilitated session with the management jurisdictions in the West Mojave Recovery Unit to develop recommendations for consolidating and integrating recovery efforts among agencies. The West Mojave plan evaluation will be a pilot for an approach that will be applied to all recovery units in the California desert.
4. **Desert Tortoise Science Work Group** The DMG will establish a Desert Tortoise Science Work Group. The work group will include (a) several (3-4) knowledgeable desert tortoise scientists with different disciplines related to desert tortoise conservation (e.g., ecology, physiology/disease, behavior, genetics, population modeling, statistics/modeling, etc.) and (b) agency management biologists. Staff support necessary for the efficient and effective operation of the Work Group will be provided by the University of Redlands and/or USGS.
5. **DT Data Repository.** FWS will establish an in house repository for all desert tortoise data via a “no cost” MOU with a sister federal agency (e.g., DOD, USGS), an appropriate educational institution, non-profit organization, and/or business firm.

6. **DT Data Management Protocols.** The DMG will establish an ad hoc data management work group that will work in consultation with the desert tortoise Science Work Group and other entities responsible for desert tortoise data management to develop protocols for the structure and maintenance of the data repository and accessing data in the repository.

As a condition of any new or renewed ESA and/or CESA research permits, FWS and CDFG will require all agencies/institutions/researchers to abide by established protocols and submit to the desert tortoise data repository a copy of their field data annually, including (paper data sheets or digital field forms depending on method used).

7. **Desert Tortoise Outreach and Education**

- **Mojave Max Campaign:** The DMG will enter into an agreement with the Clark County Desert Conservation Program for use of the Mojave Max image and trademark in California.
- **Desert Tortoise Media Campaign:** The DMG will implement a multi-faceted campaign to get key messages related to desert tortoise in the media. Elements of the media campaign will include:
 - **Radio Public Service Announcements (PSA)—The Mojave Minute:** The DMG will produce a minimum of 12 PSAs per year for broad distribution to radio stations throughout the desert.
 - **Desert Tortoise Media Kit.** The DMG will design, develop and disseminate a desert tortoise media kit
 - **Desert Tortoise News Releases.** The DMG in cooperation with the Joshua Tree National Park Association will produce and disseminate 6-12 news releases per year on newsworthy events and information.
 - **Desert Tortoise Television PSA/Programs.** The DMG will explore and implement opportunities to producing TV PSA and Programs related to the desert tortoise
 - **Desert Tortoise Summit:** In concert with the release of the new desert tortoise Recovery Plan, the DMG in coordination with the MOG will host a desert tortoise summit
 - **Media Field Day.** The DMG will host an annual media field day in conjunction with appropriate desert tortoise field activities (e.g., Line Distance Sampling) at several locations/media markets in the desert (Moreno and Coachella Valley, Victorville, Lancaster, etc).
- **Desert Tortoise Webpage:** Develop an expanded desert tortoise web page targeted at the public, stakeholders, educators hosted on www.californiadesert.gov or set up as a new/separate site e.g., www.deserttortoise.gov.
- **Desert Tortoise School Curriculum.** Incorporate a Mojave Max-based desert tortoise curriculum in desert schools
- **Desert Tortoise Newsletter.** Produce 2-4 desert tortoise Newsletters annually to provide objective and timely information on desert tortoise recovery activities and progress. The newsletter would be targeted at decision makers, stakeholders, opinion makers, and community groups.
- **Desert Tortoise Pet Owner Brochure.** Develop a brochure about tortoise diseases and about responsible tortoise ownership targeted at pet owners for distribution through veterinarian offices, pet stores, animal shelters, and through tortoise rescue groups and tortoise clubs.

- **Desert Tortoise Power Point Presentation Tool Kit.** Develop a set of power point slides for use by managers and other interested parties in making presentations about desert tortoise.
 - **Desert Tortoise Sale Items.** In cooperation with non-profit cooperating associations or other private sector partners identify and develop low-cost, high impact sales items related to the desert tortoise, i.e., bumper stickers, patches, decals, t-shirts.
 - **Desert Tortoise Exhibits.** Assist the Palm Springs Desert Museum and other regional museums in acquiring and developing quality museum exhibits on the desert tortoise for display at appropriate venues throughout southern California and other areas within the tortoise's greater range.
 - **Desert Tortoise Public Attitude and Outreach Effectiveness Study.** Carry out a university-conducted sociological study to provide baseline data on public attitudes, perceptions, and values about the desert tortoise, about tortoise recovery efforts, and about broader California desert conservation and appreciation.
8. **Raven Management.**
- Complete appropriate NEPA compliance and secure the necessary permits required by the Migratory Bird Treaty Act to implement the following raven management in the California desert:
 - Reduce or Eliminate Human Subsidies
 - Lethally remove ravens that are known to prey on juvenile DT
 - Implement Adaptive Management
 - Implement raven management actions in selected Desert Wildlife Management Areas (DWMAs), critical habitat, and/or NPS units
9. **Feral Dog Management.** In conjunction with land use management plans, the CDFG will work with FWS, BLM, DOD, county animal control agencies, and other applicable local entities, to develop a Feral Dog Management Plan. The plan will articulate control/management measures, a method for assessing the effectiveness of control/management measures, and provide an agreed upon implementation time line.
10. **Headstarting and Translocations.** Develop a Headstarting and Translocations Plan. Elements of the Plan will include:
- Identification of areas suitable for headstarting/translocation
 - Actions to ensure maintenance of existing genetic diversity found in wild populations.
 - Actions to minimize the risk of disease in the reintroduction area.
 - Facilities needed to raise and properly care for captive tortoises.
 - A reintroduction plan (numbers, size, age of animals to released, etc)
 - Clearly defined criteria for success
 - Management measures (e.g., fencing, predator control, etc) that need to be implemented to maximize the likelihood of success, and
 - A monitoring program to evaluate program success.
11. **Disease Management.** Implement the following actions to help control the spread of disease and allow for collection of information that will lead to a better understanding of diseases that affect desert tortoise.
- Land management agencies and regulatory agencies will use or recommend the use of high Potassium Excretion Potential (PEP) plant species in re-vegetation projects in DWMAs/critical habitat.

- A public education program will be implemented to curtail the release of captive desert tortoise into the wild.
- An Emergency Response Team and Funds will be established to (a) salvage tortoises (b) determine disease type(s) and (c) isolate healthy or infected populations when outbreaks of diseases are first detected.
- BLM and NPS will increase or focus law enforcement efforts to reduce poaching and release of captive desert tortoise in the Desert Tortoise Natural Area, Joshua Tree National Park and around desert towns in close proximity to DWMA's.
- Train more biologists who routinely handle desert tortoise to conduct full health assessments.
- Salvage more ill and dying tortoises to determine of causes and contributors to death. FWS and the State will issue necessary salvage permits for this work.
- FWS and CDFG will review and revise (as appropriate) existing protocols for handling tortoises to incorporate new and better methods to reduce stress.
- All research permits issued by FWS and CDFG will require collecting data on health, disease, and mortality. In addition, incidental take permits will require permit holders to pay for necropsies for tortoises killed during and related to the project.

Goal 5. Protect cultural resources and enhance public awareness of the sensitivity and value of paleontological and cultural resources in the California deserts.

1. Sponsor a basic ARPA training class for cultural resources and law enforcement staff.
2. Sponsor an additional advanced ARPA training class for cultural resource specialists.

Goal 7. Develop a coordinated interagency system for delivering useful, comprehensive, and consistent information about desert resources and recreation opportunities.

Agency webmasters will input information on recreation opportunities and sites in the California desert on Caldesert.gov and update their information as needed. In addition, the desert news section will be used by agencies to disseminate news to desert visitors.

Goal 8. Coordinate scientific studies and monitoring programs needed for effective resource management.

1. Planning for the Mojave Desert Science Symposium will continue. The Symposium is scheduled for November 16 - 18, 2004 at the University of Redlands.
2. DMG members will participate in the NPS workshop in the spring of 2004 to develop a conceptual framework for monitoring in the California deserts. This workshop will provide the basis for the design of compatible monitoring programs by land and resource management agencies in the California deserts.

Goal 9. Monitor desert tortoise population status in relation to recovery goals for the California deserts recovery units.

1. **DT Permanent Study Plots.** Sample the 15 PSP's in California once every 4 years (not all plots would be sampled in the same year).
2. **Annual Monitoring Report.** An annual report of PSP and LDS results will be produced by December of each year.
3. **Integrate LDS and PSP monitoring.** FWS will identify opportunities to integrate LDS and PSP efforts to a) produce the best data in the most cost effective manner possible and (b) provide a method by which managers can prioritize funding for PSPs and LDS.

Goal 10. Inventory, monitor and protect desert water resources.

1. The Mojave Desert Ecosystem Program (MDEP) will develop a web accessible database for spring and wetland data.
2. Level 2 data collection protocols will be developed and submitted to the DMG Water Group for review and comment.

Table 1. Estimated DMG FY04 Funding Needs

Activity	Estimated	\$ Planned (x 1000)							Total	
	\$ Needed	BLM	GS	FWS	NPS	DoD	CA	Other	\$ Planned	Shortfall
1. Dump tipping fees--BLM	12.0	12.0							12.0	0.0
2. Burro Roundups - NPS/MOJA	85.0								0.0	85.0
3. Advanced ARPA Class	8.0								0.0	8.0
4. Basic ARPA class	4.0								0.0	4.0
5. Mojave Science Symposium	32.5		2.0	2.0	5.0	2.5		3.0	14.5	18.0
6. Desert Tortoise Monitoring										
- Line Distance Sampling	935.0	125.0			10.0	445.0			580.0	355.0
- Permanent Study Plots	160.0								0.0	160.0
8. Raven Management	271.0	20.0				138.0			158.0	113.0
9. DT Outreach Coordinator	75.0								0.0	75.0
10. DT Outreach/Education activities	34.6								0.0	34.6
11. Science Team - Staff Spt.	50.0								0.0	50.0
12. Desert Tortoise Data Mgt.	100.0					100.0			100.0	0.0
13. Feral Dog Mgt. Plan	30.0					20.0			20.0	10.0
14. Headstarting/Translocation Plan	10.0								0.0	10.0
15. Disease Mgt.	50.0	10.0				20.0			30.0	20.0
	1857.1	167.0	2.0	2.0	15.0	725.5	0.0	3.0	914.5	942.6